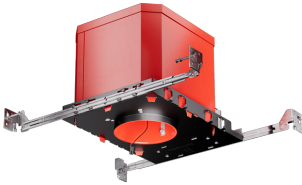


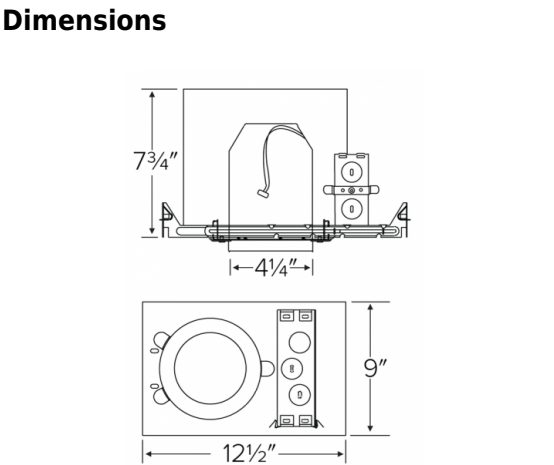
4" IC Airtight New Construction 2-Hour Fire Rated Housing for Koto™ LED Engine



Features	Specifications								
<ul style="list-style-type: none"> <li>IC Airtight for direct contact with insulation.</li> <li>Koto™ Commercial Housing: 120/277V 0-10V/Triac/ELV or 120V Triac/ELV with optional Emergency Battery Backup.</li> <li>Must be used with Commercial Construction Koto™ LED Light Engines (ELK19, ELK21, or ELK24 Series).</li> <li>Lumen output based on module.</li> <li>2-Hour Fire and Sound Rated.</li> </ul>	<table> <tr> <td><b>Wattage</b></td><td>11.8W</td></tr> <tr> <td><b>Lumens</b></td><td>750 (ELK19) - 950 (ELK21) - 1100 (ELK24) lm</td></tr> <tr> <td><b>Voltage</b></td><td>120/277V or 120V</td></tr> <tr> <td><b>Dimmable</b></td><td>Triac/ELV, 0-10V/Triac/ELV</td></tr> </table>	<b>Wattage</b>	11.8W	<b>Lumens</b>	750 (ELK19) - 950 (ELK21) - 1100 (ELK24) lm	<b>Voltage</b>	120/277V or 120V	<b>Dimmable</b>	Triac/ELV, 0-10V/Triac/ELV
<b>Wattage</b>	11.8W								
<b>Lumens</b>	750 (ELK19) - 950 (ELK21) - 1100 (ELK24) lm								
<b>Voltage</b>	120/277V or 120V								
<b>Dimmable</b>	Triac/ELV, 0-10V/Triac/ELV								

Technical Details

<b>Construction:</b> <ul style="list-style-type: none"> <li>Double Wall IC Rated for direct contact with insulation. For use in IC and non-IC conditions.</li> <li>Housing adjusts in frame to accommodate up to 1 1/2" ceiling thickness.</li> <li>Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements.</li> </ul>
<b>Installation:</b> <ul style="list-style-type: none"> <li>Designed for ceiling plenums where 2x8 joists or taller are used.</li> <li>High strength hanger bars can easily be nailed to joists.</li> <li>Suitable for T-grid and drop ceiling applications.</li> <li>See installation sheet for detailed information.</li> </ul>
<b>Junction Box:</b> Positioned to accommodate straight conduit runs. Two 3/4" knockouts, Seven 1/2" trade size conduit knockouts, One 3/8" knockout. Four Pry-out knockout slots for easy romex installation.
<b>Hanger Bars:</b> Pre Installed hanger bars with True Nail easy installation in regular lumber, engineered lumber, and Laminated Beams. Integral T-bar slots for easy installation in T-Bars. Spans up 24" and can be repositioned 90°. Score lines allow for tool-free hanger bar size reduction. Integral leveling flange allows for single-person installation while easily aligning the housings with the joists.
<b>Electrical:</b> High Efficiency driver with a power factor > 0.9.
<b>Emergency Battery Pack:</b> Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.
<b>Listings:</b> cUL Listed for Damp Location and for Wet Location with select trims. cUL Listed for Direct Contact with Insulation and Combustible Material. cUL Listed for Feed Through.



Product Numbers

Item	Description	Lumens	Watts	Voltage	Dimming
ELK93FICA	2-Hour Fire Rated New Construction	750 (ELK19)	11.8W	120V	Triac/ELV
		- 950 (ELK21)			
		- 1100 (ELK24)			
		lm			
ELK94FICAD	2-Hour Fire Rated New Construction	750 (ELK19)	11.8W	120/277V	0-10V/Triac/ELV
		- 950 (ELK21)			
		- 1100 (ELK24)			
		lm			

Product Number Builder

Example: ELK93FICA

4" Koto™ 2-Hour Fire Rated ICA Housing

Voltage

Dimming

ELK

93 120V

94 120/277V

FICA Triac/ELV

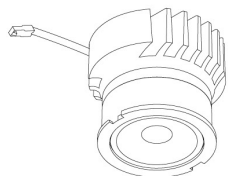
FICAD 0-10V/Triac/ELV

# Compatible Products

For use with Dedicated 4" Architectural ICA LED Housings



## Koto™ Architectural LED Light Engine



Koto™ LED Light Engine  
ELK19 - ELK21

PRODUCT NUMBER BUILDER			
Koto™ LED Light Engine	Lumens	Color Temperature	Beam Angle
ELK			
19	750 - 850 lm*	27D 2700K	(blank) 38° lens (Standard)
21	1100 - 1500 lm*	30D 3000K	-S 18° lens
24	1100 - 1800 lm*	35D 3500K	-N 25° lens
		40D 4000K	-W 60° lens
		SD Sunset Dimming (ELK19 Only)	-FC 18° - 50° Adjustable (ELK21 Only)

\*Wattage based on housing.

### ACCESSORIES



#### Lens

EP731C 18° Lens  
EP732C 25° Lens  
EP733C 38° Lens  
EP734C 60° Lens

\*EP732C, EP733C, EP734C Included



#### Snoot

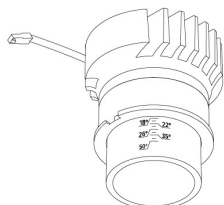
L50W White  
L50B Black



#### Secondary Optics

L45 Hex Louver  
L46 Linear Lens  
L47 Spread Louver  
L49 Frosted Lens  
L51 Color Shifter

## Koto™ FOCUS Architectural LED Light Engine



Koto™ FOCUS  
LED Light Engine

PRODUCT NUMBER BUILDER			
Koto™ FOCUS LED Light Engine	Lumens	Color Temperature	Beam Angle
ELK			
21	1100 - 1500 lm	27D 2700K 30D 3000K 35D 3500K 40D 4000K	-FC 18° - 50° Adjustable Focus

\*Wattage based on housing.

## 4" Pex™ Twist-On Trims



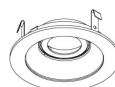
Shallow Reflector

ELK4116  
Finishes:  
(W, H)



Reflector

ELK4118  
Finishes:  
(W, BB, BZ, B, C, H)



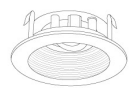
Adjustable Gimbal

ELK4129  
Finishes:  
(W, BB, BZ, B, C, H)



Adjustable Pinhole

ELK4127  
Finishes:  
(W, B, BB, BZ, N, CP)



Adjustable Baffle

ELK4193  
Finishes:  
(W, BB, B)



Rotatable Slot Aperture

ELK4120  
Finishes:  
(W)



Slot Aperture

ELK4130  
Finishes:  
(W)



Adjustable Spot

ELK4188  
Finishes:  
(W, B, BZ)

# Compatible Products



For use with Dedicated 4" Architectural ICA LED Housings & ALO™ Box

## 4" Pex™ Twist-On Trims



**Shallow Reflector**  
**ELK4216**  
Finishes:  
(W, H)



**Reflector**  
**ELK4218**  
Finishes:  
(W, BB, BZ, B, C, H)



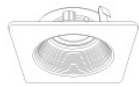
**Adjustable Gimbal**  
**ELK4229**  
Finishes:  
(W, BB, BZ, B, C, H)



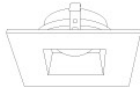
**Adjustable Pinhole**  
**ELK4227**  
Finishes:  
(W, B, BB, BZ, N)



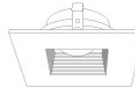
**Adjustable Slot Rotatable**  
**ELK4220**  
Finishes:  
(W)



**Adjustable Phenolic Baffle**  
**ELK4293**  
Finishes:  
(W, BB, B)



**Adjustable Reflector**  
**ELK4282**  
Finishes:  
(W, BZ)



**Adjustable Baffle**  
**ELK4284**  
Finishes:  
(W, B, BZ)

\*Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black Reflector w/White Ring, **C** - Chrome Reflector w/White Ring, **H** - Haze Reflector w/White Ring

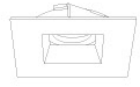
## 4" Flexa™ Twist-On Trims



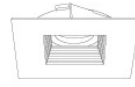
**Round Reflector**  
**ELK4721**  
Finishes:  
(WW, BB, BZBZ, BW, CC, CW, HW, CN)



**Round Baffle**  
**ELK4723**  
Finishes:  
(WW, BB, BZBZ, BW)



**Square Reflector**  
**ELK4741**  
Finishes:  
(WW, BB, BZBZ, BW, HW)  
*\*Not for Remodel Housing*



**Square Baffle**  
**ELK4743**  
Finishes:  
(WW, BB, BZBZ, BW)  
*\*Not for Remodel Housing*



**Adjustable Sq. Reflector**  
**ELK4759**  
Finishes:  
(WW, BB, B, H)

\*Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black Reflector w/White Ring, **C** - Chrome Reflector w/White Ring, **H** - Haze Reflector w/White Ring