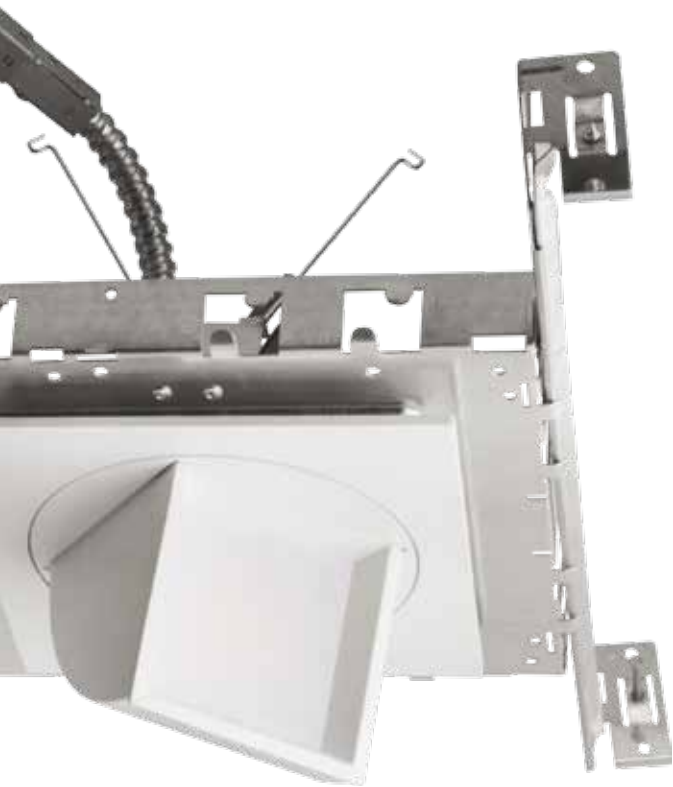


Residential & Commercial



# 5" LED Square Frame & Light Engines

The Maple System



**ELCO Lighting**

*The Best Choice in Lighting*

## Introducing ELCO Lighting's Maple System

*ELCO Lighting's Maple System is the perfect luminaire for commercial, hospitality and multi-story applications. The system is offered with a plaster frame and four different LED light engines in a variety of lumen outputs and color temperatures. As newer structures are being designed with smaller plenum spaces between floors this product has been engineered to be as shallow as possible to fit almost any above ceiling space while maintaining strong lumen output and light quality.*





Frame with LED Driver - [pg 5](#)



Baffle LED  
Light Engine - [pg 6](#)



Reflector LED  
Light Engine - [pg 7](#)



Adjustable Pull Down  
LED Light Engine - [pg 8](#)



Pull Down LED  
Light Engine - [pg 9](#)

# 5" Shallow Housing and Light Engine

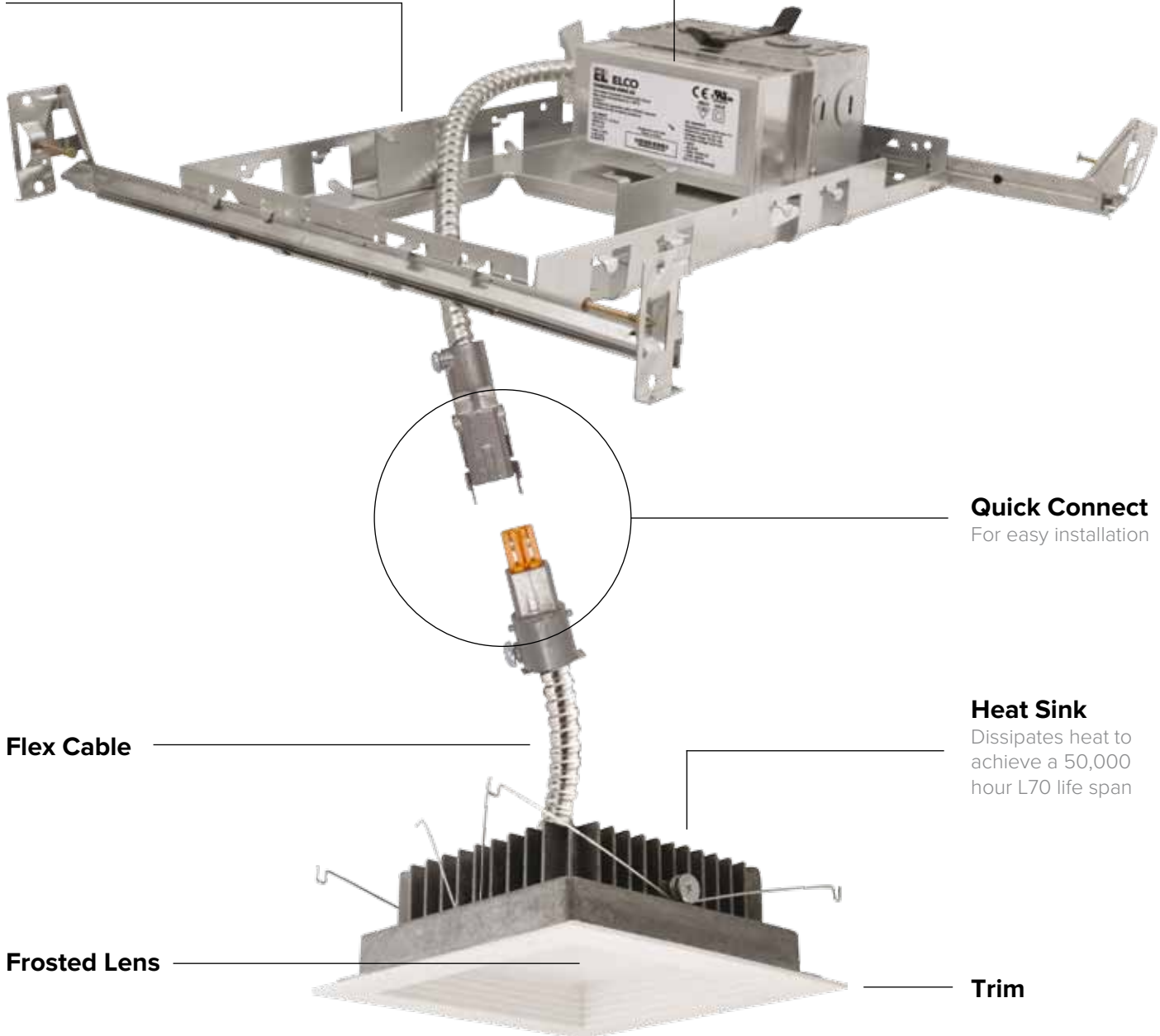
Our Square Housings are UL rated as IC Airtight for use in insulated ceilings with ELCO Light Engines. They can be installed in residential wood structures or commercial building drop ceilings.

## Super Shallow IC Frame

Great for structure with shallow plenum spaces. Such as hospitality, multi-story residential and commercial applications.

## Driver

1100 lm or 2000 lm  
120/277V



## Quick Connect

For easy installation

## Heat Sink

Dissipates heat to  
achieve a 50,000  
hour L70 life span

## Flex Cable

## Frosted Lens

## Trim

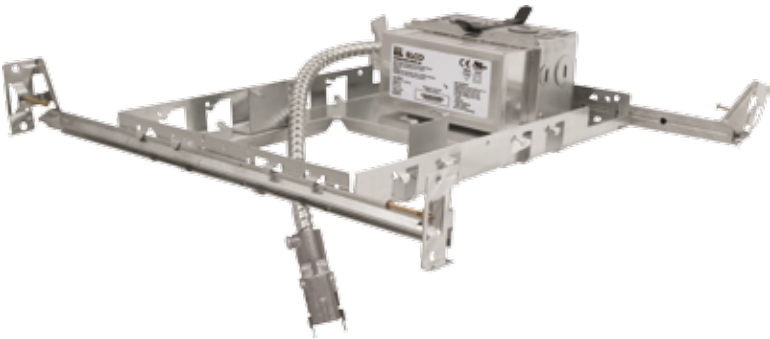
## LED

CRI 90+, 1100 lm or 2000 lm  
in 3000K or 4000K



# 5" IC Shallow **Frame with Driver**

Frame with Driver for IC New Construction to be used with ELCO 5" Square Inserts in insulated ceilings.



**E5SQLFU11**  
1100 lm

**E5SQLFU20**  
2000 lm

**With Optional Emergency Battery Backup**

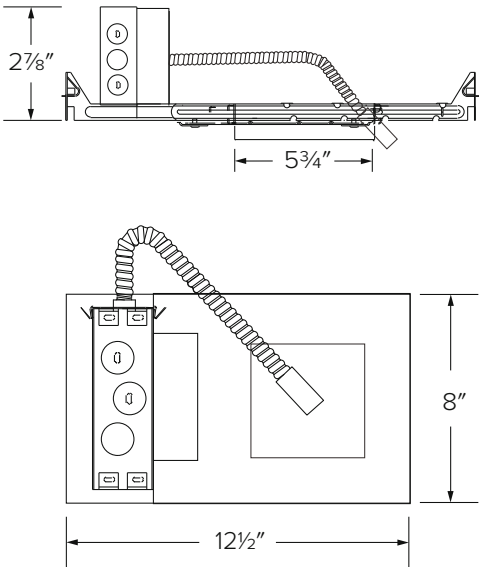


**E5SQLFU11EM1**  
1100 lm  
(up to 750 lm Emergency Output)

**E5SQLFU20EM1**  
2000 lm  
(up to 750 lm Emergency Output)

**E5SQLFU11EM2**  
1100 lm  
(up to 1100 lm Emergency Output)

**E5SQLFU20EM2**  
2000 lm  
(up to 1100 lm Emergency Output)



- INPUT VOLTAGE** 120/277V
- LUMEN (WATTAGE)** 1100 lm (16W), 2000 lm (28W)
- EMERGENCY BACKUP** Optional
- DIMMABLE** Triac (1100 lm units), 0-10V (2000 lm units)
- CONNECTOR** Enclosed IDEAL® Quick Connect
- EMERGENCY BACKUP** Optional 90 minutes, 120/277 VAC, 60Hz.
- CAPTIVE HANGER BARS** Span 24" Can be repositioned at 90°. with Real Nail
- JUNCTION BOX** Contains one 3/8" and four 1/2" knockouts and four Romex pryouts with strain relief
- DRIVER** High Efficiency Driver. Mounted on J-box for greater lumen output and easy access from below the ceiling
- FOR USE IN INSULATED CEILING** UL Listed with ELCO 5" Square Inserts
- FEED THROUGH** UL Listed
- DAMP LOCATION** UL Listed
- WET LOCATION** UL Listed with wet location inserts
- AIRFLOW REQUIREMENTS** Inserts meet restricted air flow (Per ASTM E-283)
- CA T24** Compliant
- WARRANTY** 5 years Limited
- LIGHT ENGINE** Ordered separately, found on following pages
- 2 1/2" HEIGHT** Allows for installation in shallow ceilings (when used with non adjustable light engines)

**Product Number Builder**

ELCO 5" Square	LED	Frame	120/277V	Lumen	Optional
<b>E5SQ</b>	<b>L</b>	<b>F</b>	<b>U</b>		
				<b>11</b> 1100 lm	<b>EM1</b> 750 lm Emergency Output
				<b>20</b> 2000 lm	<b>EM2</b> 1100 lm Emergency Output

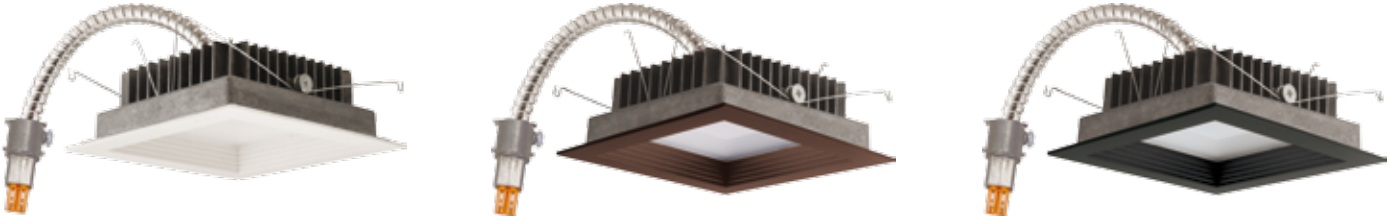
Example: **E5SQLFU11** [ ELCO 5" Plaster Frame 120/277V 1100 lm ]

# 5" LED Light Engine with Baffle Trim

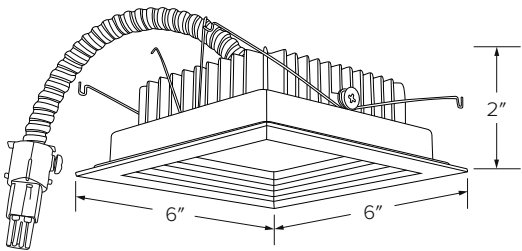
LED Light Engine with White Baffle Trim

LED Light Engine with Bronze Baffle Trim

LED Light Engine with Black Baffle Trim



<b>E524L1130W</b> 1100 lm 3000K 16W	<b>E524L1140W</b> 1100 lm 4000K 16W	<b>E524L1130BZ</b> 1100 lm 3000K 16W	<b>E524L1140BZ</b> 1100 lm 4000K 16W	<b>E524L1130B</b> 1100 lm 3000K 16W	<b>E524L1140B</b> 1100 lm 4000K 16W
<b>E524L2030W</b> 2000 lm 3000K 26W	<b>E524L2040W</b> 2000 lm 4000K 26W	<b>E524L2030BZ</b> 2000 lm 3000K 26W	<b>E524L2040BZ</b> 2000 lm 4000K 26W	<b>E524L2030B</b> 2000 lm 3000K 26W	<b>E524L2040B</b> 2000 lm 4000K 26W

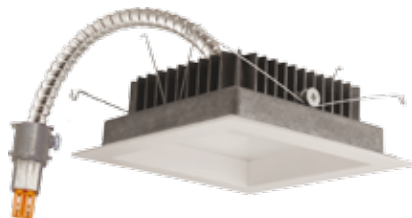


- LUMEN (WATTAGE) 1100 lm (16W) or 2000 lm (26W)
- COLOR TEMPERATURE 3000K or 4000K
- CRI 90+
- LED Array
- LIFE SPAN 50,000 Hours L70
- WET LOCATION UL Listed
- FOR USE IN INSULATED CEILING UL Listed
- AIRFLOW REQUIREMENTS Meets restricted air flow (Per ASTM E-283)
- CONNECTOR Enclosed IDEAL® Quick Connect
- LENS Frosted

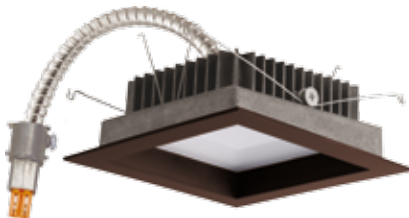
	ELCO 5" Square Light Engine	Trim	LED	Lumen	Color Temp.	Finish
<b>Product Number Builder</b>	<b>E5</b>		<b>L</b>			
		<b>20</b> Reflector		<b>11</b> 1100 lm	<b>30</b> 3000K	<b>W</b> White
		<b>24</b> Baffle		<b>20</b> 2000 lm	<b>40</b> 4000K	<b>BZ</b> Bronze
						<b>B</b> Black
	Example: <b>E524L1130W</b> [ ELCO 5" LED Light Engine, Baffle Trim, 1100 lm, 3000K, White ]					

# 5" LED Light Engine with Reflector Trim

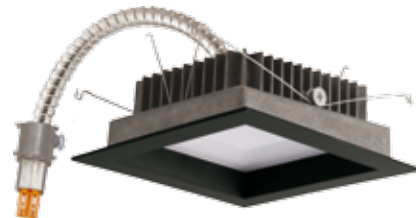
LED Light Engine with White Reflector Trim



LED Light Engine with Bronze Reflector Trim



LED Light Engine with Black Reflector Trim

**E520L1130W E520L1140W**

1100 lm 1100 lm  
3000K 4000K  
16W 16W

**E520L2030W E520L2040W**

2000 lm 2000 lm  
3000K 4000K  
26W 26W

**E520L1130BZ E520L1140BZ**

1100 lm 1100 lm  
3000K 4000K  
16W 16W

**E520L2030BZ E520L2040BZ**

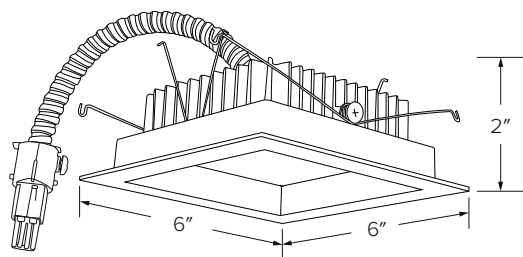
2000 lm 2000 lm  
3000K 4000K  
26W 26W

**E520L1130B E520L1140B**

1100 lm 1100 lm  
3000K 4000K  
16W 16W

**E520L2030B E520L2040B**

2000 lm 2000 lm  
3000K 4000K  
26W 26W

**LUMEN (WATTAGE)** 1100 lm (16W) or 2000 lm (26W)**COLOR TEMPERATURE** 3000K or 4000K**CRI** 90+**LED** Array**LIFE SPAN** 50,000 Hours L70**WET LOCATION** UL Listed**FOR USE IN INSULATED CEILING** UL Listed**AIRFLOW REQUIREMENTS** Meets restricted air flow (Per ASTM E-283)**CONNECTOR** Enclosed IDEAL® Quick Connect**LENS** Frosted**Product Number Builder**

ELCO 5" Square Light Engine

Trim

LED

Lumen

Color Temp.

Finish

**E5****L****20** Reflector**24** Baffle**11** 1100 lm**20** 2000 lm**30** 3000K**40** 4000K**W** White**BZ** Bronze**B** BlackExample: **E520L1130W** [ ELCO 5" LED Light Engine, Reflector Trim, 1100 lm, 3000K, White ]

# 5" Adjustable Pull Down LED Light Engine

Fully Adjustable White Pull Down LED Light Engine  
(85° Tilt, 356° Rotation)



Fully Adjustable Bronze Pull Down LED Light Engine  
(85° Tilt, 356° Rotation)



**E523L1130W**

1100 lm  
3000K  
16W

**E523L1140W**

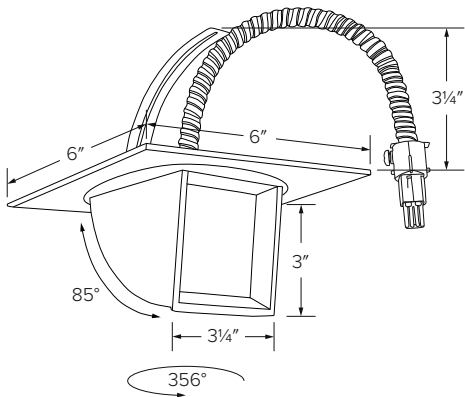
1100 lm  
4000K  
16W

**E523L1130BZ**

1100 lm  
3000K  
16W

**E523L1140BZ**

1100 lm  
4000K  
16W



- LUMEN (WATTAGE) 1100 lm (16W)
- COLOR TEMPERATURE 3000K or 4000K
- CRI 90+
- LED Array
- LIFE SPAN 50,000 Hours L70
- DAMP LOCATION UL Listed
- FOR USE IN INSULATED CEILING UL Listed
- AIRFLOW REQUIREMENTS Meets restricted air flow (Per ASTM E-283)
- CONNECTOR Enclosed IDEAL® Quick Connect
- LENS Frosted

	ELCO 5" Square LED Light Engine	Trim	LED	Lumen	Color Temp.	Finish
Product Number Builder	<b>E5</b>		<b>L</b>			
		<b>23</b> Adjustable Pull Down		<b>11</b> 1100 lm	<b>30</b> 3000K	<b>W</b> White
					<b>40</b> 4000K	<b>BZ</b> Bronze

Example: **E523L1130W** [ ELCO 5" LED Light Engine, Fully Adjustable Pull Down, 1100 lm, 3000K, White ]

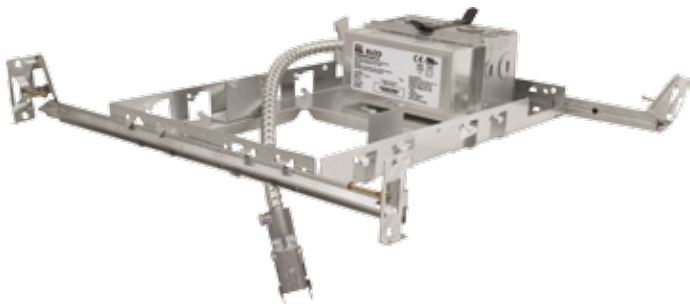


# 5" Non-IC Pull Down **LED Light Engine**

White Pull Down LED Light Engine  
(85° Tilt)



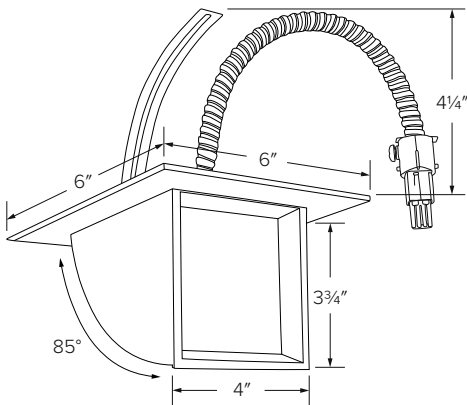
Non-IC Frame



**E5SQLFU20A**  
2000 lm

**E521L2030W**  
2000 lm  
3000K  
26W

**E521L2040W**  
2000 lm  
4000K  
26W



- LUMEN (WATTAGE)** 2000 lm (26W)
- COLOR TEMPERATURE** 3000K or 4000K
- CRI** 90+
- LED** Array
- LIFE SPAN** 50,000 Hours L70
- DAMP LOCATION** UL Listed
- AIRFLOW REQUIREMENTS** Meets restricted air flow (Per ASTM E-283)
- CONNECTOR** Enclosed IDEAL© Quick Connect
- LENS** Frosted

**Product Number Builder**

ELCO 5" Square LED Light Engine	Trim	LED	Lumen	Color Temp.	White
<b>E5</b>		<b>L</b>			<b>W</b>
	<b>21</b> Pull Down		<b>20</b> 2000 lm	<b>30</b> 3000K <b>40</b> 4000K	

Example: **E521L1130W** [ ELCO 5" LED Light Engine, Pull Down, 1100 lm, 3000K, White ]

# Accessories

## Emergency Battery Backup

90 Minutes of emergency light, 120/277V AC, 60Hz



### KEM-LD3

8W, Up to 750 lm  
Emergency Output

### KEM-LD4

12W, Up to 1100 lm  
Emergency Output

## Replacement Baffle Trims



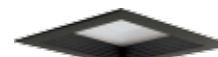
### EL5324W

White



### EL5324BZ

Bronze



### EL5324B

Black

## Replacement Reflector Trims



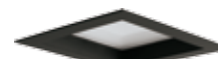
### EL5320W

White



### EL5320BZ

Bronze



### EL5320B

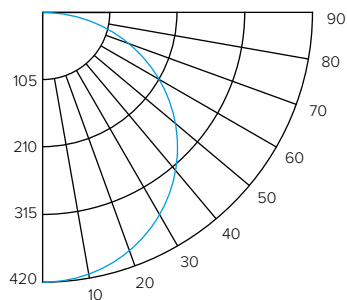
Black

## LED Light Engine

Multiplier: 4000K (x 1.08) - 2000 lm (x 1.82)

### PHOTOMETRIC REPORT

Product #: E520L1130W / E524L1130W  
Test #: GZE141239  
Luminaire LPW: 69



### CANDLEPOWER SUMMARY

Degrees Vertical	0°
0	418
5	417
15	401
25	369
35	321
45	262
55	197
65	119
75	36
85	7
90	0

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	26.3	10.4'
6'	11.67	15.6'
8'	6.6	20.8'
10'	4.2	26'

### ZONAL LUMEN SUMMARY

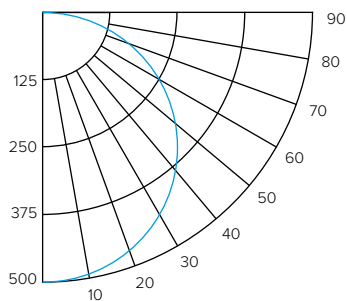
Zone	Lumens	%Luminaire
0-30°	321.4	30.4%
0-40°	521.0	49.3%
0-60°	893.5	84.5%
0-90°	1057.2	100%

## Adjustable LED Light Engine

Multiplier: 4000K (x 1.08)

### PHOTOMETRIC REPORT

Product #: E523L1130W  
Test #: GZE151136-D  
Luminaire LPW: 69



### CANDLEPOWER SUMMARY

Degrees Vertical	0°
0	499
5	495
15	469
25	419
35	351
45	270
55	185
65	101
75	32
85	5
90	0

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	31.25	8.9'
6'	13.9	13.4'
8'	7.8	17.9'
10'	5	22.3'

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	374.6	30.4%
0-40°	597.2	49.3%
0-60°	982.4	84.5%
0-90°	1140.2	100%



CAT. # 1038

\$8.00



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