



Elco Lighting

Commercial Retrofit Catalog

ELCO Lighting

The Best Choice in Lighting

With over fifteen years in the field, Elco Lighting offers the most complete line of track and recessed lighting available in the market. Specializing in residential and commercial applications, Elco Lighting's recessed downlight options come in line voltage, low voltage, compact fluorescent and H.I.D., with aperture sizes ranging from 3" to 10". Specialty items include a complete line of brushed nickel, copper and bronze fixtures and trims; incandescent, fluorescent and xenon undercabinet fixtures; outdoor wallpacks, steplights and floods, and a full line of exit/emergency products.

Elco Lighting's new Commercial Retrofit series allows for energy-saving retrofitting of hotels, office buildings, airports, universities, theaters, amusement parks, retail outlets, institutional facilities and more.

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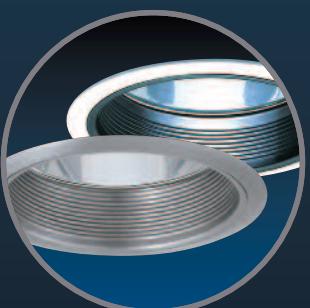


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Elco Lighting Retrofit System

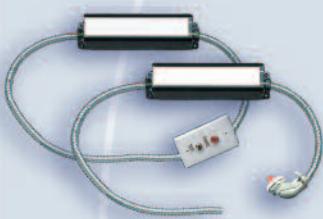
"We had four primary objectives...be within budget parameters, use existing dimming system, achieve acceptable light levels and reduce energy cost. We accomplished all four of them with the Elco products."

Portland Marriott Hotel
Senior Engineer William Moore

The Elco Lighting Retrofit System is designed for easy install using a simple system of high-quality reflector and specialty trims, ballasts and mounting clips. Minimal tools are required since the system snaps easily into the existing downlight's mounting frame. Unlike typical residential retrofit systems, Elco's Commercial Retrofit System allows for easy lamp replacement because the ballast is permanently installed and separate from the lamp.

Elco Lighting's Commercial Retrofit System is safe, economical, environment-friendly and architecturally pleasing.

Emergency Pack



Electronic Ballast

Available in regular (on/off) 120/277V or dimmable as well as 347V supply. Potted and encased. Brand-name ballasts from Robertson, Universal Lighting and Advance.



Junction Box

With 1/2" and 3/4" knockouts, U.L./C.U.L. Listed for through branch wiring, maximum (8) No. 12 AWG branch circuit conductors (4 in 4 out). Junction box provided with removable access plates.

Lamp Holder

Socket 4-Pin G24Q-3 Base

Flex Conduit

Compact Fluorescent Lamp

Designed for one PL, Quad or Triple Biax compact fluorescent lamp by GE, Phillips, or Osram-Sylvania.

Reflector and Trim Ring

Available in low iridescence clear or gold aluminum finish with polycarbonate trim ring.

Bronze and Copper

Cool and new Bronze and Copper finish are now available on some of our wide selection of trims. Look for the product code of **BZ** (Bronze) and **CP** (Copper).

Variety of Trim Options



Why Retrofit?

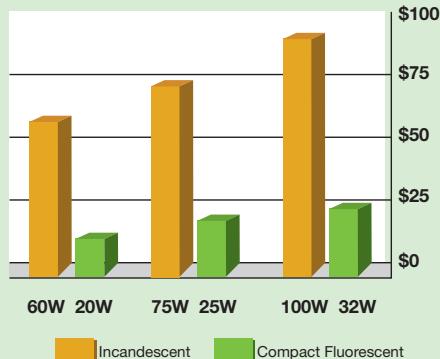
Upgrading older, incandescent lighting fixtures with newer, compact fluorescent lighting increases visual comfort while costing an average of 50 to 75 percent less in energy use. Additional savings are often available through local utility rebate programs designed to encourage energy-saving retrofit projects. Compact fluorescent lamps are 4-5 times more efficient than incandescent lamps and last up to 10 times as long, and the cost of retrofitting is usually recuperated between 12 and 24 months from install. In a recent Elco retrofit project for the Marriott Hotel in downtown Portland, 250 twin 42-watt dimmable compact fluorescent lamps were used to replace 300-watt incandescent lamps, which doubled the light output at one-third the cost, reducing their energy use by 86%, based on lights under operation 12 hours per day, 365 days per year. In the energy-conscious environment we live in today, no one can afford to ignore results like these.

Other advantages include:

- Up to 80% reduction in lighting maintenance and re-lamping
- Savings of 10% to 30% in cooling costs due to reduced heat build up
- Longer system life cycle
- Added value through lower operating cost
- Eligibility for utility company rebates

Let Elco Lighting help you find your way to joining an energy-efficient, cost effective business community!

Energy Costs/Year*



* Cost based on \$0.10/KWH at 8,760 hr/yr



Compact Fluorescent Retrofit



50% - 75% less in energy usage.

Cost of retrofitting is recuperated 12 - 24 months.

Easy installation and lamp replacement.

Applications:

- **Hotels**
- **Office Buildings**
- **Airports**
- **Theaters**
- **Retail Outlets**
- **Amusement Parks**
- **Institutional Facilities**

9" Energy Efficient Architectural Vertical Compact Fluorescent Retrofit



Energy Efficient

Height: 14" - Ceiling Opening: 9 3/4" to 10 3/4" - Trim O.D.: 11 1/4"

- Compact fluorescent retrofit kit for one (13W, 18W, 26W, 32W, 42W, 56W, or 70W) lamp.
- Trim support adjusts 3/4" to accommodate different ceiling thickness.
- U.L. damp location listed. U.L. feed through listed.
- Emergency battery back-up ballast (optional).
- Thermally protected "CLASS P" ballast (Magnetic or Electric).

ERTV 9113 (1) 13W 2 Pin Lamp 120V N.P.F Ballast

ERTV 9113E (1) 13W 4 Pin Lamp 120/277V Electronic Ballast

ERTV 9118 (1) 18W 2 Pin Lamp 120V N.P.F Ballast

ERTV 9118E (1) 18W 4 Pin Lamp 120/277V Electronic Ballast

ERTV 9126E (1) 26W 4 Pin Lamp 120/277V H.P.F Electronic Ballast

ERTV 9126D (1) 26W 4 Pin Lamp 120/277V 0-10V Electric Dimmable Ballast (4 wire)*

ERTV 9126DX (1) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 9126DX-7 (1) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 9132E (1) 32W 4 Pin Lamp 120/277V H.P.F Electronic Ballast

ERTV 9132D (1) 32W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

ERTV 9132DX (1) 32W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 9132DX-7 (1) 32W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 9142E (1) 42W 4 Pin Lamp 120/277V H.P.F Electronic Ballast

ERTV 9142D (1) 42W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

ERTV 9142DX (1) 42W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 9142DX-7 (1) 42W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 9157E (1) 57W 4 Pin Lamp 120/277V H.P.F Electronic Ballast

ERTV 9157D (1) 57W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

ERTV 9157DX (1) 57W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 9157DX-7 (1) 57W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 9170E (1) 70W 4 Pin Lamp 120/277V H.P.F Electronic Ballast

ERTV 9170D (1) 70W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

ERTV 9170DX (1) 70W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

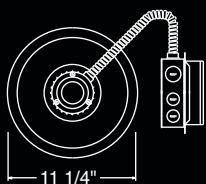
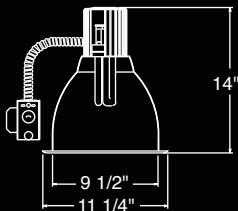
ERTV 9170DX-7 (1) 70W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

347V electronic ballast available upon request

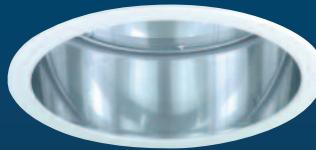
* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

♦ Other dimming ballast (Lutron) are available upon request at extra charge



EL 1016C
Open Reflector
O.D.: 11 1/4"



EL 1037C
Reflector with Lens
O.D.: 11 1/4"

ERTV 9118-1016C ERTV 9118-1016C

ERTV 9126-1016C ERTV 9126-1016C

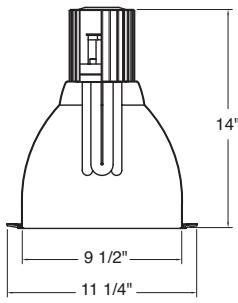
ERTV 9132-1016C ERTV 9132-1016C

ERTV 9142-1016C ERTV 9142-1016C

Luminaire:
Recessed Clear Reflector Downlight

Lamp:
(1) 18W Quad Biax C.F. Lamp

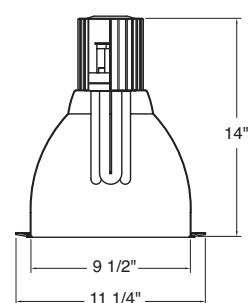
Luminous flux:
1200 Lumens



Luminaire:
Recessed Clear Reflector Downlight

Lamp:
(1) 26W Quad C.F. Lamp

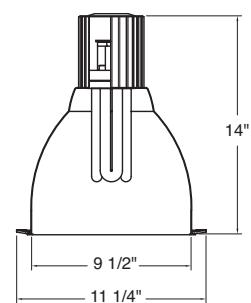
Luminous flux:
1800 Lumens



Luminaire:
Recessed Clear Reflector Downlight

Lamp:
(1) 32W Trip Biax C.F. Lamp

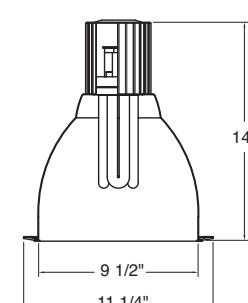
Luminous flux:
2400 Lumens



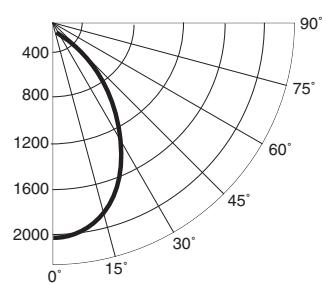
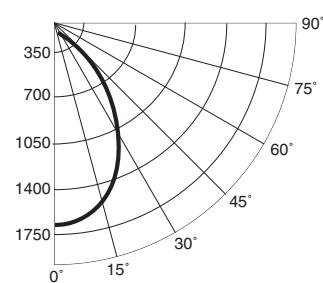
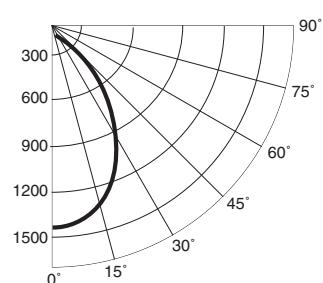
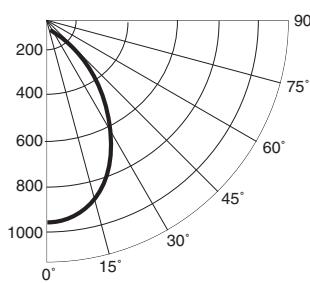
Luminaire:
Recessed Clear Reflector Downlight

Lamp:
(1) 42W Trip Biax C.F. Lamp

Luminous flux:
3200 Lumens



CP DISTRIBUTION



CANDLE-POWER VALUES

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	1068	45	120
5	1005	50	33
10	845	55	8
15	781	60	1
20	589	65	0
25	489	70	0
30	385	75	0
35	310	80	0
40	159	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	1350	45	183
5	1357	50	77
10	1290	55	11
15	1232	60	1
20	1075	65	0
25	974	70	0
30	779	75	0
35	635	80	0
40	259	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	1670	45	226
5	1650	50	97
10	1596	55	13
15	1522	60	1
20	1331	65	0
25	1142	70	0
30	957	75	0
35	779	80	0
40	321	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	2172	45	295
5	2169	50	123
10	2068	55	17
15	1981	60	1
20	1725	65	0
25	1479	70	0
30	1245	75	0
35	1013	80	0
40	411	85	0

CONE OF LIGHT

Distance to Plane	Initial Footcandles	Beam Diameter
4'	67	4.3'
6'	28	6.5'
8'	18	8.4'
10'	12	10.6'
12'	9	12.8'

Distance to Plane	Initial Footcandles	Beam Diameter
4'	85	4.3'
6'	38	6.5'
8'	21	8.4'
10'	14	10.6'
12'	10	12.8'

Distance to Plane	Initial Footcandles	Beam Diameter
4'	103	4.3'
6'	45	6.5'
8'	27	8.4'
10'	15	10.6'
12'	12	12.8'

Distance to Plane	Initial Footcandles	Beam Diameter
4'	134	4.3'
6'	58	6.5'
8'	34	8.4'
10'	19	10.6'
12'	14	12.8'

8" Energy Efficient Architectural Horizontal Compact Fluorescent Retrofit



Energy Efficient

Height: 6 3/8" - Ceiling Opening: 7 3/4" to 8 1/2" - Trim O.D.: 9"

- Thermally protected magnetic fixtures are supplied with two single-lamp potted ballasts and may be wired for independent switching. Electronic units are supplied with one two-lamp ballast for 4 pin lamps.
- Junction box with 1/2" and 3/4" pryoouts, listed for 8 #12 90°C conductors.
- U.L. listed.
- Feed through junction box.
- U.L. damp location listed.
- Emergency battery back-up ballast (optional).

ERTH 829 (2) 7W/9W 2 Pin Lamp 120V N.P.F. Ballast
ERTH 829HP (2) 7W/9W 2 Pin Lamp 120V H.P.F. Ballast

ERTH 8213 (2) 13W 2 Pin Lamp 120V N.P.F. Ballast
ERTH 8213E (2) 13W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast
ERTH 8213D (2) 13W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)* †

ERTH 8218E (2) 18W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast
ERTH 8218D (2) 18W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)* †
ERTH 8218DX (2) 18W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†
ERTH 8218DX-7 (2) 18W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTH 8126E (1) 26W 4 Pin Lamp 120/277V Electronic Ballast
ERTH 8126D (1) 26W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)* †
ERTH 8126DX (1) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†
ERTH 8126DX-7 (1) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

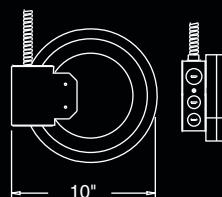
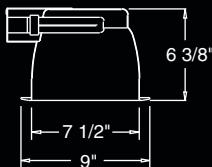
ERTH 8226E (2) 26W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast
ERTH 8226D (2) 26W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)* †
ERTH 8226DX (2) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†
ERTH 8226DX-7 (2) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

• Other dimming ballast (Lutron) are available upon request at extra charge



EL 821C

EL 821F

EL 821G

Reflector Trim

O.D.: 9"



EL 826C

EL 826G

Suspended Glass Trim with Clear Reflector

O.D.: 9"



EL 830B

EL 830W

Reflector with Baffle

O.D.: 9"



EL 842W

EL 842B

Baffle with Regressed Lens

O.D.: 9"



EL 862G

EL 862C

Reflector with Lens

O.D.: 9"



EL 888C

EL 888G

Reflector with Cross Blades

O.D.: 9"

ERTH 8213-821C,G
ERTH 8213-888C

ERTH 8213-842B,W
ERTH 8213-862C,G

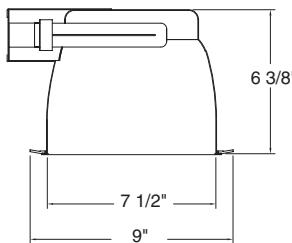
ERTH 8218-821C,G
ERTH 8218-888C

ERTH 8218-830B
ERTH 8218-830W

Luminaire:
Recessed Clear Reflector Downlight
Total Luminaire Efficiency:
59%

Lamp:
(2) 13 Watt C.F. Lamps

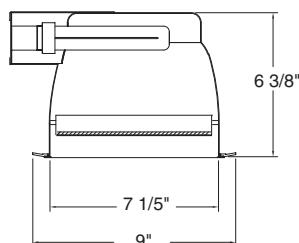
Luminous flux:
900 lumens/lamp - Total: 1800 lumens



Luminaire:
Recessed Clear Reflector Downlight with Prismatic Lens
Total Luminaire Efficiency:
59%

Lamp:
(2) 13 Watt C.F. Lamps

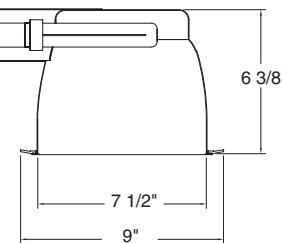
Luminous flux:
900 lumens/lamp - Total: 1800 lumens



Luminaire:
Recessed Clear Reflector Downlight
Total Luminaire Efficiency:
60%

Lamp:
(2) 18 Watt Quad Tube C.F. Lamps

Luminous flux:
1200 lumens/lamp - Total: 2400 lumens

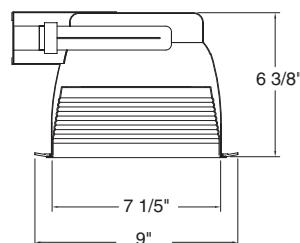


Luminaire:
Recessed Clear Reflector Downlight with Baffle

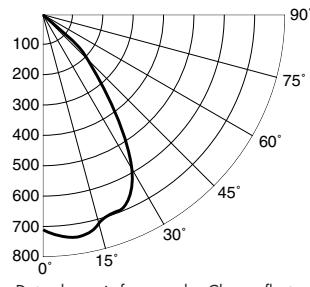
Total Luminaire Efficiency:
34%

Lamp:
(2) 18 Watt Quad Tube C.F. Lamps

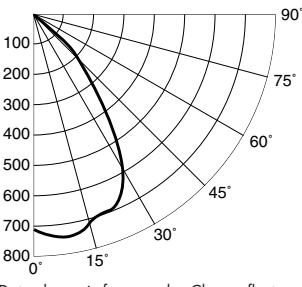
Luminous flux:
1200 lumens/lamp - Total: 2400 lumens



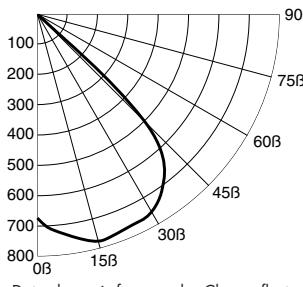
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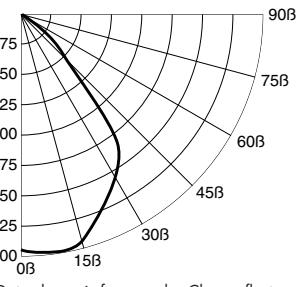
Data shown is for specular Clear reflector,
for specular Gold reflector, multiply by 0.89



Data shown is for specular Clear reflector,
for specular Gold reflector, multiply by 0.89



Data shown is for specular Clear reflector,
for specular Gold reflector, multiply by 0.89



Data shown is for specular Clear reflector,
for specular Gold reflector, multiply by 0.89

CANDLE-POWER VALUES

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	705	45	205
5	730	50	82
10	739	55	7
15	729	60	5
20	700	65	4
25	653	70	3
30	581	75	3
35	478	80	2
40	345	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	705	45	205
5	730	50	82
10	739	55	7
15	729	60	5
20	700	65	4
25	653	70	3
30	581	75	3
35	478	80	2
40	345	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	666	45	480
5	705	50	160
10	745	55	13
15	772	60	5
20	780	65	4
25	773	70	3
30	760	75	2
35	742	80	1
40	658	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	599	45	179
5	600	50	75
10	604	55	6
15	593	60	3
20	556	65	1
25	507	70	0
30	455	75	0
35	389	80	0
40	292	85	0

CONE OF LIGHT

Distance to Plane	Initial Footcandles	Beam Diameter
6'	41.8	8'
8'	23.5	10'
10'	15.1	14'
12'	10.5	16'
14'	7.8	19'
16'	6.0	22'
18'	4.7	25'
20'	3.9	27'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	19.7	10.1'
8'	10.9	13.3'
10'	7.1	16.7'
12'	5.0	20.0'
14'	3.6	23.2'
16'	2.9	26.6'
18'	2.3	30.0'
20'	1.9	33.2'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	18.6	13.1'
8'	10.5	17.4'
10'	6.6	21.8'
12'	4.6	26.0'
14'	3.6	30.4'
16'	2.7	34.8'
18'	2.2	39.1'
20'	1.8	43.3'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	16.7	10.0'
8'	9.4	13.3'
10'	6.1	16.6'
12'	4.2	19.9'
14'	3.2	23.2'
16'	2.4	26.6'
18'	1.9	29.9'
20'	1.6	33.3'

8" Energy Efficient Compact Fluorescent Horizontal Retrofit



Energy Efficient

Height: 6 3/8" - Ceiling Opening: 7 3/4" to 8 1/2" - Trim O.D.: 9"

- Compact fluorescent housing, for one or two horizontally mounted lamps, with integral fluorescent electronic ballast for 4 Pin compact fluorescent lamps.
- Trim support adjusts 3/4" to accommodate different ceiling thickness.
- 6 1/2" height allows use in 2 x 8 construction.
- Thermally protected "Class P", HPF electronic ballast (universal voltage).
- U.L. listed and U.L. damp location listed.
- Feed through listed.
- Emergency battery back-up ballast (optional).

ERTH 8132E (1) 32W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

ERTH 8132D (1) 32W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)* †

ERTH 8132DX (1) 32W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)† ‡

ERTH 8132DX-7 (1) 32W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)† ‡

ERTH 8232E (2) 32W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

ERTH 8232D (2) 32W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)* †

ERTH 8232DX (2) 32W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)† ‡

ERTH 8232DX-7 (2) 32W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)† ‡

ERTH 8142E (1) 42W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

ERTH 8142D (1) 42W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)* †

ERTH 8142DX (1) 42W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)† ‡

ERTH 8142DX-7 (1) 42W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)† ‡

ERTH 8242E (2) 42W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

ERTH 8242D (2) 42W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)* †

ERTH 8242DX (2) 42W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)† ‡

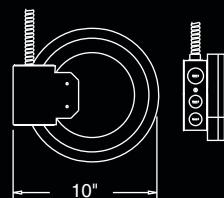
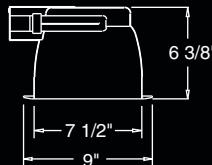
ERTH 8242DX-7 (2) 42W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)† ‡

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

♦ Other dimming ballast (Lutron) are available upon request at extra charge



EL 827C

Suspended Glass Trim with Clear Reflector
O.D.: 9"



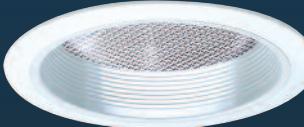
EL 831B
EL 831W

Reflector with Baffle
O.D.: 9"



EL 841C
EL 841F
EL 841G

Reflector Trim
O.D.: 9"



EL 843W
EL 843B

Baffle Trim with Regressed Lens
O.D.: 9"



EL 882C
EL 882G

Clear and Gold Reflector with Lens
O.D.: 9"



EL 889C
EL 889G

Reflector with Cross Blade
O.D.: 9"

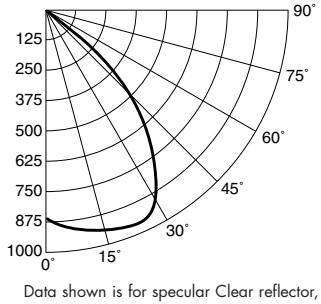
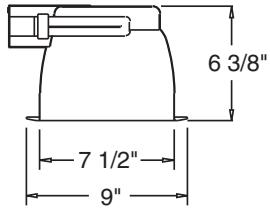
ERTH 8132E-841C

Luminaire:
Recessed Clear Reflector Downlight

Total Luminaire Efficiency:
66%

Lamp:
(1) 32 Watt Triple Biax C.F. Lamps

Luminous flux:
2400 lumens

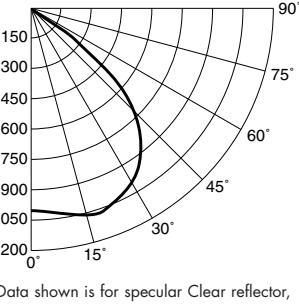
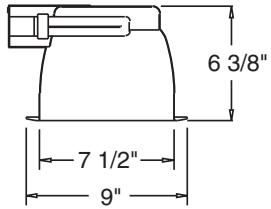


Luminaire:
Recessed Clear Reflector Downlight

Total Luminaire Efficiency:
66%

Lamp:
(1) 42 Watt Triple Biax C.F. Lamps

Luminous flux:
3200 lumens

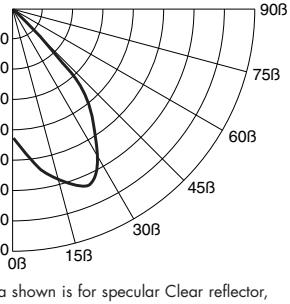
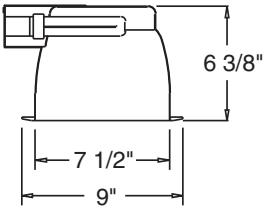
**ERTH 8232E-841C**

Luminaire:
Recessed Clear Reflector Downlight

Total Luminaire Efficiency:
53%

Lamp:
(2) 32W Triple Biax C.F. Lamp

Luminous flux:
2526 Lumens

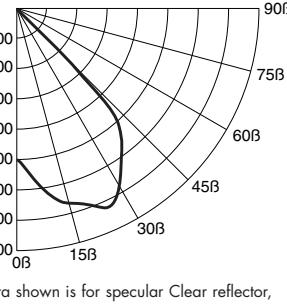
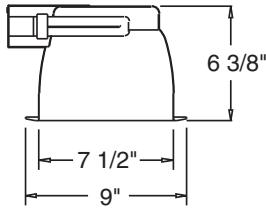
**ERTH 8242E-841C**

Luminaire:
Recessed Clear Reflector Downlight

Total Luminaire Efficiency:
54%

Lamp:
(2) 42W Triple Biax C.F. Lamp

Luminous flux:
3283 Lumens

**CANDLE-POWER VALUES**

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	859	45	501
5	890	50	280
10	921	55	65
15	939	60	17
20	949	65	0
25	961	70	0
30	906	75	0
35	796	80	0
40	659	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	1000	45	718
5	1013	50	549
10	1035	55	260
15	1060	60	3
20	1063	65	1
25	1039	70	0
30	1000	75	0
35	940	80	0
40	848	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	1085	45	416
5	1208	50	120
10	1356	55	20
15	1459	60	2
20	1541	65	0
25	1570	70	0
30	1396	75	0
35	1166	80	0
40	956	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	1505	45	700
5	1670	50	40
10	1895	55	7
15	2000	60	1
20	2060	65	0
25	2155	70	0
30	2041	75	0
35	1807	80	0
40	1610	85	0

CONE OF LIGHT

Distance to Plane	Initial Footcandles	Beam Diameter
5'6"	29	11'
6'6"	21	13"
8'0"	14	16'
10'0"	9	20'
12'0"	6	24'

Distance to Plane	Initial Footcandles	Beam Diameter
5'6"	33	12'
6'6"	24	14"
8'0"	16	17'
10'0"	10	21'
12'0"	7	26'

Distance to Plane	Initial Footcandles	Beam Diameter
5'6"	39	11'
6'6"	28	13"
8'0"	18	16'
9'0"	14	18'
10'0"	12	20'

Distance to Plane	Initial Footcandles	Beam Diameter
5'6"	52	11'
6'6"	37	13"
8'0"	25	17'
10'0"	16	21'
12'0"	11	25'

8" Energy Efficient Architectural CFL Wall Wash Retrofit



Energy Efficient

Height 6 3/8" - Ceiling Opening 7 3/4" to 8 1/2" - Trim O.D.: 9"

- Thermally protected magnetic fixtures are supplied with two single-lamp potted ballasts and may be wired for independent switching. Electronic units are supplied with one ballast for 4 pin lamps.
- Junction box with 1/2" and 3/4" pryouts, listed for 8 #12 90°C conductors.
- Emergency battery back-up ballast (optional).
- U.L. listed for damp location

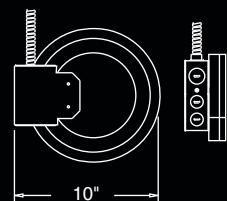
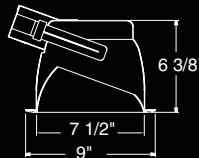
ERT 800	(2) 13W 2 Pin Lamp 120V N.P.F Ballast
ERT 800E	(2) 13W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast
ERT 800D	(2) 13W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*
ERT 850E	(2) 18W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast
ERT 850D	(2) 18W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*
ERT 850DX	(2) 18W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†
ERT 850DX-7	(2) 18W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†
ERT 875E	(2) 26W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast
ERT 875D	(2) 26W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*
ERT 875DX	(2) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†
ERT 875DX-7	(2) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†
ERT 880E	(2) 32W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast
ERT 885E	(2) 42W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

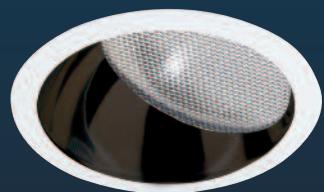
• Other dimming ballast (Lutron) are available upon request at extra charge



EL 921C
Wall Wash
Reflector Trim
O.D.: 9"



EL 921G
Wall Wash
Reflector Trim
O.D.: 9"



EL 921B
EL 921W
Wall Wash
Reflector Trim
O.D.: 9"

Luminaire:

Recessed Clear Reflector Wall Wash Downlight with Spread Lens

Total Luminaire Efficiency:

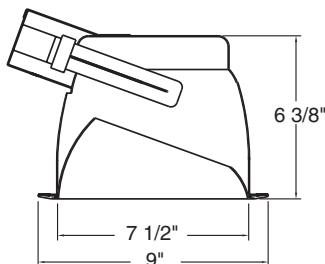
32%

Lamp:

(2) 26 Watt Quad C.F. Lamps

Luminous flux:

1800 lumens/lamp - Total: 3600 lumens

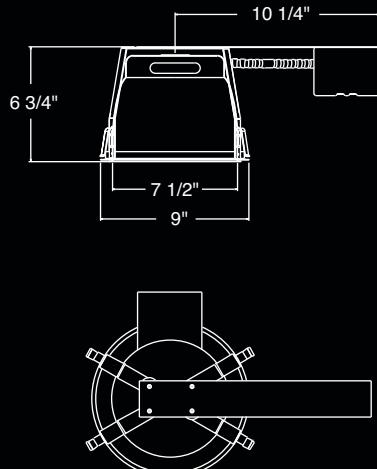


FOOTCANDLES ON WALLS - MULTIPLE FIXTURES

Distance From Ceiling	Fixtures Distance to wall							
	2'				3'			
	Fixtures Center-Spacing							
	2'	3'	3'	4'	2'	3'	3'	4'
1'	61 53 61	48 33 48	16 15 16	14 10 14				
2'	73 74 73	51 49 51	33 32 33	26 22 26				
3'	57 55 57	39 37 39	34 33 34	26 22 26				
4'	41 39 41	28 27 28	29 28 29	22 21 22				
5'	30 32 30	21 21 21	24 23 24	18 18 18				
6'	23 23 23	16 15 16	19 19 19	14 14 14				
7'	19 18 19	13 13 13	16 15 16	12 12 12				
8'	15 15 15	10 10 10	13 12 13	9 9 9				
9'	12 11 12	9 9 9	11 10 11	7 7 7				

Data shown above is for specular clear reflector,
for specular Gold reflector multiply by 0.89

8" Energy Efficient Remodel Compact Fluorescent Horizontal Downlight



Height: 6 3/4" - Ceiling Opening: 8" - Trim O.D.: 9"

- 8" remodel compact fluorescent downlight for two horizontally mounted lamps.
- 6 1/2" height allows use in 2 x 8 construction.
- Feed through listed.
- Damp location listed.
- Thermally protected "Class P", HPF electronic ballast (universal voltage).
- Emergency battery back-up ballast (optional).

ELRH 126E	(1) 26W 4 Pin Lamp 120/277V Electronic Ballast
ELRH 126D	(1) 26W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*
ELRH 126DX	(1) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†
ELRH 126DX-7	(1) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

ELRH 226E	(2) 26W 4 Pin Lamp 120/277V Electronic Ballast
ELRH 226D	(2) 26W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*
ELRH 226DX	(2) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†
ELRH 226DX-7	(2) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

ELRH 132E	(1) 32W 4 Pin Lamp 120/277V Electronic Ballast
ELRH 132D	(1) 32W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*
ELRH 132DX	(1) 32W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†
ELRH 132DX-7	(1) 32W 4 pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

ELRH 232E	(2) 32W 4 Pin Lamp 120/277V Electronic Ballast
ELRH 232D	(2) 32W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*
ELRH 232DX	(2) 32W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†
ELRH 232DX-7	(2) 32W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

ELRH 142E	(1) 42W 4 Pin Lamp 120/277V Electronic Ballast
ELRH 142D	(1) 42W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*
ELRH 142DX	(2) 42W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†
ELRH 142DX-7	(2) 42W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

ELRH 242E	(2) 42W 4 Pin Lamp 120/277V Electronic Ballast
ELRH 242D	(2) 42W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*
ELRH 242DX	(2) 42W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†
ELRH 242DX-7	(2) 42W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

• Other dimming ballast (Lutron) are available upon request at extra charge



EL 827C

Suspended Glass Trim with Clear Reflector
O.D.: 9"



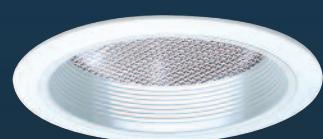
EL 831B

EL 831W
Reflector with Baffle
O.D.: 9"



EL 841C

EL 841G
Reflector Trim
O.D.: 9"



EL 843W

EL 843B
Baffle Trim with Regressed Lens
O.D.: 9"



EL 882C

EL 882G
Clear and Gold
Reflector with Regressed Lens
O.D.: 9"



EL 889C

EL 889G
Reflector with Cross Blade
O.D.: 9"

ELRH 226-841C, G

ELRH 226-831B, W

ELRH 226-882C, G

ELRH 226-843B, W

Luminaire:

Recessed Clear Reflector Downlight

Total Luminaire Efficiency:

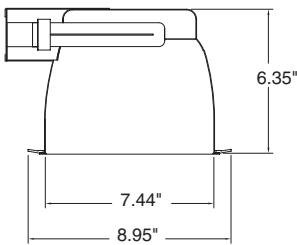
61%

Lamp:

(2) 26 Watt Triple Biax C.F. Lamps

Luminous flux:

1800 lumens/lamp - Total: 3600 lumens


Luminaire:

Recessed Clear Reflector with Baffle Downlight

Total Luminaire Efficiency:

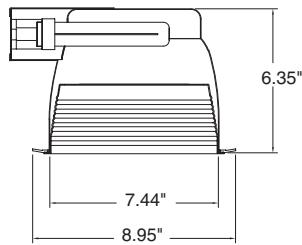
34%

Lamp:

(2) 26 Watt Triple Biax C.F. Lamps

Luminous flux:

1800 lumens/lamp - Total: 3600 lumens


Luminaire:

Recessed Clear Reflector Downlight with Prismatic Crystal Diffuser

Total Luminaire Efficiency:

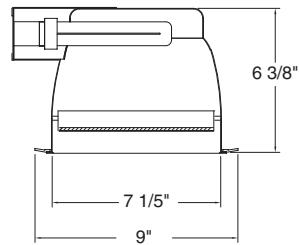
33%

Lamp:

(2) 26 Watt Triple Biax C.F. Lamps

Luminous flux:

1800 lumens/lamp - Total: 3600 lumens


Luminaire:

Recessed Baffle with Clear Diffuser

Total Luminaire Efficiency:

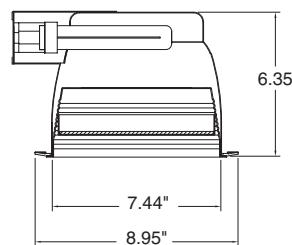
31%

Lamp:

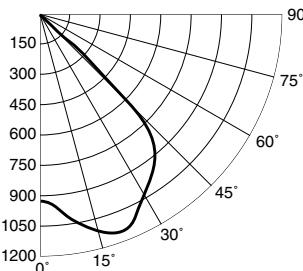
(2) 26 Watt Triple Biax C.F. Lamps

Luminous flux:

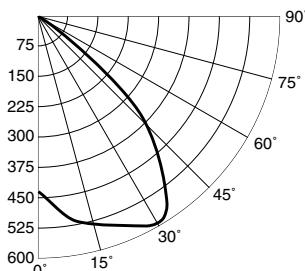
1800 lumens/lamp - Total: 3600 lumens



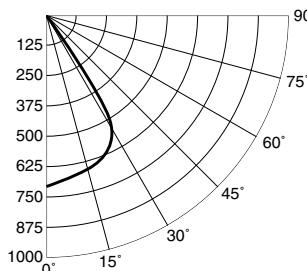
CP DISTRIBUTION



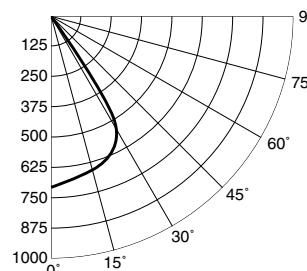
Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89. For 32W lamp, multiply by 1.34. For 42W lamp, multiply by 1.78



Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89. For 32W lamp, multiply by 1.34. For 42W lamp, multiply by 1.78



Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89. For 32W lamp, multiply by 1.34. For 42W lamp, multiply by 1.78



Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89. For 32W lamp, multiply by 1.34. For 42W lamp, multiply by 1.78

CANDLE-POWER VALUES

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	930	45	731
5	984	50	409
10	1052	55	64
15	1095	60	9
20	1100	65	5
25	1085	70	3
30	1033	75	3
35	992	80	0
40	906	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	440	45	395
5	452	50	258
10	493	55	125
15	463	60	24
20	569	65	3
25	585	70	2
30	591	75	1
35	552	80	0
40	485	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	826	45	217
5	825	50	156
10	811	55	112
15	775	60	85
20	708	65	63
25	617	70	43
30	513	75	22
35	409	80	2
40	303	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	732	45	208
5	721	50	143
10	715	55	100
15	700	60	75
20	665	65	55
25	603	70	39
30	514	75	23
35	406	80	7
40	295	85	0

CONE OF LIGHT

Distance to Plane	Initial Footcandles	Beam Diameter
6'	25.9	14.0'
8'	14.6	18.5'
10'	9.4	23.2'
12'	6.6	27.8'
14'	4.7	32.4'
16'	3.6	37.1'
18'	3.0	41.8'
20'	2.4	46.3'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	12.3	15.1'
8'	7.0	20.2'
10'	4.4	25.2'
12'	3.1	30.3'
14'	2.3	35.3'
16'	1.7	40.3'
18'	1.4	45.4'
20'	1.2	50.4'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	28.0	8.5'
8'	13.0	11.3'
10'	8.4	13.9'
12'	5.8	16.9'
14'	4.2	19.7'
16'	3.3	22.5'
18'	2.6	25.3'
20'	2.0	28.1'

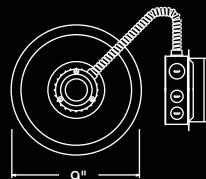
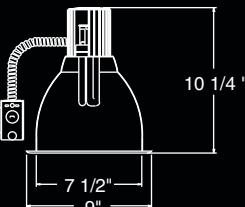
Distance to Plane	Initial Footcandles	Beam Diameter
6'	20.2	9.0'
8'	11.4	12.0'
10'	7.2	15.0'
12'	5.2	18.0'
14'	3.8	21.0'
16'	2.9	24.0'
18'	2.3	27.0'
20'	1.9	30.0'

8" Energy Efficient Architectural Vertical Compact Fluorescent Retrofit



**EL 816C
EL 816F
EL 816G**

Clear Reflector Trim
Lamp: (1) 42W PL Max
O.D.: 9"



Height: 10 1/4" - Ceiling Opening: 7 3/4" to 8 1/2" - Trim O.D.: 9"

- Compact fluorescent fixtures designed for one 13W to 42W compact fluorescent lamp.
- Trim support adjusts 3/4" to accommodate different ceiling thickness.
- U.L. damp location listed.
- U.L. feed through listed.
- Thermally protected "Class P", HPF electronic ballast (universal voltage).
- Emergency battery back-up ballast (optional).

ERTV 8113 (1) 13W 2 Pin Lamp 120V N.P.F Ballast

ERTV 8113E (1) 13W 4 Pin Lamp 120/277V Electronic Ballast

ERTV 8118E (1) 18W 4 Pin Lamp 120/277V Electronic Ballast

ERTV 8118D (1) 18W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

ERTV 8118DX (1) 18W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 8118DX-7 (1) 18W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 8126E (1) 26W 4 Pin Lamp 120/277V H.P.F Electronic Ballast

ERTV 8126D (1) 26W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

ERTV 8126DX (1) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 8126DX-7 (1) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 8132E (1) 32W 4 Pin Lamp 120/277V H.P.F Electronic Ballast

ERTV 8132D (1) 32W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

ERTV 8132DX (1) 32W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 8132DX-7 (1) 32W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 8142E (1) 42W 4 Pin Lamp 120/277V H.P.F Electronic Ballast

ERTV 8142D (1) 42W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

ERTV 8142DX (1) 42W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

ERTV 8142DX-7 (1) 42W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

♦ Other dimming ballast (Lutron) are available upon request at extra charge



**EL 828C
EL 828G**

Suspended Glass Trim
Lamp: (1) 42W PL Max
O.D.: 9"



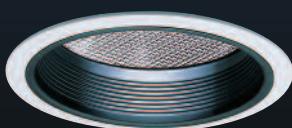
**EL 832G
EL 832C**

Reflector with Regressed Lens
Lamp: (1) 42W PL Max
O.D.: 9"



**EL 833B
EL 833W**

Reflector with Baffle
Lamp: (1) 42W PL Max
O.D.: 9"



**EL 852B
EL 852W**

Reflector with Baffle and
Regressed Lens
Lamp: (1) 42W PL Max
O.D.: 9"

ERTV 8126E-816C,G ERTV 8132E-816C,G

ERTV 8126E-833B,W ERTV 8132E-833B,W

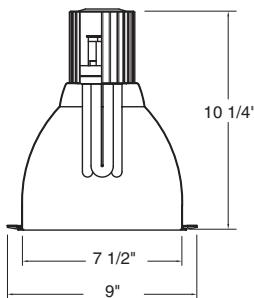
ERTV 8142E-816C ERTV 8142E-816G

ERTV 8142E-833B ERTV 8142E-833W

Luminaire:
Recessed Clear Reflector Downlight
Total Luminaire Efficiency:
64%

Lamp:
(1) 32W Triple Biax C.F. Lamp

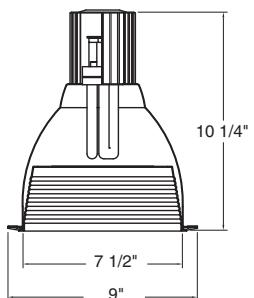
Luminous flux:
2200 Lumens



Luminaire:
Recessed Clear Reflector with Baffle Downlight
Total Luminaire Efficiency:
45%

Lamp:
(1) 32W Triple Biax C.F. Lamp

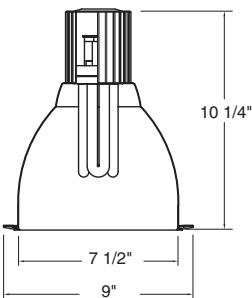
Luminous flux:
2200 Lumens



Luminaire:
Recessed Clear Reflector Downlight
Total Luminaire Efficiency:
62%

Lamp:
(1) 42W Quad Biax C.F. Lamp

Luminous flux:
3200 Lumens

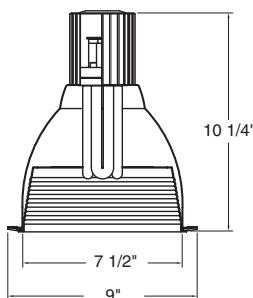


Luminaire:
Recessed Clear Reflector with Baffle Downlight

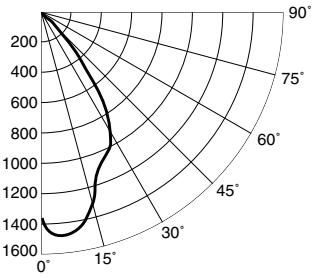
Total Luminaire Efficiency:
48%

Lamp:
(1) 42W Quad Biax C.F. Lamp

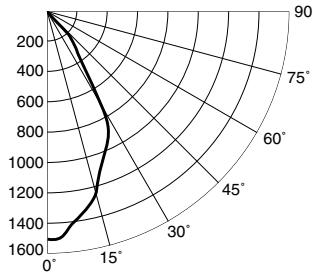
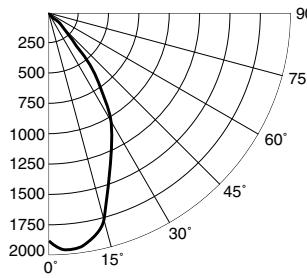
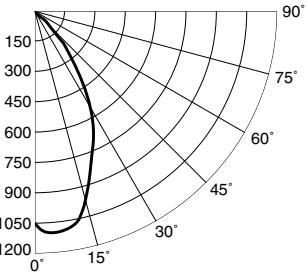
Luminous flux:
3200 Lumens



CP DISTRIBUTION



Data shown is for specular Clear reflector,
for specular Gold reflector, multiply by 0.89



CANDLE-POWER VALUES

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	1387	45	113
5	1480	50	12
10	1432	55	5
15	1290	60	2
20	1150	65	1
25	1030	70	0
30	910	75	0
35	715	80	0
40	398	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	1060	45	113
5	1122	50	31
10	1080	55	6
15	959	60	2
20	821	65	1
25	693	70	0
30	584	75	0
35	454	80	0
40	278	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	1932	45	203
5	1984	50	17
10	1947	55	6
15	1750	60	2
20	1466	65	1
25	1234	70	0
30	1047	75	0
35	823	80	0
40	547	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	1503	45	45
5	1458	50	4
10	1346	55	0
15	1226	60	0
20	1047	65	0
25	862	70	0
30	690	75	0
35	462	80	0
40	215	85	0

CONE OF LIGHT

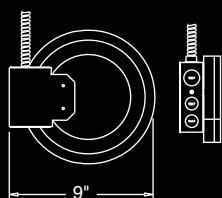
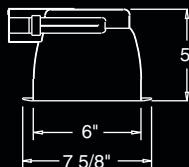
Distance to Plane	Initial Footcandles	Beam Diameter
6'	38.5	8.6'
8'	21.6	11.5'
10'	13.9	14.3'
12'	9.7	17.2'
14'	7.0	20.0'
16'	5.5	22.8'
18'	4.4	25.6'
20'	3.5	28.6'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	29.6	7.5'
8'	16.6	10.0'
10'	10.7	12.6'
12'	7.5	15.0'
14'	5.5	17.6'
16'	4.2	20.1'
18'	3.3	22.6'
20'	2.6	25.2'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	53.8	7'
8'	30.3	10'
10'	19.4	12'
12'	13.5	15'
14'	10.0	17'
16'	7.6	21'
18'	6.1	23'
20'	4.9	26'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	41.8	8'
8'	23.5	10'
10'	15.1	14'
12'	10.5	16'
14'	7.8	19'
16'	6.0	22'
18'	4.7	25'
20'	3.9	27'

7" Energy Efficient Architectural Horizontal Compact Fluorescent Retrofit



Height: 5" - Ceiling Opening: 6 1/8" to 7 1/2" - Trim O.D.: 7 5/8"

- Compact fluorescent housing for two horizontally mounted lamps.
- Trim support adjusts 3/4" to accommodate different ceiling thickness.
- 5 3/4" height allows use in 2 X 6 construction.
- U.L. damp location listed.
- U.L. feed through listed.
- Emergency battery back-up ballast (optional).
- Single two lamp, HPF Class P. 120-277V ballast on electronic units.
- Two single lamp potted, class P ballasts on units with magnetic ballasts (may be wired for independent switching).

ERTH 729	(2) 7W/9W 2 Pin Lamp 120V N.P.F. Ballast
ERTH 729HP	(2) 7W/9W 2 Pin Lamp 120V H.P.F. Ballast

ERTH 7213	(2)13W 2 Pin Lamp 120V N.P.F. Ballast
ERTH 7213HP	(2)13W 2 Pin Lamp 120V H.P.F. Ballast
ERTH 7213-277	(2)13W 2 Pin Lamp 120V H.P.F. Ballast
ERTH 7213E	(2)13W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast
ERTH 7213D	(2)13W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*.

ERTH 7118E	(1)18W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast
ERTH 7118D	(1)18W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*.
ERTH 7118DX	(1)18W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†.
ERTH 7118DX-7	(1)18W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†.

ERTH 7218E	(2)18W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast
ERTH 7218D	(2)18W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*.
ERTH 7218DX	(2)18W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†.
ERTH 7218DX-7	(2)18W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†.

347V electronic ballast available upon request

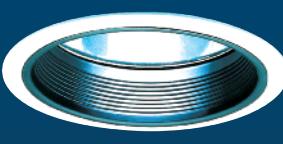
* Advance Mark VII dimming ballast or similar
† Advance Mark X dimming ballast or similar

♦ Other dimming ballast (Lutron) are available upon request at extra charge



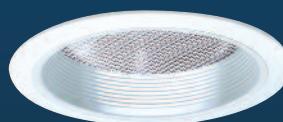
EL 721C
EL 721G
EL 721F

Clear Reflector Trim
O.D.: 7 1/2"



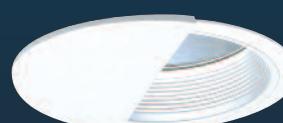
EL 730B
EL 730BZ
EL 730CP
EL 730N
EL 730W

Reflector with Baffle Trim
O.D.: 7 5/8"



EL 742BZ
EL 742CP
EL 742W
EL 742N
EL 742B

Reflector with Baffle and Regressed Lens
O.D.: 7 5/8"



EL 745W
EL 745B

Wall Wash Trim
O.D.: 7 5/8"



EL 762G
EL 762B
EL 762C
EL 762W

Reflector with Regressed Prismatic Lens
O.D.: 7 5/8"



EL 777C
Chrome Reflector
with Cross Blades
O.D.: 7 5/8"

Luminaire:

Recessed Clear Reflector Downlight

Total Luminaire Efficiency:

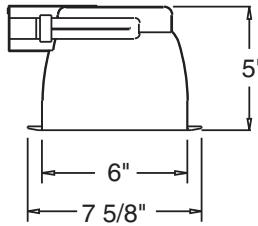
49%

Lamp:

(2) 9 Watt C.F. Lamps

Luminous flux:

600 lumens/lamp - Total: 1200 lumens

**Luminaire:**

Recessed Clear Reflector Downlight

Total Luminaire Efficiency:

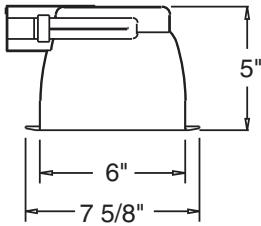
56%

Lamp:

(2) 13 Watt C.F. Lamps

Luminous flux:

900 lumens/lamp - Total: 1800 lumens

**Luminaire:**

Recessed Clear Reflector Downlight with Prismatic Crystal Diffuser

Total Luminaire Efficiency:

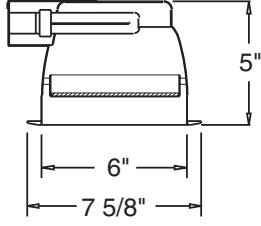
24%

Lamp:

(2) 13 Watt Quad C.F. Lamps

Luminous flux:

900 lumens/lamp - Total: 1800 lumens

**Luminaire:**

Recessed Clear Reflector Downlight with Baffle Regressed Lens

Total Luminaire Efficiency:

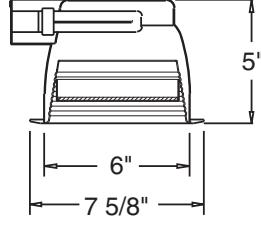
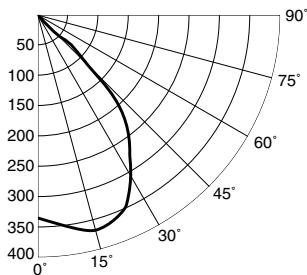
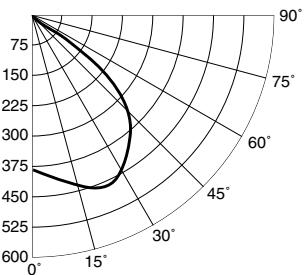
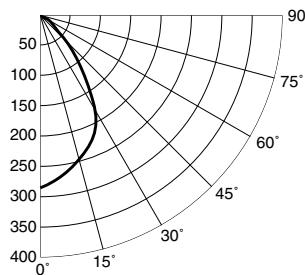
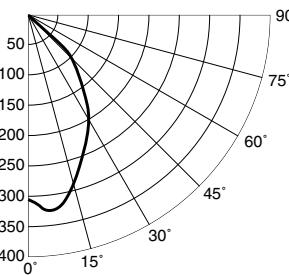
24%

Lamp:

(2) 13 Watt Quad C.F. Lamps

Luminous flux:

900 lumens/lamp - Total: 1800 lumens

**C P D I S T R I B U T I O N**Data shown is for specular Clear reflector,
for specular Gold reflector, multiply by 0.89Data shown is for specular Clear reflector,
for specular Gold reflector, multiply by 0.89Data shown is for specular Clear reflector,
for specular Gold reflector, multiply by 0.89Data shown is for specular Clear reflector,
for specular Gold reflector, multiply by 0.89**C A N D L E - P O W E R V A L U E S**

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	324	45	65
5	344	50	6
10	362	55	4
15	372	60	3
20	367	65	2
25	313	70	1
30	268	75	1
35	213	80	0
40	145	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	392	45	338
5	405	50	245
10	426	55	110
15	445	60	13
20	456	65	6
25	454	70	4
30	441	75	3
35	419	80	1
40	395	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	281	45	70
5	275	50	50
10	266	55	35
15	250	60	27
20	231	65	18
25	202	70	10
30	171	75	6
35	132	80	3
40	97	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	312	45	92
5	318	50	67
10	311	55	42
15	284	60	29
20	249	65	13
25	218	70	4
30	194	75	2
35	157	80	0
40	125	85	0

C O N E O F L I G H T

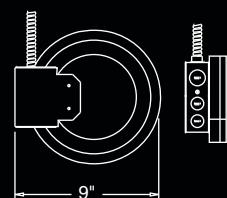
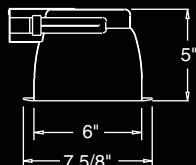
Distance to Plane	Initial Footcandles	Beam Diameter
6'	9.2	11.5'
8'	5.1	15.3'
10'	3.3	19.1'
12'	2.3	23.0'
14'	1.7	26.9'
16'	1.3	30.7'
18'	1.1	34.5'
20'	0.9	38.3'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	8.9	10.4'
8'	5.1	13.8'
10'	3.3	17.2'
12'	1.3	20.6'
14'	1.6	24.0'
16'	1.1	27.5'
18'	0.9	40.0'
20'	0.8	34.4'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	8.9	10.0'
8'	5.0	13.2'
10'	3.1	16.5'
12'	2.2	20.0'
14'	1.7	23.4'
16'	1.3	26.4'
18'	1.0	29.7'
20'	0.8	33.0'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	8.9	10.0'
8'	5.0	13.2'
10'	3.1	16.5'
12'	2.2	20.0'
14'	1.7	23.4'
16'	1.3	26.4'
18'	1.0	29.7'
20'	0.8	33.0'

7" Energy Efficient Architectural Horizontal Compact Fluorescent Retrofit



Height: 5" - Ceiling Opening: 6 1/8" to 7 1/2" - Trim O.D.: 7 5/8"

- High brightness downlights for use with 26W, 32W and 42W lamps.
- One ballast operates two 26W or single 32/42W lamp in kits with electronic ballasts (120/277V).
- Trim support adjusts 3/4" to accommodate different ceiling thickness. Trim can be installed without tools.
- 4 3/4" Height allows for use in 2 x 6 construction.
- U.L. damp location listed.
- U.L. feed through listed.
- Emergency battery back-up ballast (optional).

ERTH 7126E (1) 26W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

ERTH 7126D (1) 26W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*♦

ERTH 7126DX (1) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†♦

ERTH 7126DX-7 (1) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†♦

ERTH 7226E (2) 26W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

ERTH 7226D (2) 26W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*♦

ERTH 7226DX (1) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†♦

ERTH 7226DX-7 (1) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†♦

ERTH 7132E (1) 32W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

ERTH 7132D (1) 32W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*♦

ERTH 7132DX (1) 32W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†♦

ERTH 7132DX-7 (1) 32W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†♦

ERTH 7142E (1) 42W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

ERTH 7142D (1) 42W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*♦

ERTH 7142DX (1) 42W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†♦

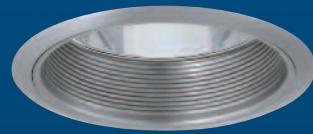
ERTH 7142DX-7 (1) 42W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†♦

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

♦ Other dimming ballast (Lutron) are available upon request at extra charge



EL 731BZ

EL 731CP

EL 731N

EL 731B

EL 731W

Reflector with
Baffle Trim
O.D.: 7 5/8"



EL 741G

EL 741C

Reflector Trim
O.D.: 7 5/8"



EL 743BZ

EL 743CP

EL 743W

EL 743N

EL 743B

Reflector with Baffle and
Regressed Lens
O.D.: 7 5/8"



EL 778C

Chrome Reflector
with Cross Blades

O.D.: 7 5/8"



EL 782G

EL 782B

EL 782C

EL 782W

Reflector with Regressed
Prismatic Lens
O.D.: 7 5/8"

ERTH 7126E-741C**ERTH 7132E-741C****ERTH 7142E-741C****ERTH 7226E-741C****Luminaire:**

Recessed Clear Reflector Downlight

Total Luminaire Efficiency:

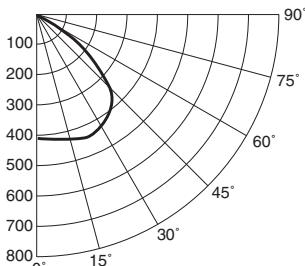
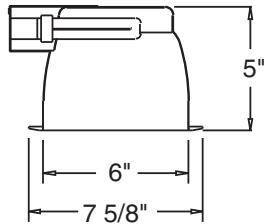
62%

Lamp:

(1) 26 Watt Triple Biax C.F. Lamps

Luminous flux:

1800 lumens



Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89.

Luminaire:

Recessed Clear Reflector Downlight

Total Luminaire Efficiency:

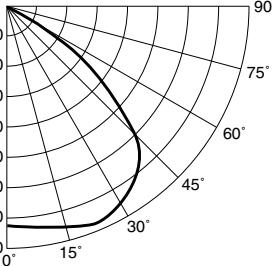
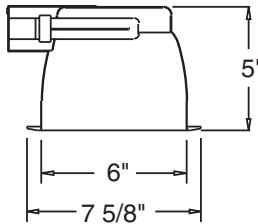
62%

Lamp:

(1) 32 Watt Triple Biax C.F. Lamps

Luminous flux:

2400 lumens



Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89.

Luminaire:

Recessed Clear Reflector Downlight

Total Luminaire Efficiency:

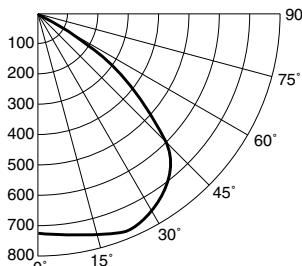
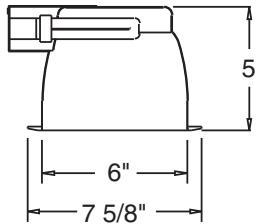
62%

Lamp:

(1) 42 Watt Triple Biax C.F. Lamps

Luminous flux:

3200 lumens



Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89.

Luminaire:

Recessed Clear Reflector Downlight

Total Luminaire Efficiency:

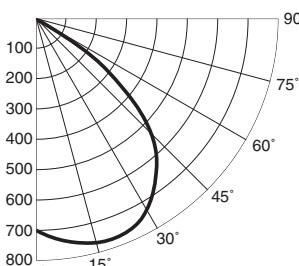
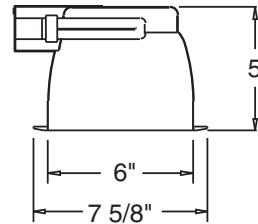
46%

Lamp:

(2) 26 Watt Quad C.F. Lamps

Luminous flux:

1800 lumens/lamp - Total: 3600 lumens



Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89.

C P D I S T R I B U T I O N**C A N D L E - P O W E R V A L U E S**

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	406	45	336
5	409	50	252
10	413	55	171
15	421	60	69
20	430	65	14
25	428	70	1
30	419	75	0
35	405	80	0
40	379	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	541	45	448
5	546	50	336
10	557	55	228
15	561	60	92
20	575	65	18
25	573	70	2
30	559	75	0
35	540	80	0
40	505	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	725	45	600
5	731	50	450
10	737	55	306
15	752	60	123
20	770	65	24
25	768	70	2
30	749	75	0
35	723	80	0
40	677	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	701	45	542
5	711	50	407
10	739	55	179
15	768	60	23
20	789	65	5
25	772	70	2
30	737	75	0
35	700	80	0
40	635	85	0

C O N E O F L I G H T

Distance to Plane	Initial Footcandles	Beam Diameter
5'6"	17	11'
6'6"	12	13'
8'0"	9	17'
10'0"	6	21'
12'0"	4	25'

Distance to Plane	Initial Footcandles	Beam Diameter
5'6"	22	11'
6'6"	16	13'
8'0"	11	17'
10'0"	7	21'
12'0"	5	25'

Distance to Plane	Initial Footcandles	Beam Diameter
5'6"	29	11'
6'6"	21	13'
8'0"	15	17'
10'0"	9	21'
12'0"	7	25'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	19	15'
8'	11	19'
10'	7	24'
12'	5	29'
14'	4	34'

7' Energy Efficient Architectural Compact Fluorescent Wall Wash Retrofit with Spread Lens



ENERGY EFFICIENT

Height: 5" - Ceiling Opening: 6 1/8" to 7 1/2" - Trim: O.D. 7 5/8"

- Compact fluorescent housing for two horizontally mounted lamps.
- Thermally protected magnetic fixtures are supplied with two single-lamp potted ballasts and may be wired for independent switching.
- Electronic units are supplied with one two-lamp ballast for 4 pin lamps (universal voltage).
- Junction box with 1/2" and 3/4" pryouts, listed for 8 #12 90°C conductors.
- Fits in 2 x 6 ceiling construction (5" deep).
- Emergency battery back-up ballast (optional).
- UL damp location.

ERT 600 (2) 7W/9W 2 Pin Lamp 120V N.P.F. Ballast

ERT 600HP (2) 7W/9W 2 Pin Lamp 120V H.P.F. Ballast

ERT 700 (2) 13W 2 Pin Lamp 120V N.P.F. Ballast

ERT 700E (2) 13W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

ERT 700D (2) 13W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*♦

ERT 750E (2) 18W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

ERT 750D (2) 18W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*♦

ERT 750DX (2) 18W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†♦

ERT 750DX-7 (2) 18W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†♦

ERT 775E (2) 26W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

ERT 775D (2) 26W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*♦

ERT 775DX (2) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†♦

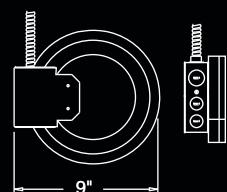
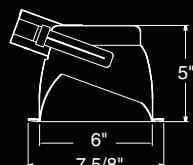
ERT 775DX-7 (2) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†♦

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

♦ Other dimming ballast (Lutron) are available upon request at extra charge



EL 621B
Wall Wash
Reflector Trim
O.D.: 7 5/8"



EL 621C
Wall Wash
Reflector Trim
O.D.: 7 5/8"



EL 621G
Wall Wash
Reflector Trim
O.D.: 7 5/8"

ERT 750-621C

Luminaire:

Recessed Clear Reflector Wall Wash Downlight with Spread Lens

Total Luminaire Efficiency:

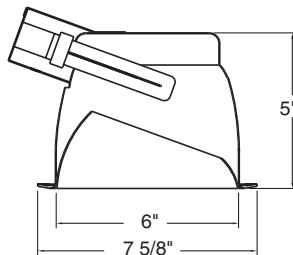
32%

Lamp:

(2) 26 Watt Quad C.F. Lamps

Luminous flux:

1800 lumens/lamp - Total: 3600 lumens

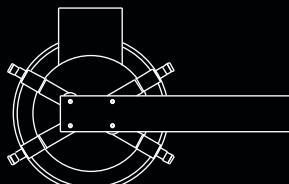
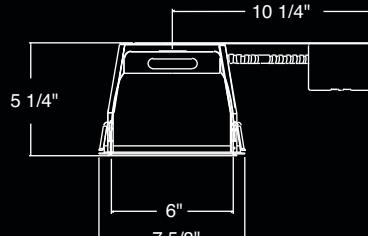


FOOTCANDLES ON WALLS - MULTIPLE FIXTURES

Distance From Ceiling	Fixtures Distance to wall					
	2'			3'		
	Fixtures Center-Spacing					
	2'	3'		3'		4'
1'	61	53	61	48	33	48
2'	73	74	73	51	49	51
3'	57	55	57	39	37	39
4'	41	39	41	28	27	28
5'	30	32	30	21	21	21
6'	23	23	23	16	15	16
7'	19	18	19	13	13	13
8'	15	15	15	10	10	10
9'	12	11	12	9	9	9
				11	10	11
					7	7
						7

Data shown above is for specular clear reflector,
for specular Gold reflector multiply by 0.89

7" Energy Efficient Remodel Compact Fluorescent Horizontal Downlights



Height 5 1/4"- Ceiling Opening: 6 1/2" - Trim O.D.: 7 5/8"

- Compact fluorescent housing for two horizontally mounted lamps.
- Integral electronic ballast
- Trim support adjusts 3/4" to accommodate different ceiling thickness.
- 5 1/4" height allows use in 2 X 6 construction.
- U.L. damp location listed
- U.L. feed through listed
- Thermally protected "Class P", HPF electronic ballast (universal voltage)
- Emergency battery back-up ballast (optional)

ELRH 213E (2) 13W 4 Pin Lamp 120/277 Electronic Ballast
ELRH 213D (2) 13W 4 Pin Lamp 120/277 0-10V Electronic Dimmable Ballast (4 wire)* •

ELRH 218E (2) 18W 4 Pin Lamp 120/277 Electronic Ballast
ELRH 218D (2) 18W 4 Pin Lamp 120/277 0-10V Electronic Dimmable Ballast (4 wire)* •
ELRH 218DX (2) 18W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (4 wire)† •
ELRH 218DX-7 (2) 18W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (4 wire)† •

ELRH 7126E (1) 26W 4 Pin Lamp 120/277 Electronic Ballast
ELRH 7126D (1) 26W 4 Pin Lamp 120/277 0-10V Electronic Dimmable Ballast (4 wire)* •
ELRH 7126DX (1) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (4 wire)† •
ELRH 7126DX-7 (1) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (4 wire)† •

ELRH 7132E (1) 32W 4 Pin Lamp 120/277 Electronic Ballast
ELRH 7132D (1) 32W 4 Pin Lamp 120/277 0-10V Electronic Dimmable Ballast (4 wire)* •
ELRH 7132DX (1) 32W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (4 wire)† •
ELRH 7132DX-7 (1) 32W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (4 wire)† •

ELRH 7142E (1) 42W 4 Pin Lamp 120/277 Electronic Ballast
ELRH 7142D (1) 42W 4 Pin Lamp 120/277 0-10V Electronic Dimmable Ballast (4 wire)* •
ELRH 7142DX (1) 42W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (4 wire)† •
ELRH 7142DX-7 (1) 42W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (4 wire)† •

Trim options for the above 26W, 32W, and 42W remodel downlights are available on Page 23.

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

• Other dimming ballast (Lutron) are available upon request at extra charge



EL 721C

EL 721G

EL 721F

Clear Reflector Trim

O.D.: 7 5/8"



EL 730CP

EL 730B

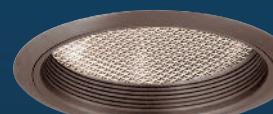
EL 730BZ

EL 730N

EL 730W

Reflector with Baffle Trim

O.D.: 7 5/8"



EL 742BZ

EL 742B

EL 742CP

EL 742W

EL 742N

Reflector with Baffle and Regressed Lens

O.D.: 7 5/8"

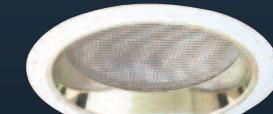


EL 745W,

EL 745B

Wall Wash Trim

O.D.: 7 5/8"



EL 762G

EL 762C

EL 762B

EL 762W

Reflector with Regressed Prismatic Lens

O.D.: 7 5/8"



EL 777C

Chrome Reflector with Cross Blades

O.D.: 7 5/8"

ELRH 213E-721C

Luminaire:

Recessed Clear Reflector Downlight

Total Luminaire Efficiency:

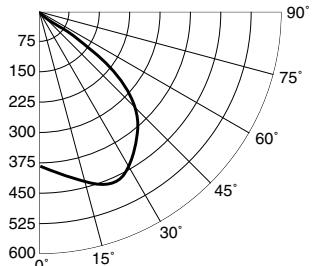
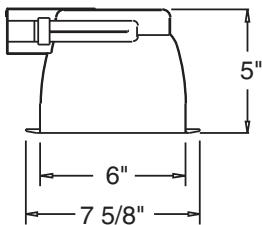
56%

Lamp:

(2) 13 Watt Quad C.F. Lamps

Luminous flux:

900 lumens/lamp - Total: 1800 lumens



Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89

ELRH 213E-730W

Luminaire:

Recessed Clear Reflector with Baffle Downlight

Total Luminaire Efficiency:

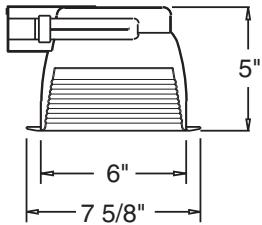
26%

Lamp:

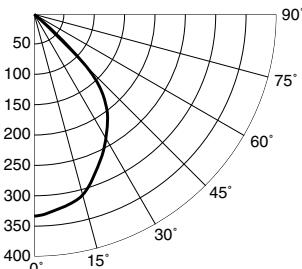
(2) 13 Watt Quad C.F. Lamps

Luminous flux:

900 lumens/lamp - Total: 1800 lumens



CP DISTRIBUTION



Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89

ELRH 213E-762C

Luminaire:

Recessed Clear Reflector Downlight with Prismatic Crystal Diffuser

Total Luminaire Efficiency:

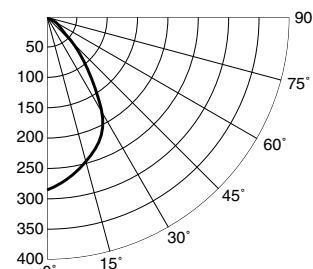
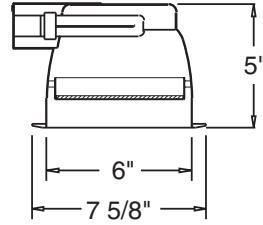
24%

Lamp:

(2) 13 Watt Quad C.F. Lamps

Luminous flux:

900 lumens/lamp - Total: 1800 lumens



Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89

CANDLE-POWER VALUES

Degrees Vertical	Average Candela	Degrees Vertical	Average Candela
0	392	45	338
5	405	50	245
10	426	55	110
15	445	60	13
20	456	65	6
25	454	70	4
30	441	75	3
35	419	80	1
40	395	85	0

Degrees Vertical	Average Candela	Degrees Vertical	Average Candela
0	342	45	111
5	338	50	50
10	333	55	6
15	324	60	4
20	298	65	2
25	268	70	1
30	240	75	1
35	209	80	0
40	167	85	0

Degrees Vertical	Average Candela	Degrees Vertical	Average Candela
0	281	45	70
5	275	50	50
10	266	55	35
15	250	60	27
20	231	65	18
25	202	70	10
30	171	75	6
35	132	80	3
40	97	85	0

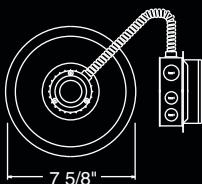
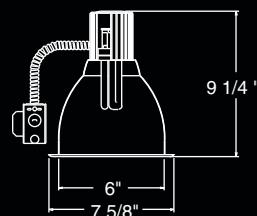
CONE OF LIGHT

Distance to Plane	Initial Footcandles	Beam Diameter
6'	8.9	10.4'
8'	5.1	13.8'
10'	3.3	17.2'
12'	1.3	20.6'
14'	1.6	24.0'
16'	1.1	27.5'
18'	0.9	40.0'
20'	0.8	34.4'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	9.5	10.0'
8'	5.4	13.2'
10'	3.5	16.5'
12'	2.5	20.0'
14'	1.7	23.4'
16'	1.3	26.4'
18'	1.0	29.7'
20'	0.8	33.0'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	8.9	10.0'
8'	5.0	13.2'
10'	3.1	16.5'
12'	2.2	20.0'
14'	1.7	23.4'
16'	1.3	26.4'
18'	1.0	29.7'
20'	0.8	33.0'

7" Energy Efficient Architectural Vertical Compact Fluorescent Retrofit



Height: 8 3/4" - Ceiling Opening: 6 1/8" to 7 1/2" - Trim O.D.: 7 5/8"

- Compact fluorescent fixtures designed for one vertical compact fluorescent lamp
- Trim support adjusts 3/4" to accommodate different ceiling thickness.
- U.L. damp location listed.
- U.L. feed through listed.
- Thermally protected "Class P", HPF electronic ballast (universal voltage)
- Emergency battery back-up ballast (optional)

ERTV 7113 (1) 13W 2 Pin Lamp 120V N.P.F. Magnetic Ballast
ERTV 7113E (1) 13W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

ERTV 7118E (1) 18W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast
ERTV 7118D (1) 18W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*.
ERTV 7118DX (1) 18W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)† .
ERTV 7118DX-7 (1) 18W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)† .

ERTV 7126E (1) 26W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast
ERTV 7126D (1) 26W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*.
ERTV 7126DX (1) 26W 4 Pin Lamp 120V Line Voltage Electronic Dlmmable Ballast (2 wire)† .
ERTV 7126DX-7 (1) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)† .

ERTV 7132E (1) 32W 4 Pin Lamp 120V N.P.F. Electronic Ballast
ERTV 7132D (1) 32W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*.
ERTV 7132DX (1) 32W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)† .
ERTV 7132DX-7 (1) 32W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)† .

ERTV 7142E (1) 42W 4 Pin Lamp 120V N.P.F. Electronic Ballast
ERTV 7142D (1) 42W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*.
ERTV 7142DX (1) 42W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)† .
ERTV 7142DX-7 (1) 42W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)† .



EL 716C
EL 716G
EL 716F

Reflector Trim
Lamp: (1) 42W PL Max
O.D.: 7 5/8"



EL 732C
EL 732G

Reflector with Regressed Lens
Lamp: (1) 42W PL Max
O.D.: 7 5/8"



EL 733CP
EL 733BZ
EL 733B
EL 733N
EL 733W

Reflector with Baffle Trim
Lamp: (1) 42W PL Max
O.D.: 7 5/8"



EL 752CP
EL 752BZ
EL 752W
EL 752B

Reflector with Baffle
and Regressed Lens
Lamp: (1) 42W PL Max
O.D.: 7 5/8"



EL 755W
EL 755B

Wall Wash with Baffle
Lamp: (1) 42W PL Max
O.D.: 7 5/8"

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

♦ Other dimming ballast (Lutron) are available
upon request at extra charge

ERTV 7113-733W

ERTV 7126-716C

ERTV 7132-716C ERTV 7142E-716C

Luminaire:

Recessed Clear Reflector with Baffle Downlight

Total Luminaire Efficiency:

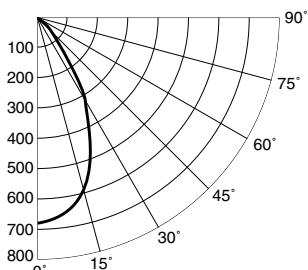
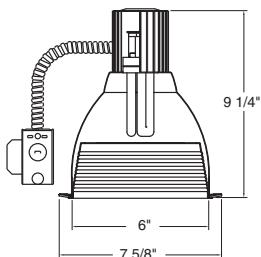
56%

Lamp:

(1) 13W Quad Tube C.F. Lamp

Luminous flux:

900 Lumens



Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89

Luminaire:

Recessed Clear Reflector Downlight

Total Luminaire Efficiency:

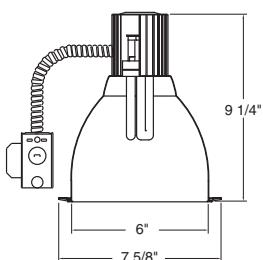
62%

Lamp:

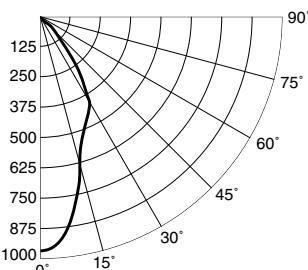
(1) 26W Quad Tube C.F. Lamp

Luminous flux:

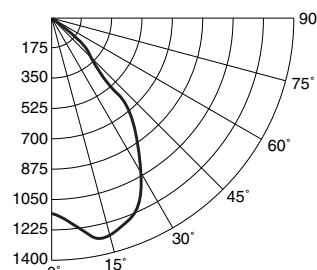
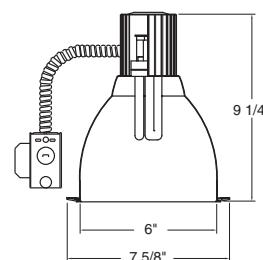
1800 Lumens



CP DISTRIBUTION



Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89. For 18W multiply by 0.7.



Data shown is for specular Clear reflector, for specular Gold reflector, multiply by 0.89. For 26W multiply by 0.75. For 42W multiply by 1.34.

CANDLE-POWER VALUES

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	683	45	90
5	679	50	39
10	644	55	3
15	591	60	0
20	526	65	0
25	444	70	0
30	346	75	0
35	252	80	0
40	160	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	955	45	123
5	932	50	63
10	769	55	3
15	606	60	1
20	543	65	0
25	479	70	0
30	407	75	0
35	333	80	0
40	229	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	1120	45	321
5	1181	50	233
10	1279	55	78
15	1314	60	2
20	1255	65	0
25	1189	70	0
30	1035	75	0
35	870	80	0
40	700	85	0

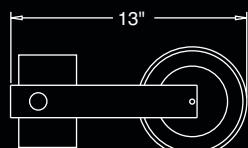
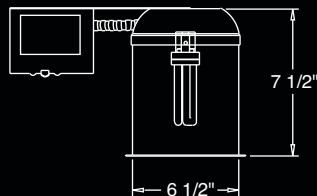
CONE OF LIGHT

Distance to Plane	Initial Footcandles	Beam Diameter
6'	19.0	7.1'
8'	10.7	9.2"
10'	6.9	12.3'
12'	4.8	14.4'
14'	3.6	16.5'
16'	2.8	19.7'
18'	2.2	21.8'
20'	1.8	24.0'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	26.5	5.6'
8'	15.0	7.6"
10'	9.5	9.5'
12'	6.6	11.3'
14'	5.0	13.2'
16'	3.8	15.0'
18'	3.0	17.0'
20'	2.5	18.5'

Distance to Plane	Initial Footcandles	Beam Diameter
5'6"	37	8'
6'6"	27	10"
8'0"	18	12'
10'0"	11	15'
12'0"	8	18'

6" Energy Efficient Remodel Compact Fluorescent Vertical Downlight



Height: 7 1/2" - Ceiling Opening: 6 3/8" - Trim: O.D. 7 1/4"

- Energy efficient 6" remodel can for 1, 13-42W compact fluorescent lamp (Not included).
- Thermally protected "Class P" ballast (Magnetic or electronic).
- Feed through junction box.
- 7 1/2" Height allows for use in 2 x 8 construction.
- U.L. damp location listed. • U.L. feed through listed.
- Emergency battery back-up ballast (optional)

EL 27RHIC

(1) 13W 2 Pin Lamp 120V N.P.F. Ballast. Can be covered with insulation.

EL 27RHICA

(1) 13W 2 Pin Lamp 120V N.P.F. Ballast

Can be covered in insulation. Airtight housing

EL 27RH

(1) 13W 2 Pin Lamp 120V N.P.F. Ballast

EL 27RH-HP

(1) 13W 2 Pin Lamp 120V H.P.F. Ballast

EL 27RH-277

(1) 13W 2 Pin Lamp 277V H.P.F. Ballast

EL 27RHE13

(1) 13W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

EL 27RH18

(1) 18W 2 Pin Lamp 120V N.P.F. Ballast

EL 27RHE18

(1) 18W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

EL 27RH18D

(1) 18W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

EL 27RH18DX

(1) 18W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 27RH18DX-7

(1) 18W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 27RHE26

(1) 26W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

EL 27RHE26-277

(1) 26W 4 Pin Lamp 277V H.P.F. Electronic Ballast

EL 27RH26D

(1) 26W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

EL 27RH26DX

(1) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 27RH26DX-7

(1) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 27RHE32

(1) 32W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

EL 27RHE32-277

(1) 32W 4 Pin Lamp 277V H.P.F. Electronic Ballast

EL 27RH32D

(1) 32W 4 Pin Lamp 120/277V 0-10V. Electronic Dimmable Ballast (4 wire)*

EL 27RH32DX

(1) 32W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 27RH32DX-7

(1) 32W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 27RHE42

(1) 42W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

EL 27RH42D

(1) 42W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

EL 27RH42DX

(1) 42W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 27RH42DX-7

(1) 42W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†



EL 13W

EL 13SH

Shower Trim with Fresnel Lens

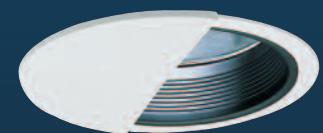
Lamp: (1) 42W Max CFL
O.D.: 8"



EL 13BZ **NEW**

EL 13CP

Bronze or Copper Shower Trim with Fresnel Lens
Lamp: (1) 42W Max CFL
O.D.: 8"



ELA 105B

Wall Wash Baffle

Lamp: (1) 42W Max CFL
O.D.: 7 1/4"



EL 16W

EL 16BZ **NEW**

EL 16SH

EL 16CP

Drop Opal Shower Trim
Lamp: (1) 42W Max CFL
O.D.: 8"



ELA 99SC

ELA 99SCBZ

ELA 99SCP **NEW**

Clear Reflector Trim
Lamp: (1) 42W Max CFL
O.D.: 7 1/4"

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

♦ Other dimming ballast (Lutron) are available upon request at extra charge

See next page for more trim options

6" Compact Fluorescent Trims

EL 12W

EL 12SH

EL 12G

EL 12N

EL 12BZ **NEW**

EL 12CP

Albalite Shower Trim

Lamp: (1) 42W Max CFL

O.D.: 8"



EL 13W

EL 13SH

EL 13G

EL 13BZ **NEW**

EL 13CP **NEW**

Shower Trim with Fresnel Lens

Lamp: (1) 42W Max CFL

O.D.: 8"



EL 16W

EL 16SH

EL 16G

EL 16BZ **NEW**

EL 16CP **NEW**

Drop Opal Shower Trim

Lamp: (1) 42W Max CFL

O.D.: 8"



ELA 95SC

ELA 95SG

ELA 95SB

ELA 95SW

Wall Wash with Reflector

Lamp: (1) 42W Max CFL

O.D.: 7 1/4"



ELA 99SBZ **NEW**

ELA 99SCP **NEW**

Bronze or Copper

Reflector Trim

Lamp: (1) 42W Max CFL

O.D.: 7 1/4"



ELA 99SG

ELA 99SC

Reflector Trim

Lamp: (1) 42W Max CFL

O.D.: 7 1/4"



ELA 99SW

ELA 99SCB

Reflector

Lamp: (1) 42W Max CFL

O.D.: 7 1/4"



ELA 101B

ELA 101N

ELA 101NB

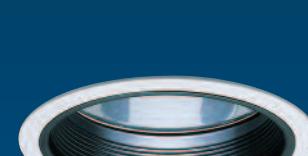
ELA 101BZ **NEW**

ELA 101CP **NEW**

Baffle with Reflector

Lamp: (1) 42W Max CFL

O.D.: 7 1/4"



ELA 101W

ELA 101NW

Baffle with Reflector

Lamp: (1) 42W Max CFL

O.D.: 7 1/4"



ELA 105B

Wall Wash Baffle

with Reflector

Lamp: (1) 42W Max CFL

O.D.: 7 1/4"



ELM 46B

ELM 46W

Stepped Baffle with

Regressed Drop Opal Lens

Lamp: (1) 42W Max CFL

O.D.: 7 1/4"



ELS 42C

ELS 42W

Reflector with

Regressed Prismatic Lens

Lamp: (1) 26W Max CFL

O.D.: 7 1/4"



EL 112W

EL 112G

EL 112SH

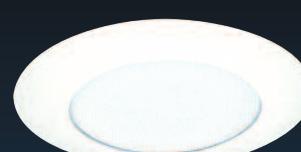
EL 112BZ **NEW**

Albalite Shower Trim

with Reflector

Lamp: (1) 42W Max CFL

O.D.: 8"



EL 113W

EL 113G

EL 113SH

EL 113BZ **NEW**

Shower Trim with

Reflector and Fresnel Lens

Lamp: (1) 42W Max CFL

O.D.: 8"



EL 116W

EL 116G

EL 116SH

Shower Trim with Reflector

and Drop Opal Lens

Lamp: (1) 42W Max CFL

O.D.: 8"



EL 116BZ **NEW**

EL 116CP **NEW**

Bronze or Copper Shower

Trim with Reflector and Drop

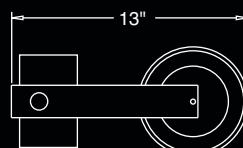
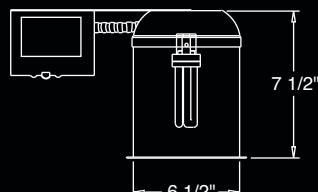
Opal Lens

Lamp: (1) 42W Max CFL

O.D.: 8"



6" Energy Efficient Remodel Compact Fluorescent Downlight (2) 13W and 18W



Height: 7 1/2" - Opening: 6 3/8" - Trim O.D.: 7 1/4"

- Thermally protected "Class P" magnetic or electronic ballast.
- Two lamps 13W (Not included).
- 7 1/2" height allows use in 2 x 8 construction.
- U.L. damp location listed.
- U.L. feed through listed.
- Emergency battery back-up ballast (optional)

EL 27RH-213IC (2) 13W 2 Pin Lamp 120V N.P.F. Ballast

Can be covered with insulation

EL 27RH-213ICA (2) 13W 2 Pin Lamp 120V N.P.F. Ballast

Can be covered with insulation. Airtight housing

EL 27RH-213 (2) 13W 2 Pin Lamp 120V N.P.F. Ballast

EL 27RH-213-H.P.F (2) 13W 2 Pin Lamp 120V N.P.F. Ballast

EL 27RH-213-277 (2) 13W 2 Pin Lamp 277V H.P.F. Ballast

EL 27RH213E (2) 13W 4 Pin Lamp 120/277V H.P.F Electronic Ballast

EL 27RH213D (2) 13W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*♦

EL 27RH218E (2) 18W 4 Pin Lamp 120/277V H.P.F Electronic Ballast

EL 27RH218D (2) 18W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*♦

EL 27RH218DX (2) 18W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†♦

EL 27RH218DX-7 (2) 18W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†♦



ELA 88SG

ELA 88SC

Reflector Trim

Lamp: 2-18W Lamps

O.D.: 7 1/4"



ELM 42BZ

ELM 42CP

NEW

Bronze or Copper Baffle
Trim with Prismatic Lens
Lamp: 2-18W Lamps
O.D.: 7 1/4"



ELM 42W

ELM 42B

Baffle Trim with Prismatic Lens
Lamp: 2-18W Lamps
O.D.: 7 1/4"



ELA 102B

ELA 102BZ

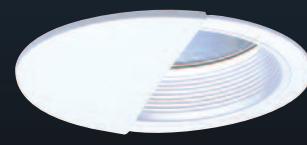
NEW

ELA 102CP

ELA 102N

ELA 102W

Baffle Trim with Reflector
Lamp: 2-18W Lamps
O.D.: 7 1/4"



ELA 205B

ELA 205W

Wall Wash Baffle Reflector Trim
Lamp: 2-18W Lamps
O.D.: 7 1/4"

See next page for
more trim options

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

♦ Other dimming ballast (Lutron) are available
upon request at extra charge

6" Energy Efficient Remodel Compact Fluorescent Downlight (2) 18W

EL 12W

EL 12SH

EL 12G

EL 12N

Albalite Shower Trim
Lamp: 2-18W-Quad
O.D.: 8"



EL 12BZ

NEW

EL 12CP

Bronze or Copper Albalite
Shower Trim
Lamp: 2-18W-Quad
O.D.: 8"



EL 13W

EL 13G

EL 13SH

EL 13BZ

NEW

EL 13CP

Fresnel Shower Trim
Lamp: 2-18W-PL-Quad



EL 16W

EL 16SH

EL 16G

Drop Opal Shower Trim
Lamp: 2-18W-Quad
O.D.: 8"



EL 16CP

NEW

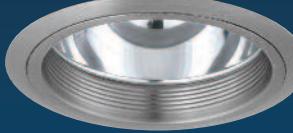
EL 16BZ

Copper or Bronze Drop
Opal Shower Trim
Lamp: 2-18W-Quad
O.D.: 8"



ELA 102N

Reflector with Baffle
Lamp: 2-18W-Quad
O.D.: 7 1/4"



ELA 102B

ELA 102W

Reflector with Baffle
Lamp: 2-18W-Quad
O.D.: 7 1/4"



ELA 85SC

ELA 85SG

ELA 85SB

ELA 85SW

Wall Wash Reflector
Lamp: 2-18W-Quad
O.D.: 7 1/4"



ELA 88SC

ELA 88SG

Reflector Trim

Lamp: 2-18W-Quad
O.D.: 7 1/4"



ELA 88SW

ELA 88SB

White or Black

Reflector Trim

Lamp: 2-18W-Quad
O.D.: 7 1/4"

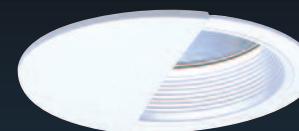


ELA 205B

ELA 205W

Wall Wash Reflector
with Baffle

Lamp: 2-18W-Quad
O.D.: 7 1/4"



ELM 42BZ

NEW

ELM 42CP

NEW

Bronze or Copper baffle
with Prismatic Lens

Lamp: 2-18W-Quad

O.D.: 7 1/4"



ELM 42W

ELM 42B

Baffle with Prismatic Lens

Lamp: 2-18W-Quad

O.D.: 7 1/4"



ELM 46B

ELM 46W

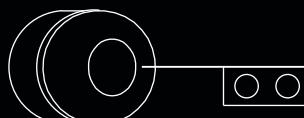
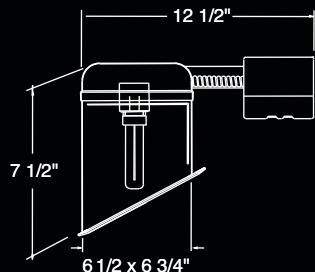
Stepped Baffle with
Regressed Drop Opal Lens

Lamp: 2-18W-Quad

O.D.: 7 1/4"



6" Energy Efficient Remodel Architectural Sloped CFL Vertical Downlight



Opening: 6 1/2" x 6 3/4" - Height: 7 1/2"

- Thermally protected "Class P" electronic or magnetic ballast
- One lamp 13W - 42W and two lamp configuration of 13W lamp
- U.L. Listed for damp location and branch wiring.
- Emergency battery back-up ballast (optional)

EL 613R (1) 13W 2 Pin Lamp 120V N.P.F. Ballast

EL 613R-HP (1) 13W 2 Pin Lamp 120V H.P.F. Ballast

EL 613R-277 (1) 13W 2 Pin Lamp 277V H.P.F. Ballast

EL 613RE (1) 13W 4 Pin Lamp 120/277V H.P.F. Electronic

EL 6213R (2) 13W 2 Pin Lamp 120V N.P.F. Ballast

EL 6213R-HP (2) 13W 2 Pin Lamp 120V H.P.F. Ballast

EL 6213R-277 (2) 13W 2 Pin Lamp 277V H.P.F. Ballast

EL 6213RE (2) 13W 4 Pin Lamp 120/277V H.P.F. Electronic

EL 6126RE (1) 26W 4 Pin Lamp 120/277V H.P.F. Electronic

EL 6126RD (1) 26W 4 Pin Lamp 120/277V H.P.F. Dimmable*

EL 6132RE (1) 32W 4 Pin Lamp 120/277V H.P.F. Electronic

EL 6132RD (1) 32W 4 Pin Lamp 120/277V H.P.F. Dimmable*

EL 6142RE (1) 42W 4 Pin Lamp 120/277V H.P.F. Electronic

EL 6142RD (1) 42W 4 Pin Lamp 120/277V H.P.F. Dimmable*



EL 12W

EL 12SH

EL 12BZ

EL 12CP

NEW

Shower Trim with Albalite Lens
O.D.: 8"



EL 13W

EL 13SH

EL 12BZ

EL 12CP

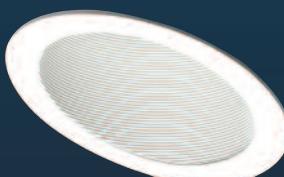
NEW

Shower Trim with Fresnel Lens
O.D.: 8"



EL 616C
EL 616G

Specular Reflector
O.D.: 7 1/2" x 8"



EL 622B
EL 622W

Sloped Phenolic Baffle
with Metal Ring
O.D.: 7 1/2"



EL 623W
Sloped Phenolic Baffle
with Plastic Ring
O.D.: 7 5/8" x 7 7/8"



EL 642C
EL 642G

Regressed Lens
O.D.: 8"

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

♦ Other dimming ballast (Lutron) are available
upon request at extra charge

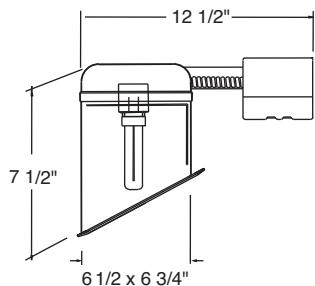
Luminaire:

Recessed Clear Reflector with Baffle
Downlight

Total Luminaire Efficiency:
26%

Lamp:
(2) 13 Watt Quad Tube C.F. Lamps

Luminous flux:
900 lumens/lamp - Total: 780 Lumens

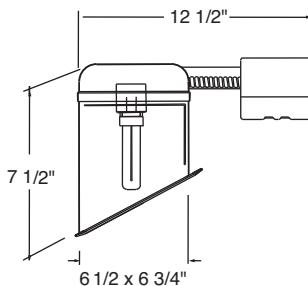
**Luminaire:**

Recessed Clear Reflector Downlight

Total Luminaire Efficiency:
62%

Lamp:
(1) 26W Quad Tube C.F. Lamp

Luminous flux:
1800 Lumens

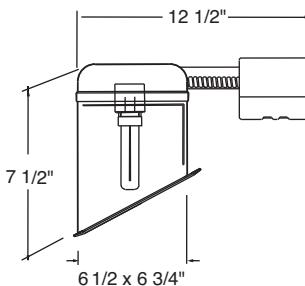
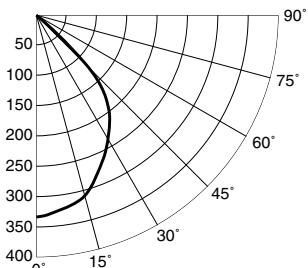
**Luminaire:**

Recessed Clear Reflector Downlight

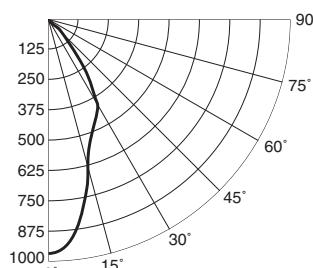
Total Luminaire Efficiency:
65%

Lamp:
(1) 32W Triple Tube C.F. Lamp

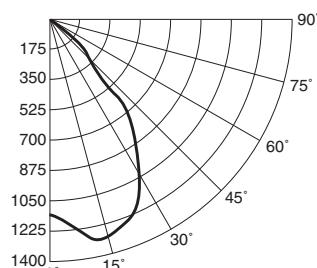
Luminous flux:
2400 Lumens

**C P D I S T R I B U T I O N**

Data shown is for specular Clear reflector,
for specular Gold reflector, multiply by 0.89



Data shown is for specular Clear reflector,
for specular Gold reflector, multiply by 0.89



Data shown is for specular Clear reflector,
for specular Gold reflector, multiply by 0.89

C A N D L E - P O W E R V A L U E S

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	342	45	111
5	338	50	50
10	333	55	6
15	324	60	4
20	298	65	2
25	268	70	1
30	240	75	1
35	209	80	0
40	167	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	955	45	123
5	932	50	63
10	769	55	3
15	606	60	1
20	543	65	0
25	479	70	0
30	407	75	0
35	333	80	0
40	229	85	0

Degrees Vertical	Average Candelas	Degrees Vertical	Average Candelas
0	1125	45	325
5	1197	50	231
10	1281	55	85
15	1300	60	3
20	1255	65	1
25	1185	70	0
30	1047	75	0
35	875	80	0
40	707	85	0

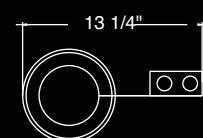
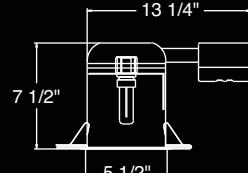
C O N E O F L I G H T

Distance to Plane	Initial Footcandles	Beam Diameter
6'	9.5	10.0'
8'	5.4	13.2'
10'	3.5	16.5'
12'	2.5	20.0'
14'	1.7	23.4'
16'	1.3	26.4'
18'	1.0	29.7'
20'	0.8	33.0'

Distance to Plane	Initial Footcandles	Beam Diameter
6'	26.5	5.6'
8'	15.0	7.6'
10'	9.5	9.5'
12'	6.6	11.3'
14'	5.0	13.2'
16'	3.8	15.0'
18'	3.0	17.0'
20'	2.5	18.8'

Distance to Plane	Initial Footcandles	Beam Diameter
5'6"	37	8'
6'6"	27	10'
8'0"	18	12'
10'0"	11	15'
12'0"	8	18'

5" Energy Efficient Remodel Compact Fluorescent Vertical Downlight



ELA 501B
Black Baffle
with Reflector
Lamp: PL-13W-42W
O.D.: 6 1/4"



ELA 501W
White Baffle
with Reflector
Lamp: PL-13W-42W
O.D.: 6 1/4"



ELA 599SG
ELA 599SW
ELA 599SC
ELA 599SB
Reflector Trim
Lamp: PL-13W-42W
O.D.: 6 1/4"



ELS 542C
ELS 542W
Regressed Albalite Lens
Lamp: PL-13W-26W
O.D.: 6 1/4"

Height: 7 1/2" - Ceiling Opening: 5 1/2" - Trim O.D.: 6 1/4"

- Energy efficient compact fluorescent 5" remodel housing
- Thermally protected "Class P" ballast
- One lamp 13W - 42W
- 7 1/2" height allows use in 2 x 8 construction.
- U.L. damp location listed.
- U.L. feed through listed.
- Emergency battery back-up ballast (optional)

EL 527RHIC (1) 13W 2 Pin Lamp 120V N.P.F. Ballast

For Insulated Ceiling Applications.

EL 527RHICA (1) 13W 2 Pin Lamp 120V N.P.F. Ballast

For Insulated Ceiling Applications. Airtight housing

EL 527RH (1) 13W 2 Pin Lamp 120V N.P.F. Ballast

EL 527RH-HP (1) 13W 2 Pin Lamp 120V H.P.F. Ballast

EL 527RH-277 (1) 13W 2 Pin Lamp 277V H.P.F. Ballast

EL 527RHE13 (1) 13W 4 Pin Lamp 120/277V Electronic Ballast

EL 527RH18 (1) 18W 2 Pin Lamp 120V N.P.F. Ballast

EL 527RHE18 (1) 18W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

EL 527RH18D (1) 18W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

EL 527RH18DX (1) 18W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 527RH18DX-7 (1) 18W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 527RHE26 (1) 26W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

EL 527RH26D (1) 26W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

EL 527RH26DX (1) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 527RH26DX-7 (1) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 527RHE32 (1) 32W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

EL 527RH32D (1) 32W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

EL 527RH32DX (1) 32W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 527RH32DX-7 (1) 32W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 527RHE42 (1) 42W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

EL 527RH42D (1) 42W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*

EL 527RH42DX (1) 42W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†

EL 527RH42DX-7 (1) 42W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

♦ Other dimming ballast (Lutron) are available upon request at extra charge

See next page for more trim options

5" Compact Fluorescent Trims

**EL 512W
EL 512N
EL 512SH**

Albalite Shower Trim
Lamp: 42W Max CFL
O.D.: 6 1/4"



**EL 512CP
EL 512BZ** **NEW**

Albalite Shower Trim
Lamp: 42W Max CFL
O.D.: 6 1/4"



**EL 513W
EL 513SH
EL 513BZ
EL 513CP** **NEW**

Fresnel Lens
Shower Trim
Lamp: 42W Max CFL
O.D.: 6 1/4"



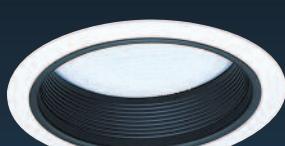
**EL 516W
EL 516G
EL 516BZ
EL 516CP** **NEW**

Drop Opal Shower Trim
Lamp: 42W Max CFL
O.D.: 6 1/4"



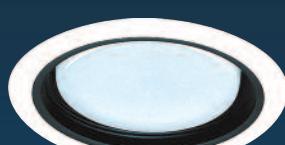
**EL 542W
EL 542B**

Regressed Albalite
Lens with Baffle
Lamp: 26W Max CFL
O.D.: 6 1/4"



EL 546B

Baffle with Regressed
Drop Opal Lens
Lamp: 42W Max CFL
O.D.: 6 1/4"



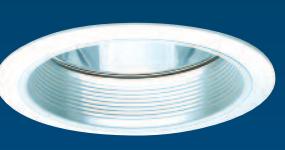
ELA 501B

Black Baffle
with Reflector
Lamp: 42W Max CFL
O.D.: 6 1/4"



ELA 501W

White Baffle
with Reflector
Lamp: 42W Max CFL
O.D.: 6 1/4"



**ELA 599SC
ELA 599SG**

Reflector Trim
Lamp: 42W Max CFL
O.D.: 6 1/4"



**ELA 599SCBZ
ELA 599SCCP** **NEW**

Bronze or Copper
Reflector Trim
Lamp: 42W Max CFL
O.D.: 6 1/4"



ELA 599SW

White Reflector Trim
Lamp: 42W Max CFL
O.D.: 6 1/4"



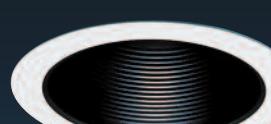
**ELM 530CP
ELM 530BZ** **NEW**

Metal Baffle Trim
Lamp: 42W Max CFL
O.D.: 6 1/4"



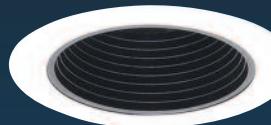
**ELM 530W
ELM 530B
ELM 530N**

Metal Baffle Trim
Lamp: 42W Max CFL
O.D.: 6 1/4"



**ELP 530BZ
ELP 530CP**

Phenolic Baffle Trim
Lamp: 42W Max CFL
O.D.: 6 1/4"



ELP 530WCP

**ELP 530WBZ
ELP 530BCP
ELP 530BBZ** **NEW**

Phenolic Baffle Trim
Lamp: 42W Max CFL
O.D.: 6 1/4"



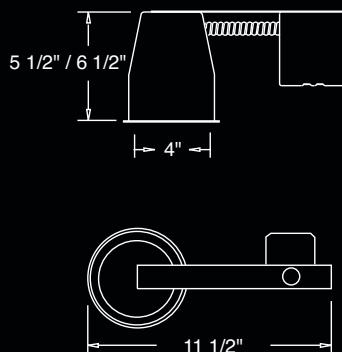
ELS 542C

**ELS 542W
ELS 542B
ELS 542G**

Reflector with Regressed
Prismatic Lens
Lamp: 26W Max CFL
O.D.: 6 1/4"



4" Energy Efficient Remodel Compact Fluorescent Vertical Downlight



Height: 5 1/2" or 6 1/2" - Ceiling Opening: 4 1/2" - Trim O.D.: 4 3/4"

- Energy efficient miniature compact fluorescent 4" remodel housing.
- Thermally protected "Class P" ballast
- Junction box is listed for through branch circuit wiring and has four 1/2" knockouts with true pryout slots.
- Housing can be removed from ceiling for junction box access.
- 5 1/2" Height allows installation in 2 x 6 construction.(For 13W units)
- 6 1/2" Height on 18W and 26W units
- UL Listed.
- Emergency battery back-up ballast (optional)

EL 99RPL (1) 13W 2 Pin Lamp 120V Magnetic N.P.F. Remodel Housings

EL 99RPLE (1) 13W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast

EL 99R18E (1) 18W 4 Pin Triple Lamp 120/277V H.P.F. Electronic Ballast 6 1/2" Deep Housing

EL 99R18D (1) 18W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*♦
6 1/2" Deep Housing

EL 99R18DX (1) 18W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†♦
6 1/2" Deep Housing

EL 99R18DX-7 (1) 18W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†♦
6 1/2" Deep Housing

EL 99R26E (1) 26W 4 Pin Lamp 120/277V H.P.F. Electronic Ballast 6 1/2" Deep Housing

EL 99R26D (1) 26W 4 Pin Lamp 120/277V 0-10V Electronic Dimmable Ballast (4 wire)*♦
6 1/2" Deep Housing

EL 99R26DX (1) 26W 4 Pin Lamp 120V Line Voltage Electronic Dimmable Ballast (2 wire)†♦
6 1/2" Deep Housing

EL 99R26DX-7 (1) 26W 4 Pin Lamp 277V Line Voltage Electronic Dimmable Ballast (2 wire)†♦
6 1/2" Deep Housing

347V electronic ballast available upon request

* Advance Mark VII dimming ballast or similar

† Advance Mark X dimming ballast or similar

♦ Other dimming ballast (Lutron) are available
upon request at extra charge

EL 99RPLE-999C

Luminaire:

Recessed Clear Reflector Downlight

Total Luminaire Efficiency:

52%

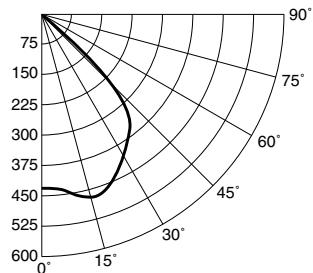
Lamp:

(1) 13W Triple Biax CFL Lamp

Luminous flux:

860 Lumens

CP DISTRIBUTION



Data shown is for specular Clear reflector,
for specular Gold reflector, multiply by 0.89

CANDLE-POWER VALUES

Degrees Vertical	Average Candela	Degrees Vertical	Average Candela
0	428	45	250
5	435	50	75
10	453	55	3
15	461	60	1
20	463	65	0
25	437	70	0
30	406	75	0
35	375	80	0
40	337	85	0

CONE OF LIGHT

Distance to Plane	Initial Footcandles	Beam Diameter
5'6"	11	11'
6'6"	8	13'
8'0"	5	16'
10'0"	4	18'
12'0"	3	20'

4" Compact Fluorescent Trims

EL 9112W

EL 9112C

EL 9112BZ

NEW

Shower Trim with Reflector and Frosted Lens
Lamp: 1-26W CFL
O.D.: 4 3/4"



EL 9116W

EL 9116C

EL 9116B

EL 9116G

Shower Trim with Reflector and Drop Opal Lens
Lamp: 1-26W Max CFL
O.D.: 4 3/4"



EL 912N

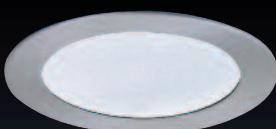
EL 912W

EL 912G

EL 912C

EL 912B

Shower Trim with Frosted Lens
Lamp: 1-26W CFL
O.D.: 4 3/4"



EL 912CP **NEW**

EL 912BZ **NEW**

Shower Trim with Frosted Lens
Lamp: 1-26W CFL
O.D.: 4 3/4"



EL 913W

EL 913G

EL 913BZ

NEW

Shower Trim with Fresnel Lens
Lamp: 1-26W CFL
O.D.: 4 3/4"



EL 916B

EL 916C

EL 916G

Shower Trim with Drop Opal Lens
Lamp: 1-26W Max CFL
O.D.: 4 3/4"



EL 915CP **NEW**

EL 915BZ **NEW**

EL 915B

EL 915C

Reflector Trim
Lamp: 1-26W CFL
O.D.: 4 3/4"



EL 9113W

EL 9113G

Shower Trim with Reflector and Fresnel Lens

Lamp: 1-26W CFL

O.D.: 4 3/4"



EL 9113BZ **NEW**

EL 9113CP **NEW**

Shower Trim with Reflector and Fresnel Lens

Lamp: 1-26W CFL

O.D.: 4 3/4"



EL 993CP **NEW**

EL 993BZ

EL 993W

EL 993N

EL 993B

Brushed Nickel Baffle Trim

Lamp: 1-26W Max CFL

O.D.: 4 3/4"



EL 993BN

EL 993NB

EL 993NW

EL 993WN

Phenolic Baffle Trim

Lamp: 1-26W Max CFL

O.D.: 4 3/4"



EL 999C

EL 999B

EL 999G

EL 999W

Reflector Trim

Lamp: 1-26W Max CFL

O.D.: 4 3/4"



EL 999GG

EL 999CC

EL 999BZ

EL 999CP **NEW**

Reflector Trim

Lamp: 1-26W Max CFL

O.D.: 4 3/4"



EL 915W

EL 915N

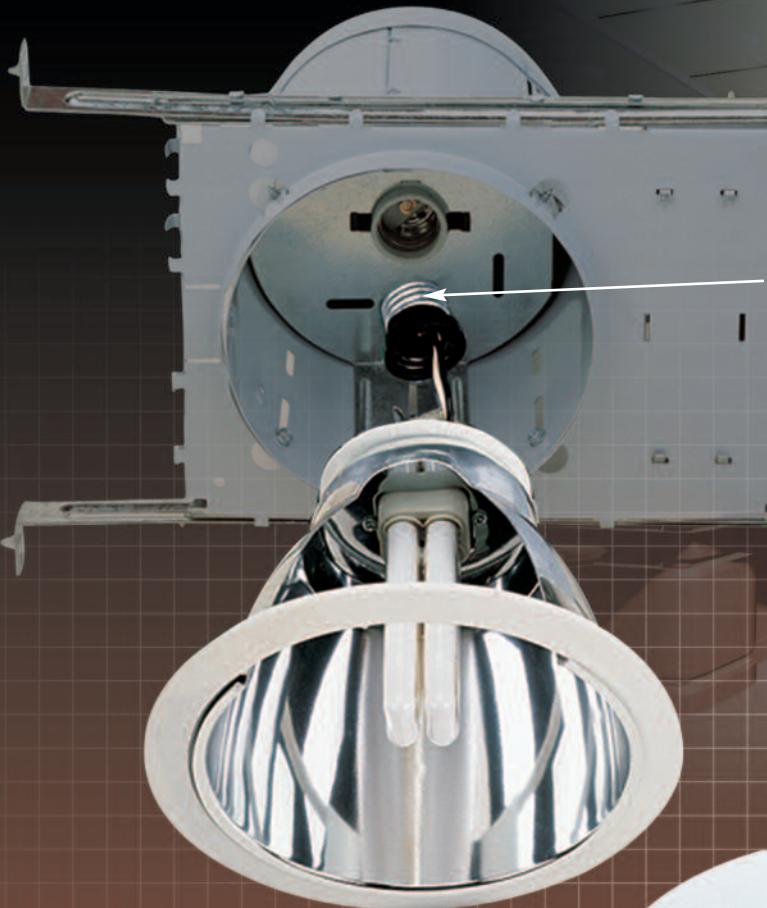
EL 915G

Reflector Trim

Lamp: 1-26W CFL

O.D.: 4 3/4"





U.s. Patent #2,118,474

Screw Base Adapter

for quick installation

Low Voltage Kit

Permits MR16 lamps usage

Variety of Trim Options

to match your aesthetic needs



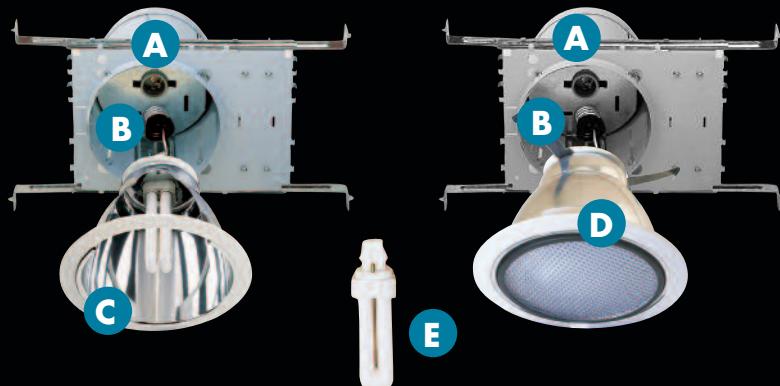
Elco Lighting Retrofit Kits

Quick and Easy to Install • Efficient

Elco Lighting's retrofit kits are available in 5" and 6". These kits operate efficiently and economically. They are well suited for applications that require easy installation.

6" Energy Efficient Magnetic Compact Fluorescent Retrofit Kits

ELCO retrofit compact fluorescent units operate efficiently and economically; They are especially well suited for installations that require continuous lighting. These units with long life compact fluorescent lamps provide good color rendition and generate less heat.



- Reflectorized 13W retrofit kit for 6" recessed downlight
- Thermally protected "Class P" 120V magnetic N.P.F. ballast
- Easy installation

6" Retrofit Magnetic Compact Fluorescent Kits

INCLUDES TRIM, BALLAST AND SCREW-IN ADAPTER

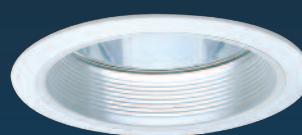
KPL 201B

Retrofit with Baffle
Lamp: 13W 2 Pin Quad
O.D.: 7 1/4"



KPL 201W

Retrofit with Baffle
Lamp: 13W 2 Pin Quad
O.D.: 7 1/4"



KPL 62C

Retrofit with Lens
Lamp: 13W 2 Pin Quad
O.D.: 7 1/4"



KPL 66C

Retrofit with Reflector
Lamp: 13W 2 Pin Quad
O.D.: 7 1/4"



KPL 66G

Retrofit with Reflector
Lamp: 13W 2 Pin Quad
O.D.: 7 1/4"



KPL 66W

KPL 66B
Retrofit with Reflector
Lamp: 13W 2 Pin Quad
O.D.: 7 1/4"



KPW 201W

KPW 201B
Wall Wash
Lamp: 13W 2 Pin Quad
O.D.: 7 1/4"



KPW 66G

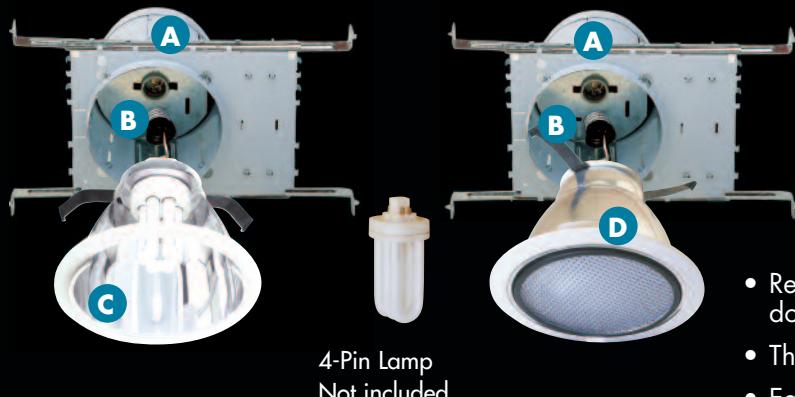
KPW 66C
KPW 66W
KPW 66B
Wall Wash
Lamp: 13W 2 Pin Quad
O.D.: 7 1/4"



U.S. Patent #2,118,474

6" Energy Efficient Electronic Compact Fluorescent Retrofit Kits

13W, 18W, 26W and 32W



A 6" Universal housing. (Not included)

B Screw base adapter attaches to the housing socket.

C Elco retrofit kit includes reflector, electronic ballast and socket adapter.

D Reflector: Prismatic lens.

- Reflectorized 13W - 32W retrofit kit for 6" recessed downlight for better efficiency.
- Thermally protected "Class P" 120V H.P.F. electronic ballast.
- Easy installation.

6" Retrofit Electronic Compact Fluorescent Kits

INCLUDES TRIM, BALLAST AND SCREW-IN ADAPTER

KPL-62E (1) 13W 4 Pin

KPL-63E (1) 18W 4 Pin

KPL-64E (1) 26W 4 Pin

KPL-65E (1) 32W 4 Pin

Retrofit with Lens, 120V

O.D.: 7 1/4"



KPL-66E (1) 13W 4 Pin

KPL-67E (1) 18W 4 Pin

KPL-68E (1) 26W 4 Pin

KPL-69E (1) 32W 4 Pin

Retrofit with Clear finish, 120V

O.D.: 7 1/4"



KPL-66EW (1) 13W 4 Pin

KPL-67EW (1) 18W 4 Pin

KPL-68EW (1) 26W 4 Pin

KPL-69EW (1) 32W 4 Pin

Retrofit with White finish, 120V

O.D.: 7 1/4"



KPL-66EG (1) 13W 4 Pin

KPL-67EG (1) 18W 4 Pin

KPL-68EG (1) 26W 4 Pin

KPL-69EG (1) 32W 4 Pin

Retrofit with Gold finish, 120V

O.D.: 7 1/4"



KPL-201E (1) 13W 4 Pin

KPL-202E (1) 18W 4 Pin

KPL-203E (1) 26W 4 Pin

KPL-204E (1) 32W 4 Pin

Retrofit with White Baffle, 120V

O.D.: 7 1/4"



KPW-66E (1) 13W 4 Pin

KPW-67E (1) 18W 4 Pin

KPW-68E (1) 26W 4 Pin

KPW-69E (1) 32W 4 Pin

Wall Wash with Clear Reflector, 120V

O.D.: 7 1/4"



KPW-201E (1) 13W 4 Pin

KPW-202E (1) 18W 4 Pin

KPW-203E (1) 26W 4 Pin

KPW-204E (1) 32W 4 Pin

Retrofit with White Baffle, 120V

O.D.: 7 1/4"



* 26W and 32W kits are not for use in IC housings.

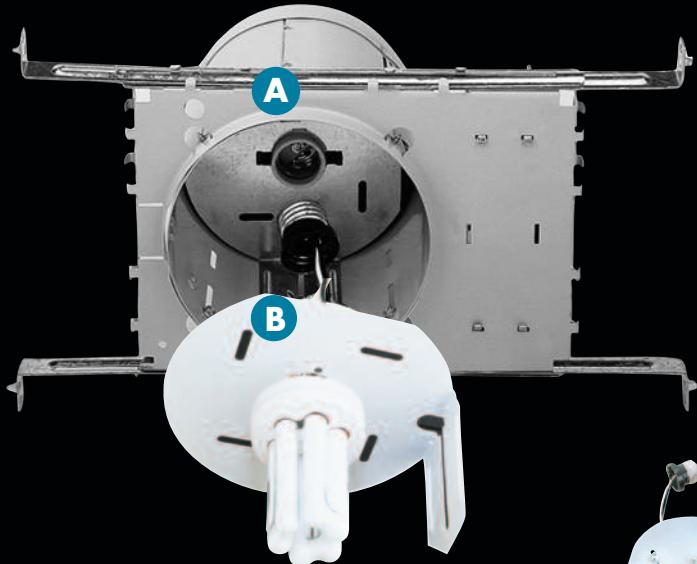
U.S. Patent #2,118,474

Compact Fluorescent Lamp Data

Catalog #	Wattage (W)	Type Lamp	Fluorescent					Incandescent	
			Chrome	Gold	White	Black	Lumens	Wattage	Lumens
KPL 66E	13	Quad	•	•	•	•	900	60W	870
KPL 67E	18	Quad	•	•	•	•	1,250	75W	1150
KPL 68E	26	PL-T26	•	•	•	•	1,800	100W	1750
KPL 69E	32	PL-T32	•	•	•	•	2,400	135W	2500
KPL 201E	13	Quad			•	•	900	60W	870
KPL 202E	18	Quad			•	•	1,250	75W	1200
KPL 203E	26	PL-T26			•	•	1,800	100W	1800
KPL 204E	32	PL-T32			•	•	2,400	135W	2500
KPL 62E	13	Quad	•	•	•	•	900	60W	850
KPL 63E	18	Quad	•	•	•	•	1,250	75W	1150
KPL 64E	26	PL-T26	•	•	•	•	1,800	100W	1750
KPL 65E	32	PL-T32	•	•	•	•	2,400	135W	2400
KPL 201E	13	Quad			•	•	900	60W	870
KPL 202E	18	Quad			•	•	1,250	75W	1200
KPL 203E	26	PL-T26			•	•	1,800	100W	1800
KPL 204E	32	PL-T32			•	•	2,400	135W	2500

6" Energy Efficient Electronic Compact Fluorescent Retrofit Kits

13W, 18W, 26W and 32W



A 6" Universal Housing. (Not included)

B Screw base adapter attaches to the housing socket.

Trim not included.



KPL-13E
Lamp: (1) 13W
4 Pin 120V

KPL-18E
Lamp: (1) 18W
4 Pin 120V

KPL-26E
Lamp: (1) 26W
4 Pin 120V

KPL-32E
Lamp: (1) 32W
4 Pin 120V

6" Energy Efficient Magnetic Compact Fluorescent Retrofit

(1) 13W and (2) 13W

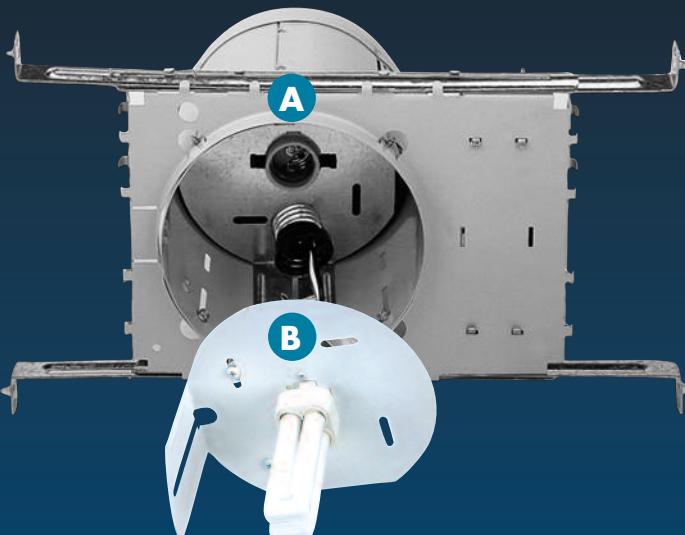
Compact Fluorescent Retrofit Kit

- 13W "Class P" 120V thermally protected ballast
- Fits most 6" recessed housings.
- Available in hard wire or Edison screw base.
- For (1)13W or (2)13W Quad "PL" (2 Pin).
- Easy installation.
- Lamp not included.

KPL-213 N.P.F. Ballast Compact Fluorescent Kit.
Fits most 6" Universal Housings.
Lamp: (2) 13W Quad 2 Pin 120V



KPL-113 N.P.F. Ballast Compact Fluorescent Kit.
Fits most 6" Universal Housings.
Lamp: (1) 13W 2 Pin 120V



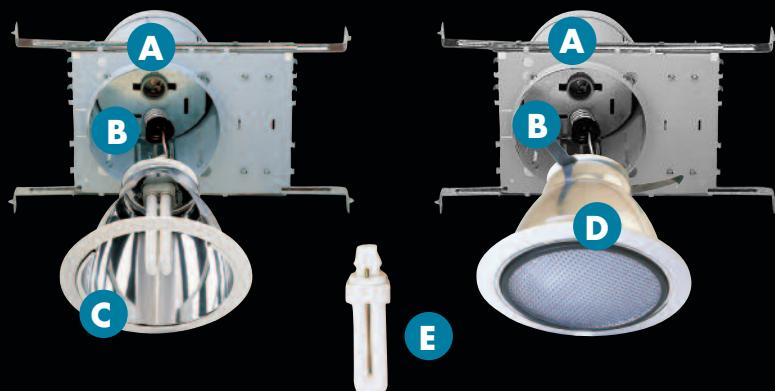
A 6" Universal Housing (Existing).

B Screw base adapter attaches to the housing socket.

* 26W and 32W kits are not for use in IC housings.

5" Energy Efficient Magnetic Compact Fluorescent Retrofit Kits

ELCO retrofit compact fluorescent units operate efficiently and economically; They are especially well suited for installations that require continuous lighting. These units with long life compact fluorescent lamps provide good color rendition and generate less heat.



- A** 5" Universal Housing. (Not included)
- B** Screw base adapter attaches to the housing socket.
- C** ELCO's retrofit kit includes reflector, ballast and socket adapter.
- D** Reflector; Prismatic Lens.
- E** 13W 2 Pin GX23-2 lamp. (Not included)

- Reflectorized 13W retrofit kit for 5" recessed downlight
- Thermally protected "Class P" 120V magnetic N.P.F. ballast
- Easy installation

5" Retrofit Magnetic Compact Fluorescent Kits

INCLUDES TRIM, BALLAST AND SCREW-IN ADAPTER

KPL 56G

Retrofit with Reflector
Lamp: 13W 2 Pin Quad
O.D.: 7 1/4"



KPL 501B

Retrofit with Baffle
Lamp: 13W 2 Pin Quad
O.D.: 7 1/4"



KPL 56W

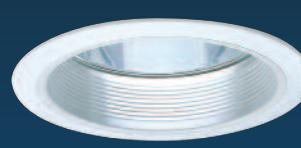
KPL 56B

Retrofit with Reflector
Lamp: 13W 2 Pin Quad
O.D.: 7 1/4"



KPL 501W

Retrofit with Baffle
Lamp: 13W 2 Pin Quad
O.D.: 7 1/4"



KPL 56C

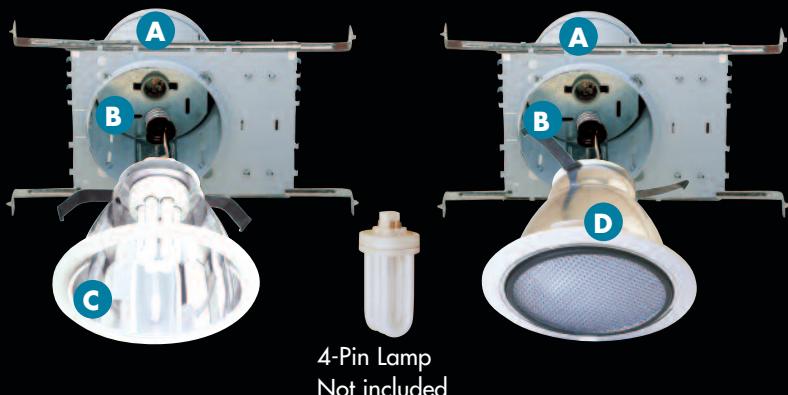
Retrofit with Reflector
Lamp: 13W 2 Pin Quad
O.D.: 7 1/4"



U.S. Patent #2,118,474

NEW! Energy Efficient Electronic Compact Fluorescent Retrofit Kits

13W, 18W, 26W and 32W



- A** 5" Universal housing. (Not included)
- B** Screw base adapter attaches to the housing socket.
- C** Elco retrofit kit includes reflector, electronic ballast and socket adapter.
- D** Reflector: Prismatic lens.

- Reflectorized 13W - 32W retrofit kit for 5" recessed downlight for better efficiency.
- Thermally protected "Class P" 120V H.P.F. electronic ballast.
- Easy installation.

5" Retrofit Electronic Compact Fluorescent Kits

INCLUDES TRIM, BALLAST AND SCREW-IN ADAPTER

KPL-56E (1) 13W 4 Pin
KPL-57E (1) 18W 4 Pin
KPL-58E (1) 26W 4 Pin
KPL-59E (1) 32W 4 Pin
 Retrofit with Clear finish, 120V
 O.D.: 7 1/4"



KPL-56EG (1) 13W 4 Pin
KPL-57EG (1) 18W 4 Pin
KPL-58EG (1) 26W 4 Pin
KPL-59EG (1) 32W 4 Pin
 Retrofit with Gold finish, 120V
 O.D.: 7 1/4"



KPL-56EW (1) 13W 4 Pin
KPL-57EW (1) 18W 4 Pin
KPL-58EW (1) 26W 4 Pin
KPL-59EW (1) 32W 4 Pin
 Retrofit with White finish, 120V
 O.D.: 7 1/4"



KPL-501E (1) 13W 4 Pin
KPL-502E (1) 18W 4 Pin
KPL-503E (1) 26W 4 Pin
KPL-504E (1) 32W 4 Pin
 Retrofit with White Baffle, 120V
 O.D.: 7 1/4"



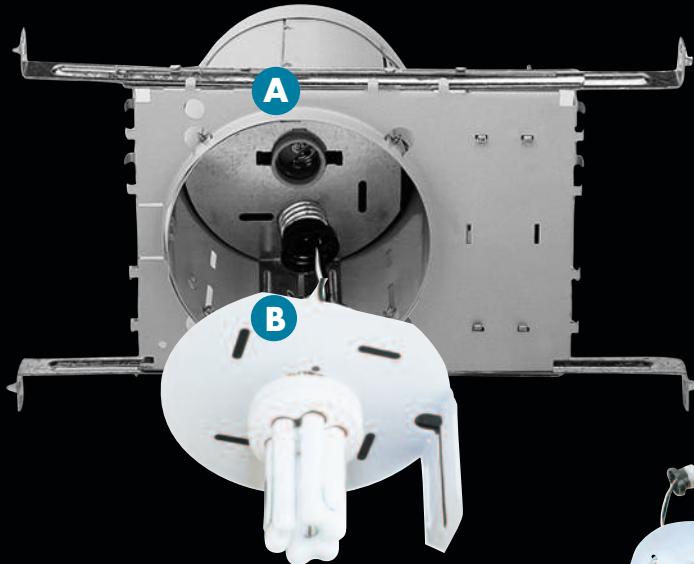
* 26W and 32W kits are not for use in IC housings.

U.S. Patent #2,118,474

Compact Fluorescent Lamp Data							Fluorescent		Incandescent	
Catalog #	Wattage (W)	Type Lamp	Chrome	Gold	White	Black	Lumens	Wattage	Lumens	
KPL 56E	13	Quad	•	•	•	•	900	60W	870	
KPL 57E	18	Quad	•	•	•	•	1,250	75W	1150	
KPL 58E	26	PL-T26	•	•	•	•	1,800	100W	1750	
KPL 59E	32	PL-T32	•	•	•	•	2,400	135W	2500	
KPL 501E	13	Quad			•	•	900	60W	870	
KPL 502E	18	Quad			•	•	1,250	75W	1200	
KPL 503E	26	PL-T26			•	•	1,800	100W	1800	
KPL 504E	32	PL-T32			•	•	2,400	135W	2500	

NEW! Energy Efficient Electronic Compact Fluorescent Retrofit Kits

13W, 18W, 26W and 32W



A 5" Universal Housing. (Not included)

B Screw base adapter attaches to the housing socket.

Trim not included.



KPL-513E
Lamp: (1) 13W
4 Pin 120V

KPL-518E
Lamp: (1) 18W
4 Pin 120V

KPL-526E
Lamp: (1) 26W
4 Pin 120V

KPL-532E
Lamp: (1) 32W
4 Pin 120V

5" Energy Efficient Magnetic Compact Fluorescent Retrofit

(1) 13W and (2) 13W

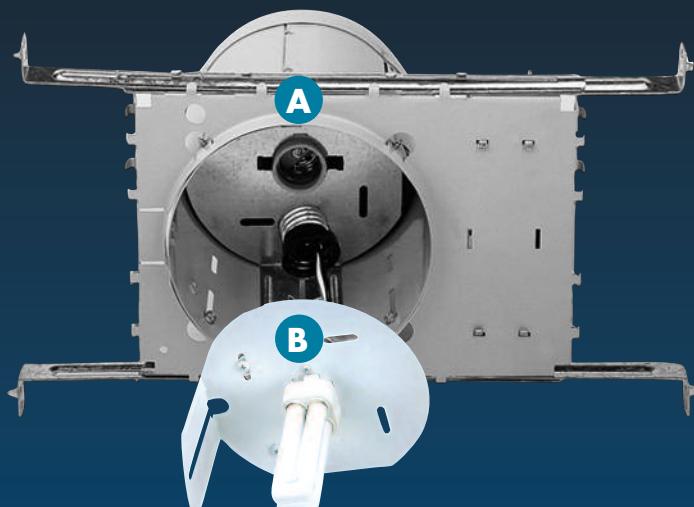
Compact Fluorescent Retrofit Kit

- 13W "Class P" 120V thermally protected ballast
- Fits most 5" recessed housings.
- Available in hard wire or Edison screw base.
- For (1)13W or (2)13W Quad "PL" (2 Pin).
- Easy installation.
- Lamp not included.

KPL-5113 N.P.F. Ballast Compact Fluorescent Kit.
Fits most 5" Universal Housings.
Lamp: (1) 13W 2 Pin 120V



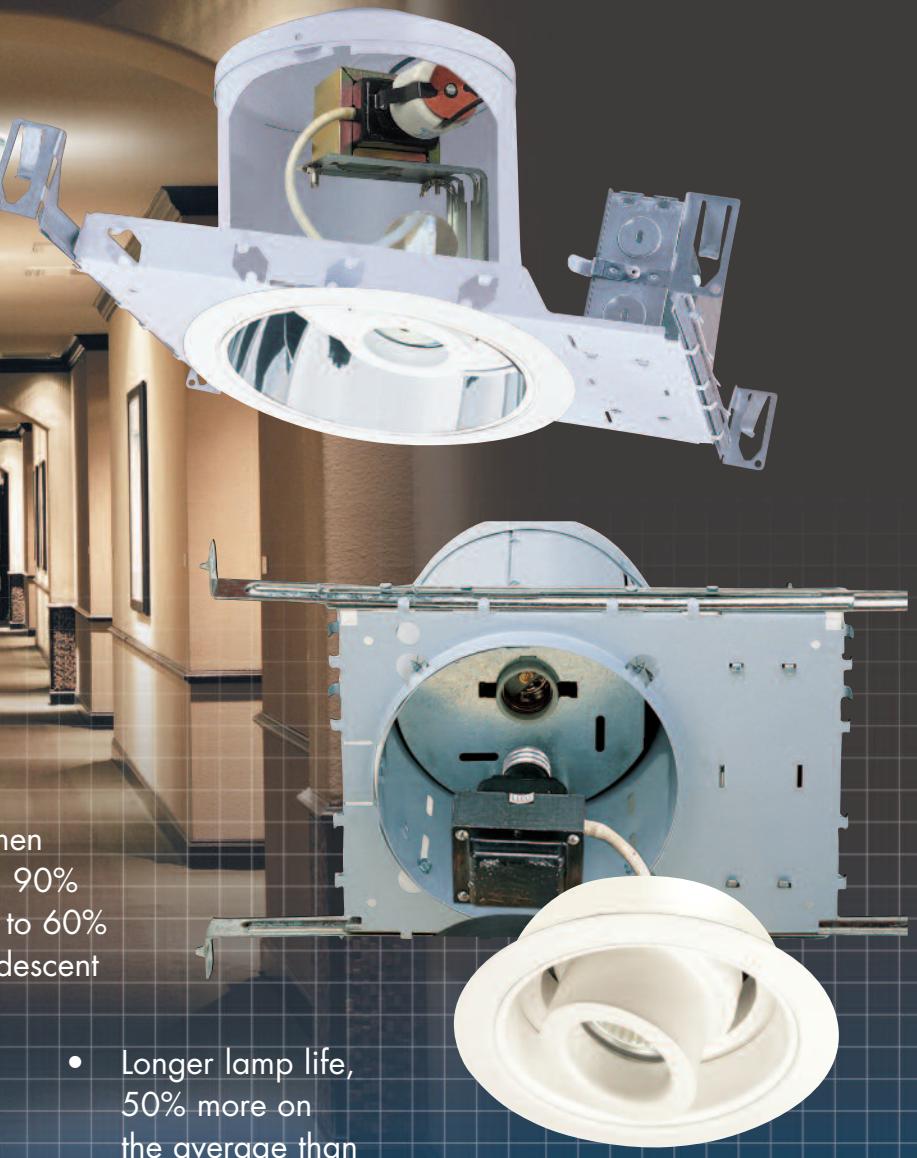
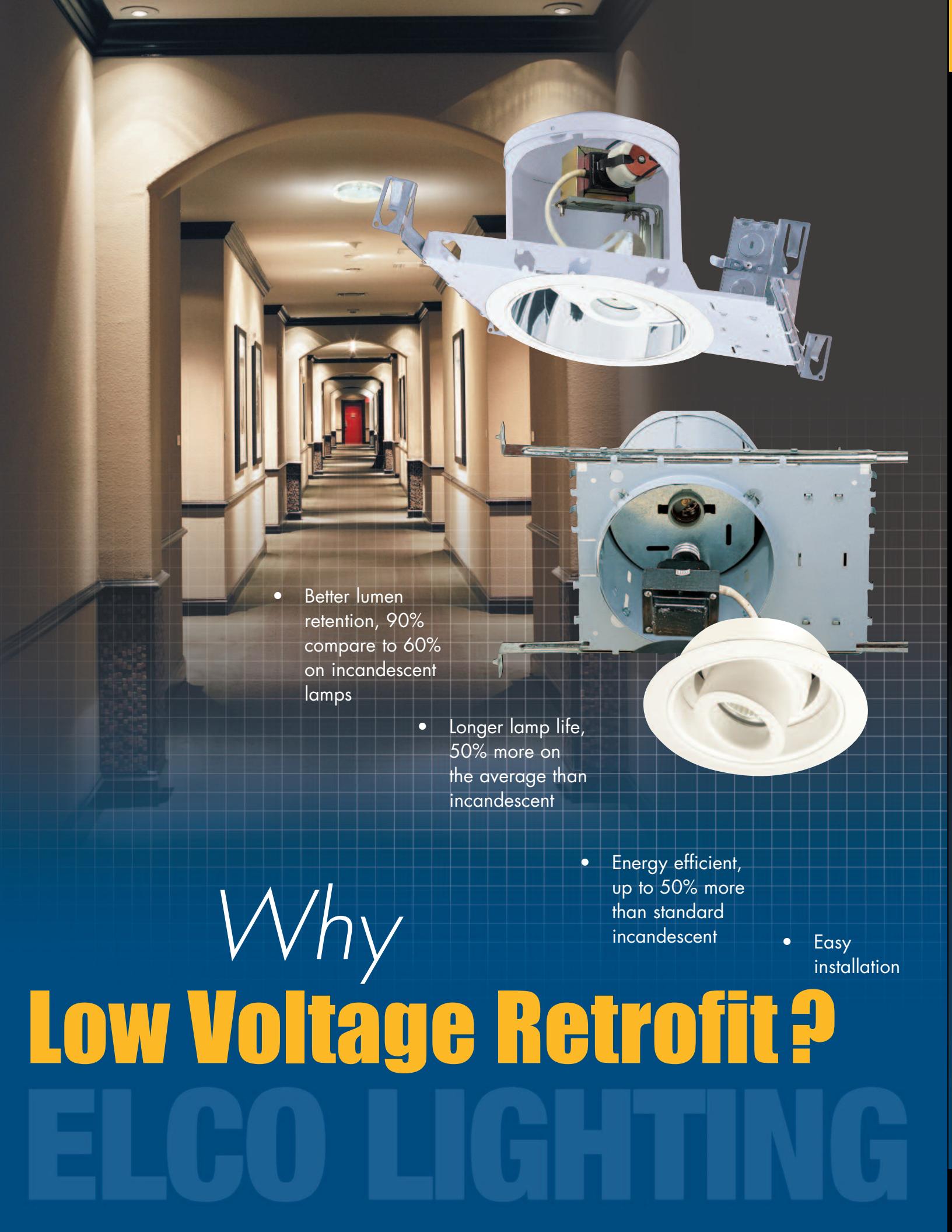
KPL-5213 N.P.F. Ballast Compact Fluorescent Kit.
Fits most 5" Universal Housings.
Lamp: (2) 13W Quad 2 Pin 120V



A 5" Universal Housing. (Not included)

B Screw base adapter attaches to the housing socket.

* 26W and 32W kits are not for use in IC housings.

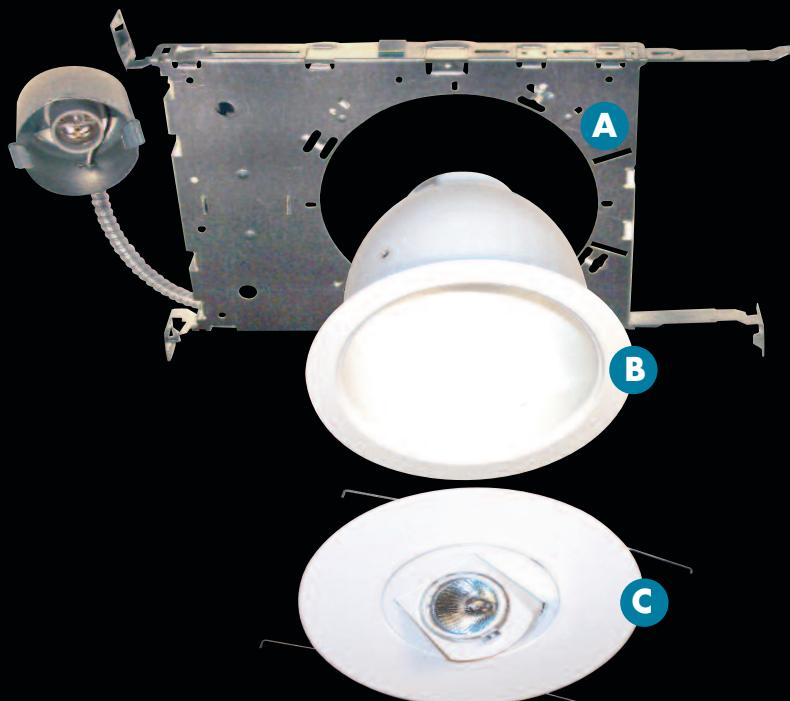


- Better lumen retention, 90% compare to 60% on incandescent lamps
- Longer lamp life, 50% more on the average than incandescent
- Energy efficient, up to 50% more than standard incandescent
- Easy installation

Why **Low Voltage Retrofit?**

ELCO LIGHTING

6" Energy Efficient Low Voltage Retrofit - Lightolier®



EL 2511C

EL 2511G

EL 2511W

EL 2511B

Adjustable Spot Trim
Lamp: MR16-75W
O.D.: 7 1/4"

EL 2529B

EL 2529W

Pinhole Downlight
Lamp: MR16-75W
Hole: 2: I.D.
O.D.: 8"

EL 2516C

EL 2516G

EL 2516W

EL 2516B

Adjustable Reflector Trim
Lamp: MR16-75W
O.D.: 7 1/4"

EL 2550W

EL 2550B

Adjustable Slot Aperture
Lamp: MR16-75W
Slot: 1 3/8 x 2 1/4"
O.D.: 7 1/4"

EL 2576C

EL 2576G

EL 2576B

EL 2576W

Adjustable Downlight
with Reflector

Lamp: PAR36/AR111 50-75W
O.D.: 7 1/4"

EL 2517W

Eyeball Trim
Lamp: MR16-75W
O.D.: 7 1/4"



EL 2597B

EL 2597W

EL 2597N

EL 2597CP

EL 2597BZ

Pinhole Downlight
Lamp: MR16-75W
O.D.: 7 1/4"



EL 2568W

Adjustable Spot Trim

Lamp: MR16-75W

O.D.: 7 1/4"



EL 2530W

EL 2530B

Adjustable Downlight
with White Baffle

Lamp: MR16-75W

O.D.: 7 1/2"



EL 2521B

EL 2521C

EL 2521G

EL 2521W

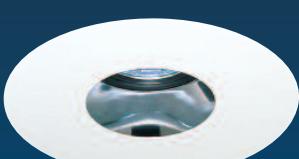
Reflector Trim

Adjustable Downlight

Lamp: MR16-75W

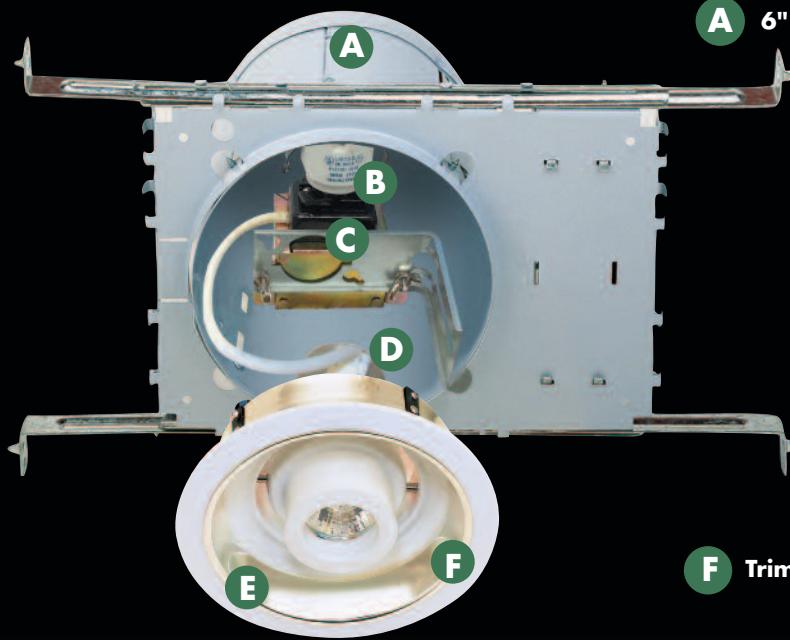
I.D.: 3 1/4"

O.D.: 7 1/4"



**Insulation to be kept minimum
3 inches from fixture**

6" Energy Efficient Low Voltage Retrofit



A 6" Universal Housing (Existing).

B Screw Base Adapter. Attaches to Housing Socket.

C 12 Volt 50VA Transformer ETRK50.

D Socket for MR16 Lamp inside cylinder.

E Low Voltage Retrofit Trims
20W, 42W, 50W MR16 or 25W, 50W, PAR36.

F Trims Available in Baffle, Reflector and Cylinder.

NOTE: 50W max for Non IC housings, and 20W for IC housings.

Low Voltage Retrofit Kit

Permits conversion of existing fixtures to use low voltage MR16 Lamps. The transformer is shipped with the trim assembly and attaches electrically to the socket within the housing. Each fixture functions as downlight or adjustable.

Low Voltage Retrofit Trims (Transformer included)

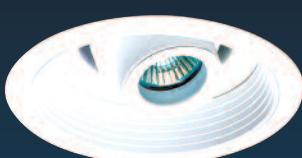
EL 1510B

Adjustable Spot Trim
Lamp: 50W Max MR16
O.D.: 7 1/4"



EL 1510W

EL 1510N
Adjustable Spot Trim
Lamp: 50W Max MR16
O.D.: 7 1/4"



EL 1511G

EL 1511C
6" Adjustable Trim
Lamp: 50W Max MR16
O.D.: 7 1/4"



EL 1512W

EL 1512B
6" Adjustable Trim
Lamp: 50W Max MR16
O.D.: 7 1/4"



EL 1516C

EL 1516G
Reflector Trim
Lamp: 50W Max MR16
O.D.: 7 1/4"



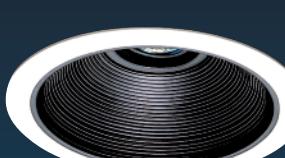
EL 1521C

6" Adjustable Trim
Lamp: 50W Max MR16
O.D.: 8"



EL 1530B

EL 1530W
Baffle
Adjustable Downlight.
Lamp: 50W Max MR16
O.D.: 7 1/4"



EL 1552R

EL 1552W
EL 1552BL
Frosted Downlight
Lamp: 50W Max MR16
O.D.: 7 3/4"



EL 1553BL

Frosted Stepglass
Adjustable Downlight
Lamp: 50W Max MR16
O.D.: 7 1/4"



EL 1587W

EL 1587B
Adjustable Pull Down
w/ Directional Snoot
Lamp: 50W Max MR16
O.D.: 7 1/4"



6" Retrofit Low Voltage Downlight Trims

EL 1518B

Regressed Eyeball
Lamp: 50W Max MR16
O.D.: 7 1/4"



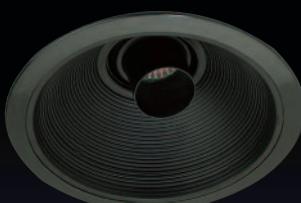
EL 1518W

Regressed Eyeball
Lamp: 50W Max MR16
O.D.: 7 1/4"



EL 1531B

EL 1531W
Baffle with
Adjustable Cylinder
Lamp: 50W Max MR16
O.D.: 7 1/4"



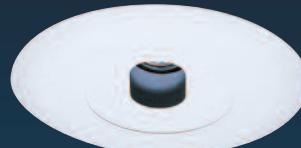
EL 1533W

EL 1533B
Adjustable Baffle
Lamp: 50W Max MR16
O.D.: 8"



EL 1550

Adjustable Slot
Aperture Trim
Lamp: 50W Max MR16
O.D.: 8"



EL 1575B

EL 1575N
Adjustable Gimbal Trim
Lamp: 50W Max PAR36
O.D.: 7 1/4"



EL 1575W

Adjustable Gimbal with Baffle
Lamp: 50W Max PAR36
O.D.: 7 1/4"



EL 1576C

EL 1576G
Adjustable Gimbal
with Reflector
Lamp: 50W Max PAR36
O.D.: 7 1/4"



EL 1576W

EL 1576B
Adjustable Gimbal
with Reflector
Lamp: 50W Max PAR36
O.D.: 7 1/4"



EL 1579

Pinhole Downlight
Lamp: 50W Max MR16
O.D.: 8"



EL 1588W

EL 1588B
Adjustable
Downlight Trim
Lamp: 50W Max MR16
O.D.: 7 1/4"



EL 1597B

Drop Adjustable Ring
0° - 90°
Lamp: 75W Max MR16
O.D.: 8"



EL 1597W

Drop Adjustable Ring
0° - 90°
Lamp: 50W Max MR16
O.D.: 8"

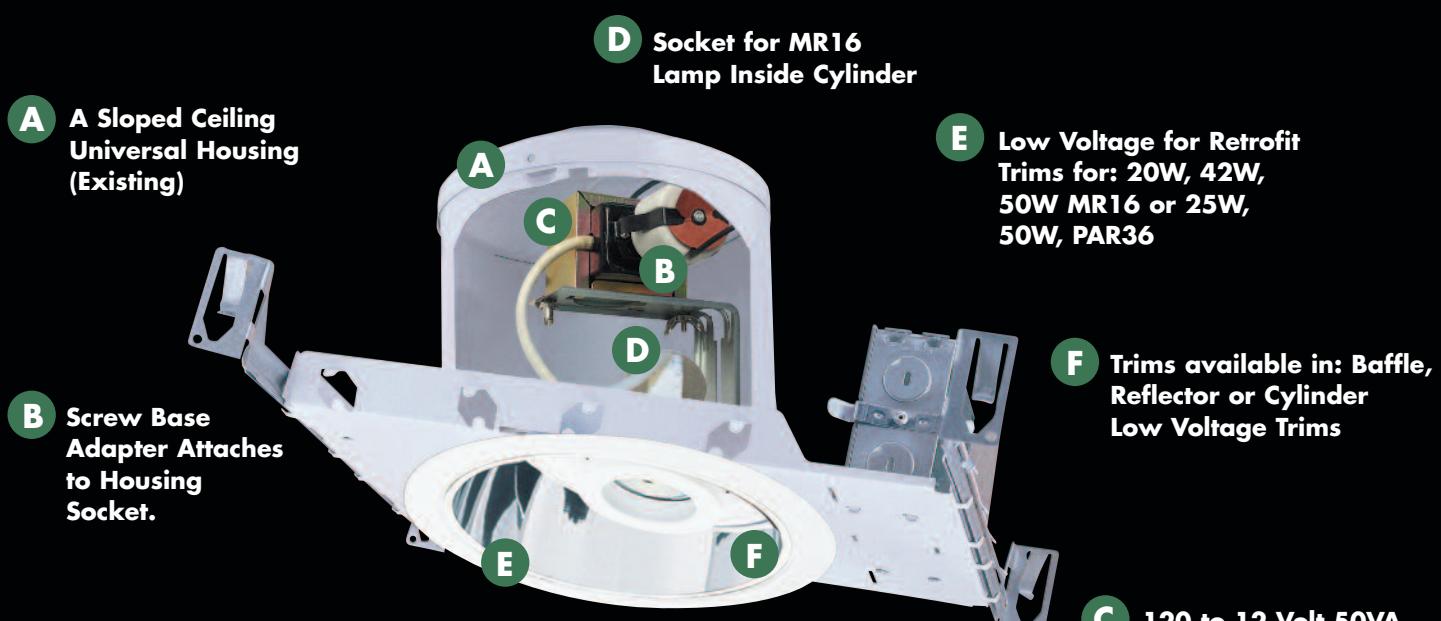


EL 1589

Adjustable Trim
with Gimbal Ring
0°-90° TILT
Lamp: 50W Max MR16
O.D.: 8"



6" Energy Efficient Low Voltage Sloped Downlight Retrofit Kits



- Low voltage sloped retrofit kit permits conversion of existing line voltage fixtures to use low voltage MR16 lamps for better lamp life and more light output.
- 50W 12V Thermally protected "Class P" magnetic transformer.
- The transformer is shipped with the trim assembly and attaches electrically to the socket within the housing. Each trim functions as downlight or adjustable.
- Designed for use in ceiling with slopes from 2/12 to 12/12.

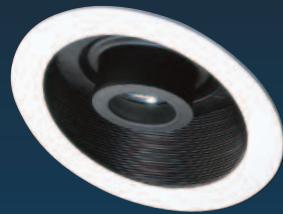
Note: 50W max for Non IC housings, and 20W max for IC housings.

Low Voltage Sloped Trims

EL 1610B

EL 1610W

Adjustable Spot
with Baffle
Lamp: 50W Max MR16
O.D.: 8"



EL 1611W

EL 1611C

EL 1611B

EL 1611G

Adjustable Spot
with Reflector
Lamp: 50W Max MR16
O.D.: 8"



EL 1612W

EL 1612B

Adjustable Spot Trim
Lamp: 50W Max MR16
O.D.: 8"



EL 1621B

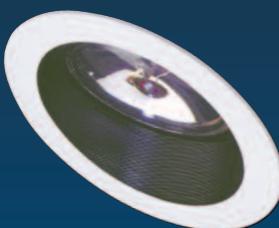
EL 1621W

Adjustable Reflector
and Baffle Trim
Lamp: 50W Max MR16
O.D.: 7 5/8" x 7 7/8"



EL 1675B

Adjustable Spot Trim
Lamp: 50W Max PAR36
O.D.: 7 5/8" x 7 7/8"

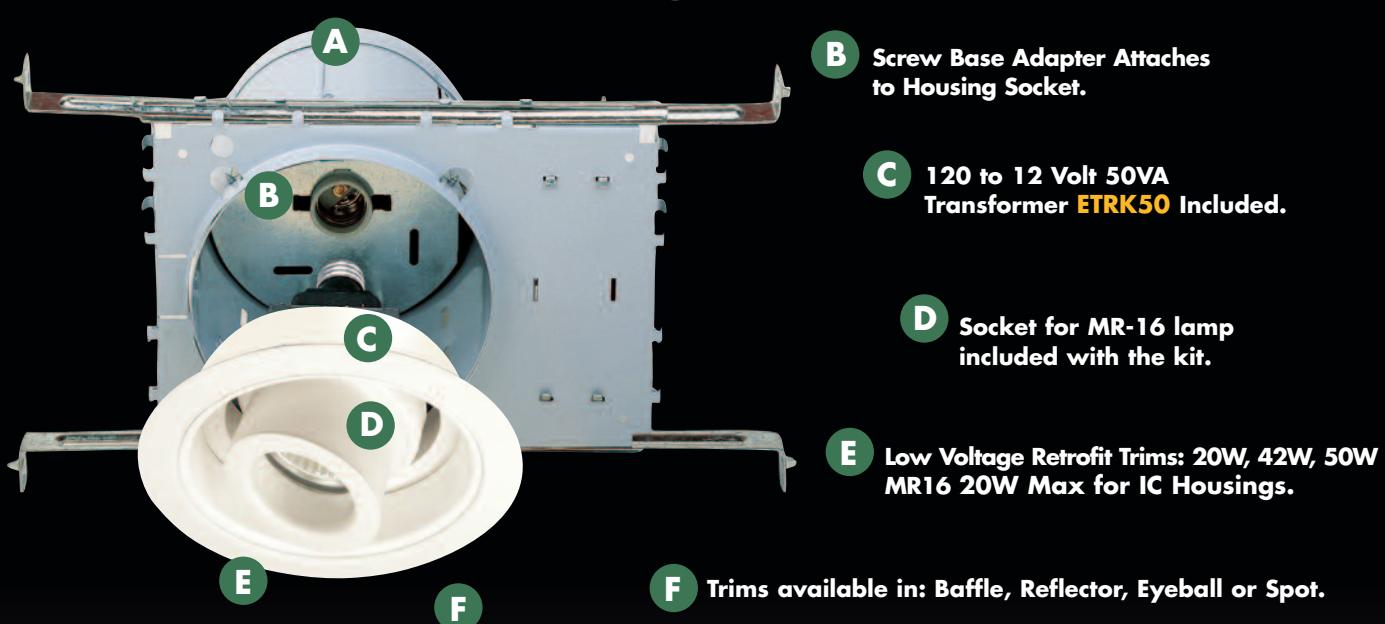


EL 1675W

Adjustable Trim
Lamp: 50W Max PAR36
O.D.: 7 5/8" x 7 7/8"



5" Energy Efficient Low Voltage Retrofit



Elco's Low Voltage Retrofit Kit permits conversion of existing fixtures to use low voltage MR16 lamps. The transformer is shipped with the trim assembly and attaches electrically to the medium base socket within the housing. Each trim functions as downlight or adjustable. Housing shown is not included.

5" Low Voltage Retrofit Trims (Transformer included)

EL 5110W

EL 5110B

Adjustable Spot Baffle
Lamp: 50W Max MR16
O.D.: 6 1/4"



EL 5111W

EL 5111C

EL 5111G

Adjustable Spot Reflector
Lamp: 50W Max MR16
O.D.: 6 1/4"



EL 5120W

Adjustable Spot

Aperture Trim

Lamp: 50W Max MR16
O.D.: 6 1/4"



EL 5121B

EL 5121C

EL 5121G

EL 5121W

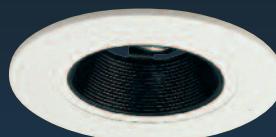
Adjustable Reflector Trim
Lamp: 50W Max MR16
O.D.: 6 1/4"



EL 5193W

EL 5193B

Adjustable Baffle Trim
Lamp: 50W Max MR16
O.D.: 6 1/4"



EL 5197W

Drop Adjustable Trim 0-90°

Lamp: 50W Max MR16

O.D.: 6 1/4"



EL 5188W

Adjustable Spot Pull Down

Lamp: 50W Max MR16

O.D.: 6 1/4"



EL 5198W

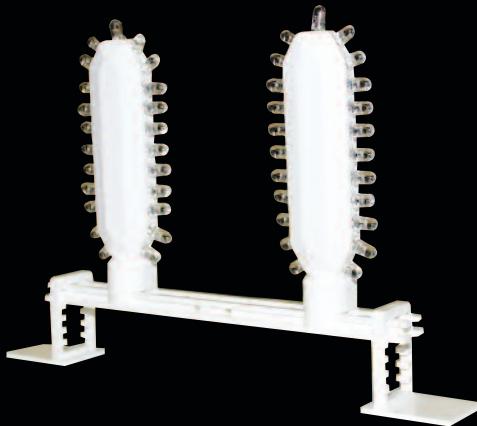
Adjustable Eyeball

Lamp: 50W Max MR16

O.D.: 6 1/4"



Energy Efficient LED Exit Sign Retrofit Kits



**EERT5R-H
EERT6G-H**

Hard Wire LED Retrofit Kit for exit fixtures

- 120V or 277V
- 2.8 Watts per kit
- Energy saving
- 25 Years lamp life
- Includes adjustable mounting bracket and double face tape
- ETL listed
- White finish
- Red or Green lights



**EERT5R
EERT6G**

Screw-in LED Retrofit Kit for exit fixtures

- 120V
- 2.8 Watts per kit
- Energy saving
- 25 Years lamp life
- ETL listed
- Socket adapters included. (For signs with bayonet, intermediate or candelabra bases)
- White finish
- Red or Green lights

3" Incandescent Remodel Downlight

NEW CONSTRUCTION PLASTER FRAME INCLUDED

RR 300W NEW
Open (Complete Fixture)
Lamp: R20, PAR20
50W Max.
5" O.D.



RR 301G NEW
Baffle (Complete Fixture)
Lamp: R20, PAR20
50W Max.
5" O.D.



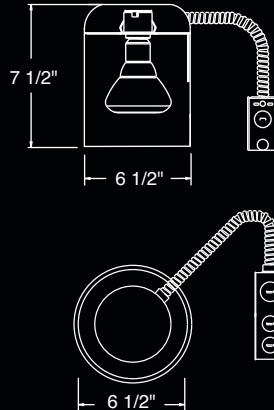
**RR 301W NEW
RR 301B**
Baffle (Complete Fixture)
Lamp: R20, PAR20
50W Max.
5" O.D.



RR 302W NEW
Eyeball (Complete Fixture)
Lamp: R20, PAR20
50W Max.
5" O.D.



6" Line Voltage Retrofit For Recessed Downlight

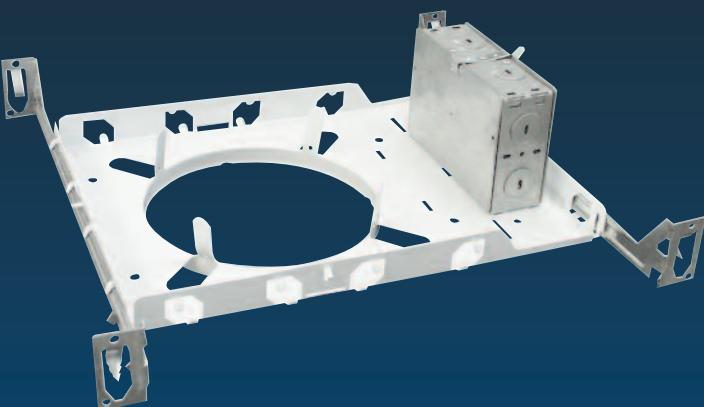


Height: 7 1/2" - Ceiling Opening: 6 1/2" - Trim O.D.: 7 1/4"

- Incandescent fixture designed for 75W max lamp.
- Integral thermal protector guards against improper lamping.
- Adjustable socket bracket. Wiring box for use with 75°C supply wire.
- Keep insulation 3" away

EL7RT

Incandescent retrofit fixture, 75W max lamp



ACCESSORY

P6213

6 inch plaster frame



ELA 99SC **ELA 99SW**
ELA 99SG **ELA 99BZ**
ELA 99SB **ELA 99CP** **NEW**

Reflector Trim
 Lamp: PAR38/R40-75W,
 PAR30/R30-75W
 O.D.: 7 1/4"



ELA 101B **ELA 101W**
ELA 101N **ELA 101BZ**
ELA 101NW **ELA 101CP** **NEW**
ELA 101NB

Reflector with Baffle
 Lamp: PAR30-75W, A19-75W
 O.D.: 7 1/4"



ELM 42W **ELM 42BZ** **NEW**
ELM 42B **ELM 42CP**
ELM 42N

Baffle with Regressed
 Albalite Lens
 Lamp: A19-60W
 O.D.: 7 1/4"



EL 40N **EL 40W**
EL 40C **EL 40BZ**
EL 40G **EL 40CP** **NEW**

Open Trim
 Lamp: PAR38-75W, R40-75W
 O.D.: 8"

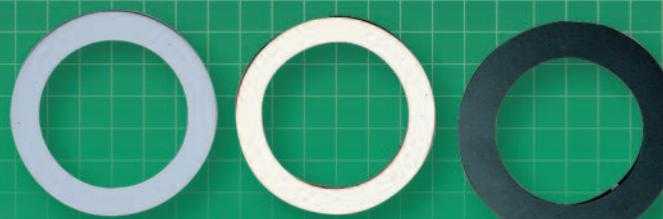
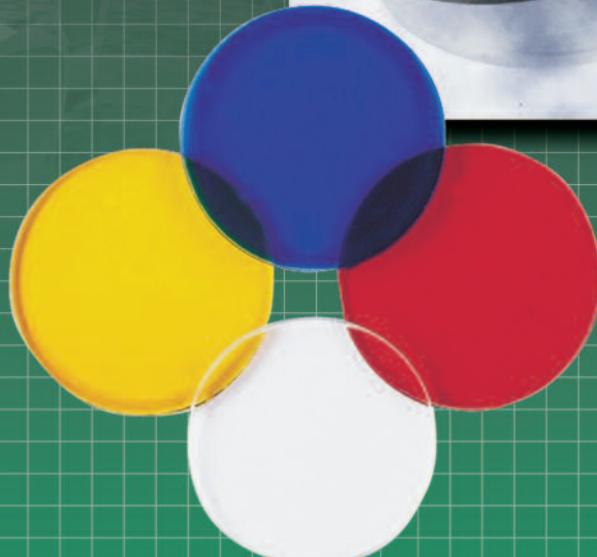


EL 18CP **EL 18G**
EL 18BZ **EL 18W**
EL 18N
 Adjustable Eyeball Trim
 Lamp: PAR30-75W, R30-75W
 O.D.: 8"

For more trim options, refer
 to Elco's Recessed Catalog.

Accessories

Elco Lighting carries a wide variety of color filters and specialty lenses to help you create the perfect mood or setting. Different colored and oversized trim rings give you the greatest options for creative recessed lighting. Elco has socket adapters and extenders, a hole saw that accommodates every remodel application (cutting through drywall, plywood, plaster, and acrylic sheeting up to 7/8" thick), high-pressure sodium, HID metal halide and fluorescent lamps.



Accessories

Mounting Clips



CLIP-1

Fit on screw holes of mounting frame



CLIP-2

Fit on mounting post, or die-cast plaster frames



CLIP-4

Fit under mounting frame collar



CLIP-R

Set of 3 clips for remodel housings



CLIP721

Set of 3 clips for EL721

Emergency Pack

Compact fluorescent lamp emergency kits.



with switch plate



with combination switch

KEM-P13 (with switch plate)

KEM-P14 (with combination switch)

For (1) 9W, (1) 13W, (2) 9W, (2) 13W
120V or 277V fixtures. 2 pin (Magnetic)

KEM-P26 (with switch plate)

KEM-P27 (with combination switch)

For (1) 18W, (1) 26W, (2) 18W, (2) 26W
120V or 277V fixtures. 2 pin (Magnetic)

KEM-P32 (with switch plate)

KEM-P33 (with combination switch)

Single whip with bottom leads and stud for J box installation for (1) 13W-42W
(2) 13W-42W fixtures, 4 pin (electronic)

KEM-P42 (with switch plate)

KEM-P43 (with combination switch)

For (1) 13W-42W, (2) 13W-42W
120V or 277V fixtures. 4 pin (Electronic)



Frames

PR7213

7" Remodel frame

PR8213

8" Remodel frame

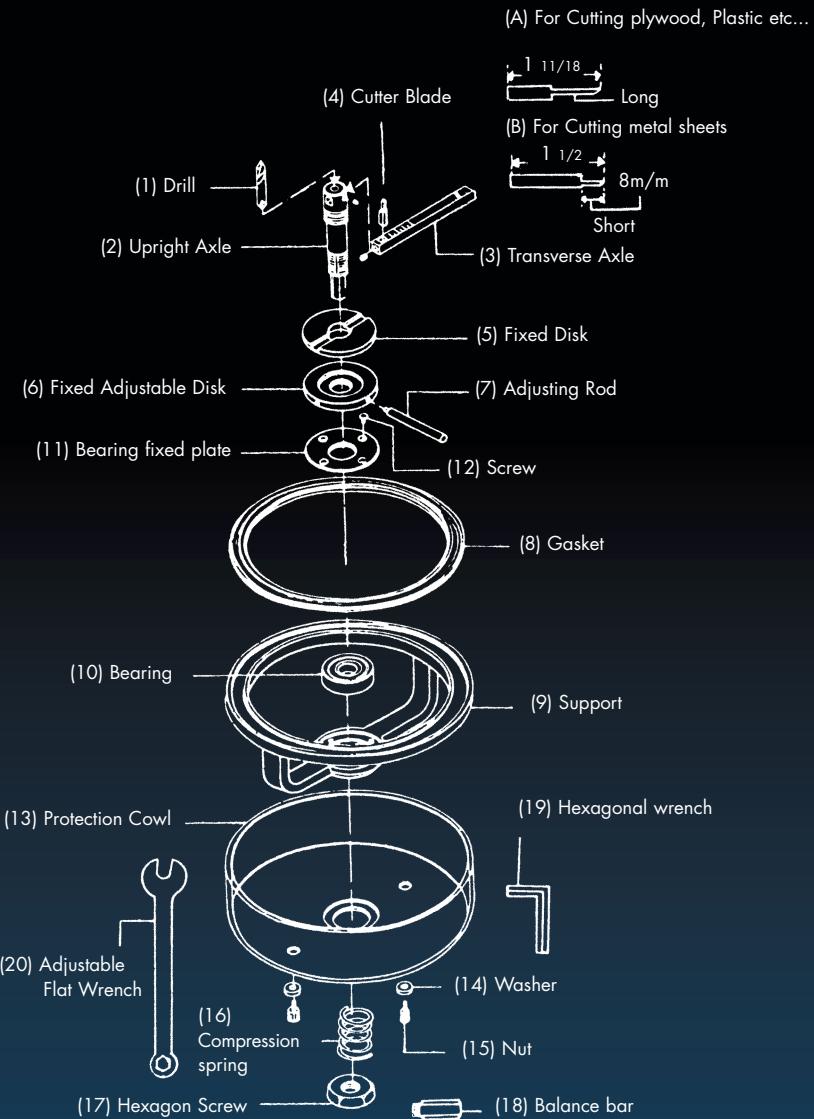
Accessories

Elco's Adjustable Hole Saw

Install any size can 1/4" to 8 1/4", Elco, Halo®, Capri®, Juno®



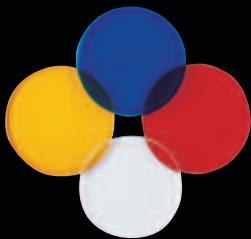
EL 5000 (Medium) Cuts 1 1/4" to 6 1/2" hole
EL 6000 (Large) Cuts 2" to 8 1/4" hole



Adjustable Round-Hole Cutter

- For fast installation of recessed lighting fixtures.
- Can cut drywall, plywood, plaster and acrylic sheeting up to 7/8" thick (1 3/4" thick if opposite side can also be drilled).
- For cutting aluminum, brass and metal sheets up to 1/16" thick.
- Transparent cowl prevents chips from injuring user.
- Can work with either variable speed hand drill or drill press.

Color Lens



MR16 Color Filters

For use with MR16 Lamp units.

- L 29** Red Lens - 1 15/16" (49mm) O.D. for MR16
- L 30** Yellow Lens - 1 15/16" (49mm) O.D. for MR16
- L 31** Blue Lens - 1 15/16" (49mm) O.D. for MR16
- L 32** Frosted Lens - 1 13/16" (46mm) O.D. for MR16
- L 33** Soft Lens - 1 15/16" (49mm) O.D. for MR16
- L 34** Diffused Spread Lens - 1 15/16" (49mm) O.D. for MR16
- L 35** Linear Spread Lens - 1 15/16" (49mm) O.D. for MR16
- L 36** Green Lens - 1 15/16" (49mm) O.D. for MR16
- L 38** Honey Comb Louver Lens - 1 15/16" (49mm) O.D. for MR16
- L 39** Honey Comb Louver Black Lens - 1 15/16" (49mm) O.D. for MR16
- L 40** Honey Comb Louver - 1 15/16" (49mm) O.D. for MR16
- L 41** Honey Comb Louver - 1 15/16" (49mm) O.D. for MR16
- L 42** Spread Lens
- L 43** Linear Spread Lens
- L 44** Soft Spread Lens



5" Metal Rings



- RM 5G** Gold 5" Trim Ring - 6 1/4" O.D.
- RM 5W** White 5" Trim Ring - 6 1/4" O.D.
- RM 5B** Black 5" Trim Ring - 6 1/4" O.D.
- RM 5C** Chrome 5" Trim Ring - 6 1/4" O.D.
- RM 5CP** Copper 5" Trim Ring - 6 1/4" O.D.
- RM 5N** Brushed Nickel 5" Trim Ring - 6 1/4" O.D.
- OM 5W** Oversized White 5" Trim Ring - 7 1/4" O.D.
- OM 5B** Oversized Black 5" Trim Ring - 7 1/4" O.D.

6" Metal and Plastic Rings



- OVP 7W** White Plastic Oversized Trim Ring - 8" O.D.
- OVP 7B** Black Plastic Oversized Trim Ring - 8" O.D.
- RM 7W** White 7" Metal Trim Ring - 7 1/4" O.D.
- RM 7G** Gold 7" Metal Trim Ring - 7 1/4" O.D.
- RM 7B** Black 7" Metal Trim Ring - 7 1/4" O.D.
- RM 7C** Chrome 7" Metal Trim Ring - 7 1/4" O.D.
- RM 7CP** Copper 7" Metal Trim Ring - 7 1/4" O.D.
- RM 7N** Brushed Nickel 7" Metal Trim Ring - 7 1/4" O.D.
- RP 7W** White Plastic 6" Trim Ring - 7 1/4" O.D.
- RP 7B** Black Plastic 6" Trim Ring - 7 1/4" O.D.

Socket Adapters



PSE 26 Socket Extender



PSA 27 Medium Socket Adapter



PSA 28 MR16 Socket Screw-in Adapter with Lamp



PSA 29 GU10 Socket Screw-in Adapter with Lamp



Socket Plate

L-BRCKL

Socket plate for 6" housing. With screw and wing nut.

Accessories

Electronic Transformers



ETR50

Electronic transformer
12V 50VA 50/60Hz
with overload protection
1 7/8" W x 2 3/4" D x 1 1/4" H



ETR60

Electronic transformer
12V 60VA 50/60Hz
1 1/4" W x 3 3/8" D x 13/16" H



ETR60PLG

Plug-in transformer
12V 60VA
for E326 Mini Lights
1 3/4" W x 3" D x 1 1/4" H



ETR75

Electronic transformer
12V 75VA 60Hz
1 3/4" W x 3" D x 1 1/4" H



ETR80

Electronic transformer
12V 80VA 50/60Hz
1 1/8" W x 3" D x 1" H



ETR105

Electronic transformer
120V 105VA 60Hz- class II
1 3/4" W x 5 1/8" D x 1 3/8" H



ETR150

Mini electronic transformer
150W-12V
1 3/4" W x 5 1/8" D x 1 3/8" H



ETR240

Magnetic transformer
120/277 to 12/24V 250 VA
U.L. listed for outdoor use.
3 1/4" W x 2 3/4" D x 6 7/8" H



ETR480

Magnetic transformer
120/277 to 12/24V 480 VA
U.L. listed for outdoor use.
5" W x 4 1/4" D x 9" H



LET151

Mini electronic transformer
150W-12V
1 1/8" W x 3 3/8" D x 1 1/8" H



LRT303

Mini electronic transformer
300W, 6-50W circuits-12V with fuses
3 1/2" W x 7 1/2" D x 1 3/4" H



LVT303

Mini electronic transformer
150W-12V with fuses
1 5/8" W x 9 3/8" D x 1 1/2" H

Magnetic Transformers



ETRK50

Low voltage magnetic transformer retrofit kit
120V/12V - 50W
Medium screw base,
fits most 6" housing.

Accessories

Lamps - Low Voltage

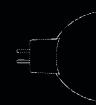
MR 11NSP

Low voltage MR11, 20W, 12V
(NSP) Bi-pin G-4 base



MR 16EXN

Low voltage MR16, 50W 12V
(FL) Bi-pin G 5.3 base, 38°



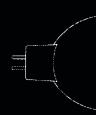
MR 11NFL

Low voltage MR11, 35W 12V
(NFL) Bi-pin G-4 base



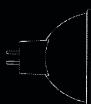
MR 16EYC

Low voltage MR16, 71W 12V
(FL) Bi-pin G 5.3 base



MR 16EXZ

Low voltage MR16, 50W 12V
(NFL) Bi-pin G 5.3 base, 24°



Lamps - Fluorescent

P 7

Twin Tube 7W C.F.L.
2 Pin G23 Base



O.A.L. 5.30"

P 18-4

Quad Tube 18W C.F.L.
4 pin G24q-2 Base



O.A.L. 5.8"

P 9

Twin Tube 9W C.F.L.
2 Pin G23 Base



O.A.L. 6.5"

P 18T-4

Triple Biax 18W C.F.L.
4 Pin G24q-2 Base



O.A.L. 4.8"

P 13

Twin Tube 13W C.F.L.
2 Pin GX23 Base



O.A.L. 7.00"

P 26

Quad Tube 26W C.F.L.
2 Pin G24d-3 Base



O.A.L. 6.7"

P 13Q

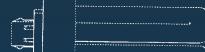
Quad Tube 13W C.F.L.
2 Pin GX23-2 Base



O.A.L. 5"

P 26-4

Quad Tube 26W C.F.L.
4 Pin GX24q-3 Base



O.A.L. 6.4"

P 13-4

Quad Tube 13W C.F.L.
4 pin G24q-1 Base



O.A.L. 5.19"

P 26T-4

Triple Biax 26W C.F.L.
4 Pin GX24q-3 Base



O.A.L. 5.2"

P 13T-4

Triple Biax 13W C.F.L.
4 Pin G24q-1 Base



O.A.L. 4.2"

P 32T-4

Triple Biax 32W C.F.L.
4 Pin GX24q-3 Base



O.A.L. 5.8"

P 18

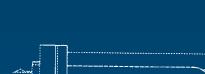
Quad Tube 18W C.F.L.
2 Pin G24d-2 Base



O.A.L. 6.1"

P 42Q-4

Triple or Quadruple Biax
42W C.F.L.
4 pin GX24q-4 Base



O.A.L. 6"

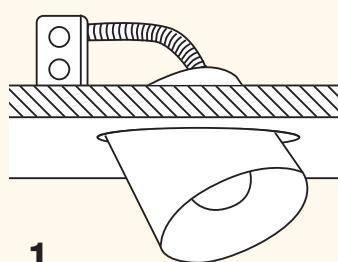
C.F.L. = Compact Fluorescent Lamp

O.A.L = Overall Length

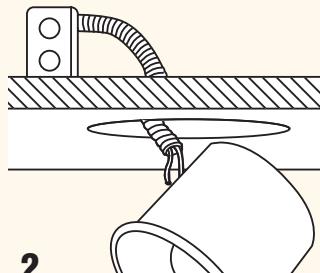
Installation Instruction

For Can Models

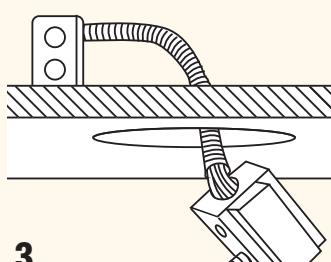
Such as Capri R10, Halo H7, Marco MX7, Progress P7, and other similar models.



1 Remove existing reflector assembly

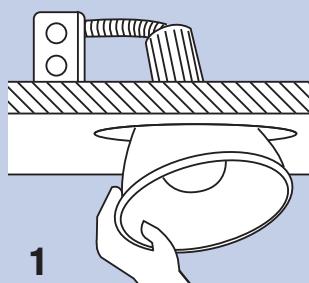


2 Remove can and disconnect socket wire

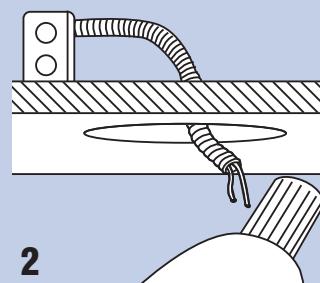


3 Re-connect wire to ballast assembly

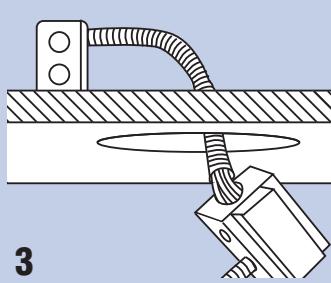
For all Die-Cast Aluminum Plaster Frames



1 Remove existing reflector assembly



2 Disconnect wire from socket

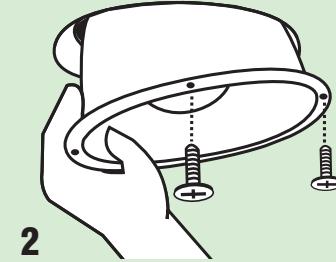


3 Re-connect wire to ballast assembly

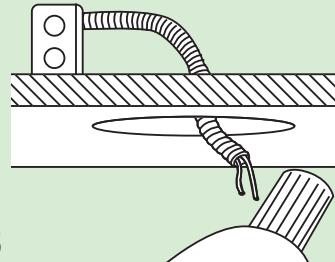
For Lensed Fixtures



1 Remove lens assembly

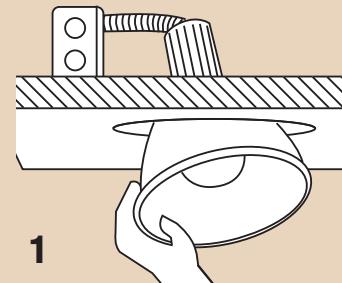
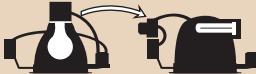


2 Loosen reflector screws and remove reflector assembly

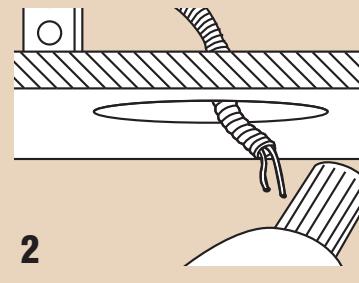


3 Disconnect wire from socket

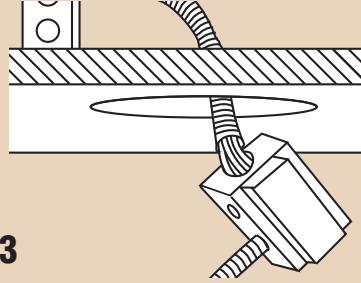
For H.I.D. Downlights



1 Remove existing reflector assembly

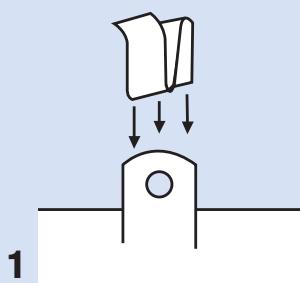


2 Disconnect wire from socket and remove existing HID ballast

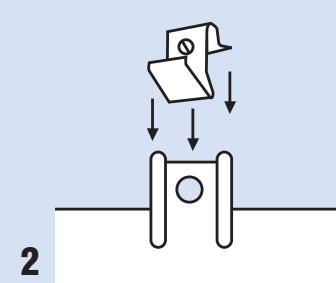


3 Re-connect wire to ballast assembly

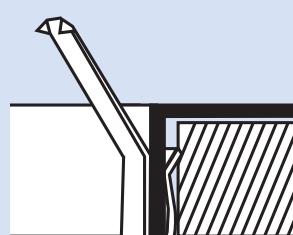
Mounting Clip Options



CLIP-1: Designed to fit on screw holes of mounting frame

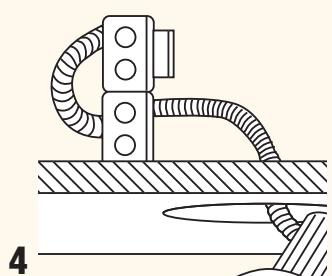


CLIP-2: Designed to fit on mounting post, or die-cast plaster frames

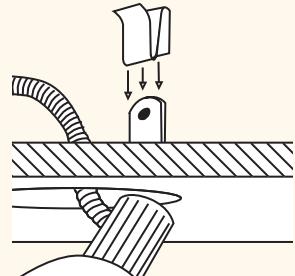


CLIP-4: Designed to fit under mounting frame collar

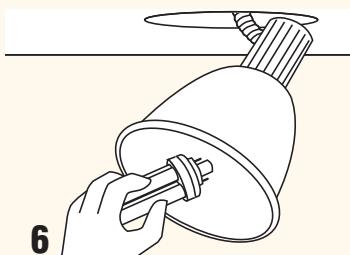
Installation Instruction



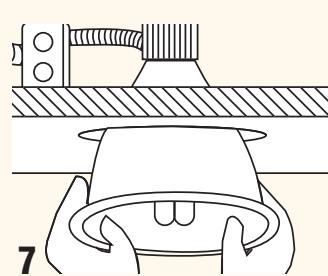
4
Attach ballast assembly to J-Box with box connector



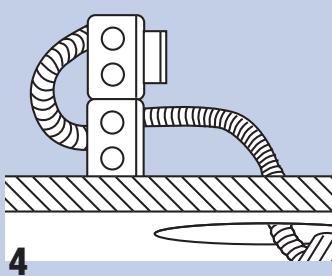
5
Clip on **CLIP-1** spring clips to screw holes on mounting frame



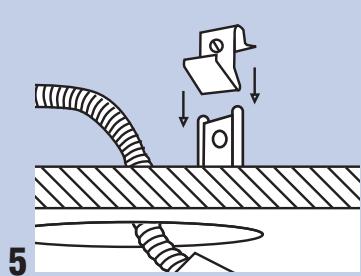
6
Insert lamp into reflector



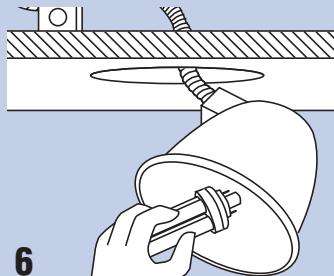
7
Re-install reflector assembly



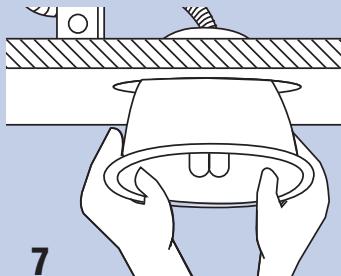
4
Attach ballast assembly to J-Box with box connector



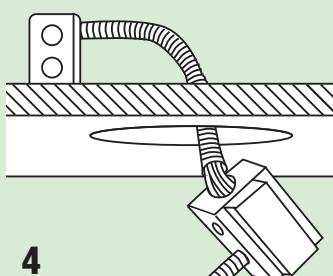
5
Clip on **CLIP-2** spring clips to screw holes on mounting frame



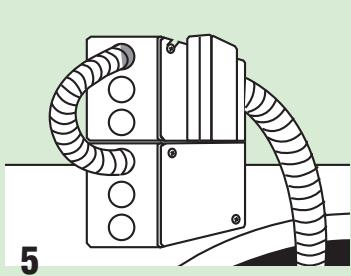
6
Insert lamp into reflector



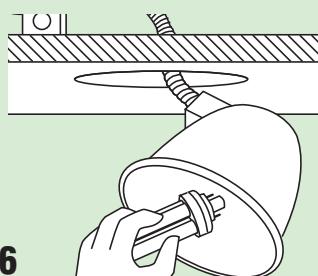
7
Re-install reflector assembly



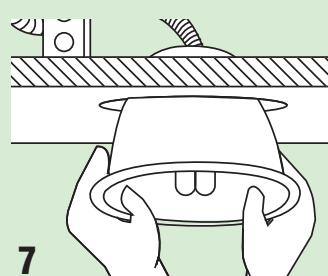
4
Re-connect wire to ballast assembly



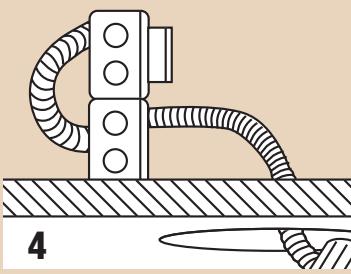
5
Attach ballast assembly to J-Box with box connector



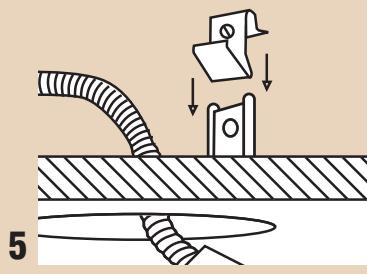
6
Insert lamp into reflector



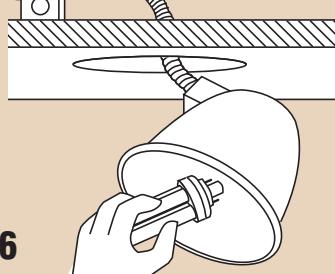
7
Re-install reflector assembly and insert lens assembly



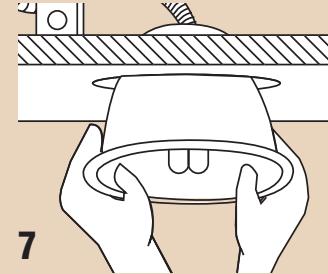
4
Attach ballast assembly to J-Box with box connector



5
Clip on **CLIP-2** spring clips to screw holes on mounting frame



6
Insert lamp into reflector



7
Re-install reflector assembly

Warning:

RISK OF FIRE OR ELECTRIC SHOCK. All installations require knowledge of fluorescent lighting fixture electrical systems and must be performed by a licensed electrician. Before installation, disconnect the electric power supply by turning off the circuit breaker and be sure to read these instructions and study the diagrams carefully.

Compact Fluorescent Lamp Data

LAMPS	WATTS	DESCRIPTION	BASE	RATED LIFE (HOURS)	RATED LUMENS (INITIAL)	CRI	PINS	EFFICACY (LPW)	MANUFACTURER
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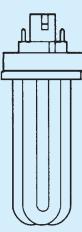
LOW WATT C.F.

	7	7W (PL-S, DS, Bx) 2 Pin	G23	10000	400	82	2	57.1	-
	9	9W (PL-S, DS, Bx) 2 Pin	G23	10000	600	82	2	67.7	-
	13	13W (PL-S, DS, Bx) 2 Pin	GX23	10000	825	82	2	63.5	-

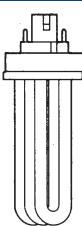
QUAD C.F.

	13	13W (DBX, DD, PL-C) 2 Pin	GX23-2	10000	860	82	2	66.2	-
	13	13W (DBX, DD/E, PL-C) 4 Pin	G24q-1	10000	900	82	4	69.2	-
	18	18W (DBX, DD, PL-C) 2 Pin	G24d-2	10000	1200	82	2	66.7	-
	18	18W (DBX, DD/E, PL-C) 4 Pin	G24q-2	10000	1200	82	4	66.7	-
	26	26W (DBX, DD, PL-C) 2 Pin	G24d-3	10000	1800	82	2	69.2	-
	26	26W (TBX, DD/E, PL-C) 4 Pin	G24q-3	10000	1800	82	4	69.2	-

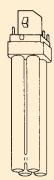
TRIPLE TUBE - DELTA C.F.

	18	18W (TBX, DT/E) 4 Pin	GX24q-2	10000	1200	85	4	66.7	GE,OS
	26	26W (TBX, DT/E) 4 Pin	GX24q-3	10000	1800	85	4	69.2	GE,OS
	32	32W (TBX, DT/E, DT/E/IN) 4 Pin	GX24q-3	10000	2400	85	4	75.0	GE,OS
	42	42W (TBX, DT/E, DT/E/IN) 4 Pin	GX24q-4	10000	3200	85	4	81.2	GE,OS

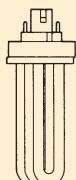
TRIPLE TUBE - TUNNEL C.F.

	18	18W PL-T 4 Pin	GX24q-2	10000	1200	85	4	66.7	P
	26	26W PL-T 4 Pin	GX24q-3	10000	1800	85	4	69.2	P
	32	32W PL-T 4 Pin	GX24q-3	10000	2400	85	4	75.0	P
	42	42W PL-T 4 Pin	GX24q-4	10000	3200	85	4	81.2	P

Twin Tube:
The original compact lamp permits ultra-shallow recessed fixtures and can be driven by PowerSpec LFI electronics.



Quad Tube:
The most widely available source today for downlighting; also used in decorative wall-mounted and ceiling-mounted fixtures.



Triple Tube:
newest source packs the most light into a compact form and maintains light output over a wide range of temperatures. PLT lamps offer superior performance indoors, in recessed and enclosed fixtures and outdoors, in step and aisle lights, floodlights and surface mount luminaries. PLT lamps are ideal for private offices, conference rooms, lobbies, corridors, retail shops and building exteriors.

PHOTOMETRIC TERMS

Lumens: Luminous flux measured in lumens (lm), is the total amount of light produced by a source without regard to direction. The luminous flux is provided by lamp manufacture and common lumen values are included in the lamp matrix.

Candela: Luminous intensity, measured in candela (cd), is the amount of light produced in a specific direction. Graphically, this information is compiled into polar formatted charts that indicate the intensity of light at each angle away from 0° lamp axis (nadir).

Photometric information

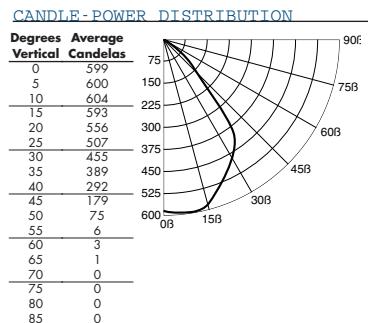
Total Luminaire Efficiency: Compares how much light is emitted from a luminaire; however, efficiency does not indicate the quality of light or visual comfort of a luminaire.

$$\text{Efficiency \%} = \frac{\text{Luminaire Lumens}}{\text{Lamp Lumens}}$$

Luminance: Average luminance numerically indicates the brightness of the aperture. Luminance is provided for various viewing direction, the 0° direction being where the wall-wash or accent light is aimed.

Footcandles: Illuminance, measured in footcandles (fc), is the measure of the quantity of light that arrives on a surface. Three factors that affect illuminance are the intensity of the luminaire in the direction of the surface, the distance from the luminaire to the surface and the angle of incidence of the arriving light. Although illuminance cannot be detected by our eyes, it is a common criterion used in specifying designs.

Candle-Power Distribution: Polar candlea diagrams graphically illustrate the light intensity at specific directions from nadir. Intensity is on the vertical axis, and radial lines indicate at 0°, 15°, 30°, 45°, 60°, 75° & 90° from nadir. (Only one half of a plane of data is shown)



TECHNICAL INFORMATION

Transformers: Electromagnetic core and coil transformers are provided with all low voltage units. ELCO achieves a Class A sound rating by specifying transformers in which the steel core are positively laminated and mechanically fastened. Transformers are also isolated from the aperture via a combination of inner housing, mounting brackets and acoustic dampers to attenuate vibrations.

Ballasts: High-frequency, High Power Factor (H.P.F.), Class P electronic ballast modules are provided standard for compact fluorescent 4-pin lamps. Higher operating frequency allows for greater efficacy and no visible lamp flicker at ignition and during operation. Ballast provide Class A sound rating and are designed for the higher ambient operation found when buried in insulation.

A current-controlled, rapid-start sequence supplied to the lamp cathodes (programmed rapid start) helps to reduce end darkening and lumen depreciation that instant-start and normal rapid-start ballasts fail to do. Ballast are matched to specific lamp operation characteristics to ensure proper lamp life. Sockets are keyed to prevent insertion of 2-pin lamps with integral starter, ensuring trouble-free operation. Compact fluorescent 2-pin lamps are not rated for high-frequency operation on electronic ballast. Lamp manufacturers do not recommend operation 2-pin lamps at high-frequency due to unexpected short lamp life and ballast failure.

Dimmers: Dimming increases an application's flexibility and drama. It creates specific light scenes and provides for a range of use within one space. In addition, today's solid-state dimmers save energy as the sources dim. Contact your ELCO representative for more dimming ideas.

Fixture Retrofit Chart - Compact Fluorescent

ELCO	ELCO	CAPRI	E. PRICE	HALO	JUNO	K. VERSO	LIGHTOLIER	LITHONIA	MARCO	OMEGA	PRESCOLITE	PROGRESS
6"												
ERTH729	R10H	AE60X	A21/7	H7	TC2	C7319	7029	A6	D201			39H
ERTH7213	R9H	AE01X	A23/7	H27	TC906	E7519	7054	D6JE	D202			1058
ERTH7218	EL7	AE11X	A25/7	H44	TC920		7059	LICJ	E201			1224
ERTH 7126	E6M	AE75X		H7LUT			7280	LQJ				PBX
ERTH 7132	E6S	LV10TX		H7601			7284	R52				
ERTH 7142	R10			H7620			7705	RB1				
ERTH 7226	RMA100			M7600			7760	RB3				
ERT600							7771	RC1				
ERT700							7774	RO1				
ERT750								RX1				
ERT775								RX2				
ERTV7113	7"											
ERTV7118	ELH7T	LV3TX		H500	TC45	B7224	1102	79	A300	C4213	79	P6
ERTV7126		LV4TX		H600	TC46	D7424			D301	C4503		P7
ERTV7132				M700		D7455			D302	EY4000		P8
ERTV7142									D306	7.5"		P21
									E301	C5000		P36
									V200			P6952
									V275			P6976
									W300			P6995
												P6996
7.5"												
ERTH 829		AD8X		H7800	H708	D7447	7032	1060	D401		1060	P19
ERTH 8213		AE03		H7801	T906		7042		E300			
ERTH 8218		AE14X		H7802	TC908		7055		E401			
ERTH 8126		AE85X		H7840	TC925		7060		R201			
ERTH 8226				H7901			7709					
ERTH 8132				H7940			7776					
ERTH 8232				M7800			33121					
ERTH 8142							33923					
ERTH 8242												
ERT 800	8"											
ERT 850	ELH8T	A15X		H42	TC5		7707		A504	C5014	84	
ERT 875	E8M			H46	TC940				A602	C5023		
ERT 880	E8S								D401	C5025		
ERT 885									D402	C5084		
ERTV 8113									D408	C5504		
ERTV 8118									E400	C5515		
ERTV 8126									W400			
ERTV 8132												
ERTV 8142												
9"												
ERTV 9113	E10M			M7010			33013			C7552		
ERTV 9118	E10S			M7011			34000			C7553		
ERTV 9126										C7562		
ERTV 9132										C7563		
ERTV 9142										C7573		
ERTV 9157												
ERTV 9170												

Elco Retrofit Kits

6" LOW VOLTAGE KIT (HALOGEN)

Fits most 6" housings.

EL 1510B EL 1533W EL 1598B
 EL 1510N EL 1550 EL 1597W
 EL 1510W EL 1552R EL 1610B
 EL 1511C EL 1552W EL 1610W
 EL 1511G EL 1552BL EL 1611B
 EL 1516C EL 1575B EL 1611C
 EL 1516G EL 1575N EL 1611G
 EL 1518B EL 1575W EL 1611W
 EL 1518C EL 1576B EL 1612B
 EL 1518G EL 1576C EL 1612W
 EL 1521C EL 1576G EL 1621B
 EL 1530B EL 1576W EL 1621W
 EL 1530W EL 1579 EL 1675B
 EL 1531B EL 1588B EL 1675W
 EL 1531W EL 1588W EL 1589

5" LOW VOLTAGE (HALOGEN)

Fits most 5" housings.

EL 5110W EL 5188W
 EL 5110B EL 5198W
 EL 5111W EL 5193W
 EL 5111C EL 5193B
 EL 5111G EL 5197W
 EL 5120W
 EL 5121B
 EL 5121C
 EL 5121G
 EL 5121W

6" COMPACT FLUORESCENT KIT

Fits most 6" housings.

KPL 62C KPL 68EC KPL 204EW
 KPL 62E KPL 68EG KPL 204EB
 KPL 63E KPL 68EW KPW 66G
 KPL 64E KPL 69EC KPW 66C
 KPL 65E KPL 69EG KPW 66W
 KPL 66C KPL 69EW KPW 66B
 KPL 66C-HP KPL 201B KPW 201B
 KPL 66G KPL 201EB KPW 201EB
 KPL 66W KPL 201EW KPW 201W
 KPL 66B KPL 201W KPW 201EW
 KPL 66EC KPL 201W-HP KPW 202EB
 KPL 66EG KPL 202EB KPW 202EW
 KPL 66EW KPL 202EW KPW 203EW
 KPL 67EC KPL 203EB KPW 204EB
 KPL 67EG KPL 203EW KPW 204EW
 KPL 67EW

ELCO RECOMMENDS ORDERING A SAMPLE FIXTURE TO ENSURE PROPER FIT.

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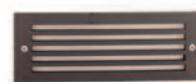
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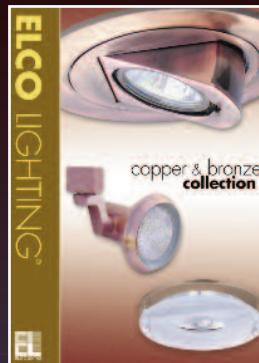
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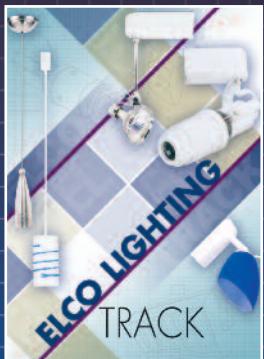
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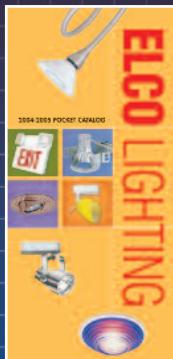
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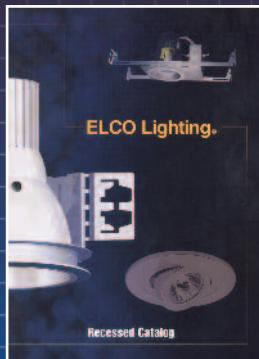
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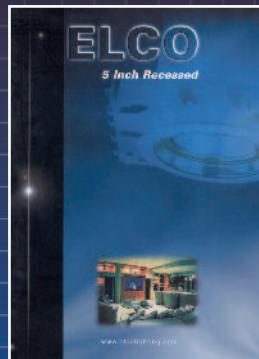
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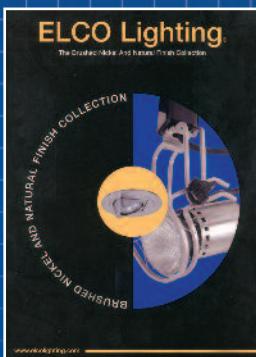
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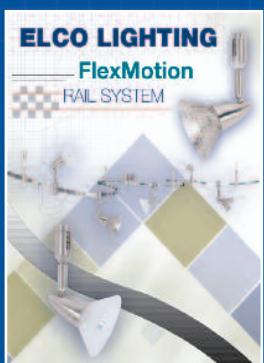
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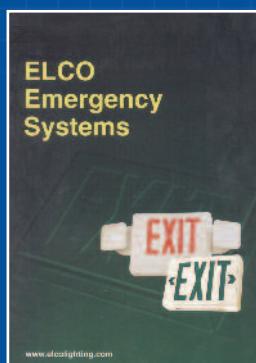
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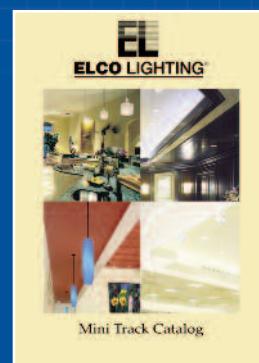
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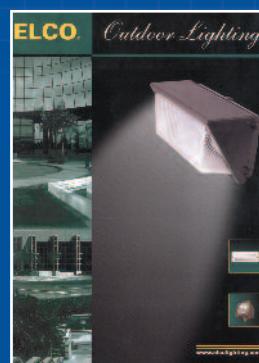
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