

6" 0-10V LED Inserts

The Ply System 0-10V dimmable LED Inserts are engineered with energy-efficient LED technology and with a 120/277V 0-10V dimmable driver for a budget friendly 0-10V solution. Designed to be used for New Construction, Remodel with ELCO Ply System Housings or as a retrofit with existing housings.



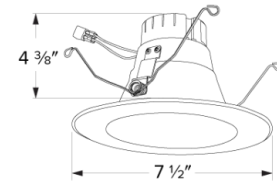
Features

- 0-10V Dimmable
- 120/277V Driver
- Soft white lens provides smooth lumen distribution and eliminates LED pixelation
- Deep set LED trim reduces glare while providing even illumination
- 93+ CRI for extremely accurate color rendering
- ETL listed
- Energy Star Certified
- Title 24 JA8-2019 Compliant
- Life span of 50,000 hours L70

Specifications

Wattage	20W
Lumens	1425 lm
Voltage	120/277V
Color Temp.	3500K
Dimmable	0-10V
Lamp Type	LED
CRI	93+
Wet Location	Listed

Dimensions



Technical Details

Optics: Frosted polycarbonate lens diffuses light evenly throughout while reducing glare with LED Array technology.

Construction: For use in IC and non-IC housings. Spun Aluminum for greater heat dissipation. High quality powder coat finish preventing rust and paint cracking.

Installation: Quick connect for use with EL76FICDXA, EL76FICDXA-B, EL760ICDXA, EL760ICDXA-B, EL760ICDXA-EM5 and EL760RICDXA.

Electrical: Driver connects to 120/277V power supply. High Efficiency driver with a power factor > 0.9. Start time of less than .75 seconds.

LED Technology: Extremely accurate color rendering with 93+ CRI. Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results. Superior Thermal Management by utilizing integral heat sink. Instant On to Full Brightness. No LED pixelation.

Dimmability: Works with 0-10V dimmers . Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List. Industry leading dimming. Dims smoothly with no hot spots or flickering.

Listings: Listed for Wet Location. RoHS Compliant. Energy Star Certified. Title 24 JA8-2019 Compliant.

Warranty: ELCO Products are built to last with a 5-year Limited Warranty.

Product Number

Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Finish
EL6953DCW	LED	1425 lm	3500K	20W	120/277V	0-10V	Chrome with White Ring

Product Number Builder Example: EL69530DCW

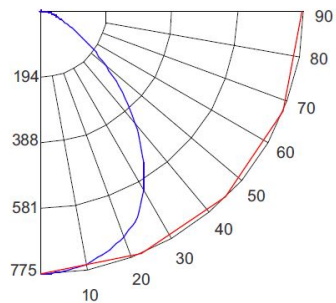
ELCO 6" LED Inserts	Color Temp.	Finish
EL695	30 3000K 35 3500K	DCW Chrome w/White Ring

6" 0-10V LED Insert

Multiplier: 3000K (x 0.96), 4000K (x 1.04)

PHOTOMETRIC REPORT

Product #: EL69535D
 Wattage/Lumens: 20.4W/ 1426 lm
 Luminaire LPW: 70 Lm/W



CANDLE POWER SUMMARY

Degrees Vertical	0°
0	775
5	768
15	731
25	661
35	509
45	323
55	163
65	70
75	32
85	8
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	48.4	7.2'
6'	21.5	10.8'
8'	12.1	14.3'
10'	7.75	17.9'

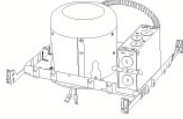
ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30°	583.86	40.90
0-40°	904.37	63.40
0-60°	1308.81	91.80
0-90°	1424.97	99.90

Compatible Products

For use with 6" 0-10V LED Inserts

6" 0-10V Dedicated LED Housings



6" 0-10V Dedicated LED Housing
New Construction



6" 0-10V Dedicated LED Housing
Remodel



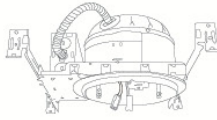
2-Hour Fire Rated
6" 0-10V Dedicated LED Housing
New Construction

CAT NO.	SPECIFICATIONS
EL770ICDXA	120/277V
EL770ICDXA-B	Butterfly Bracket
EL770ICDXA-EM5	Emergency Back-Up

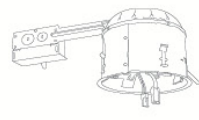
CAT NO.	SPECIFICATIONS
EL770RICDXA	120/277V

CAT NO.	SPECIFICATIONS
EL76FICDXA	7 3/4" Height - 24W, 120/277V
EL76FICDXA-B	Butterfly Bracket

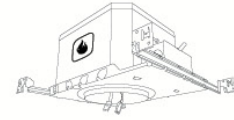
6" 0-10V Shallow Dedicated LED Housings



6" 0-10V Dedicated LED Housing
Shallow New Construction



6" 0-10V Dedicated LED Housing
Shallow Remodel



2-Hour Fire Rated
6" 0-10V Dedicated LED Housing
Shallow New Construction

CAT NO.	SPECIFICATIONS
EL760ICDXA	120/277V
EL760ICDXA-B	Butterfly Bracket
EL760ICDXA-EM5	Emergency Back-Up

CAT NO.	SPECIFICATIONS
EL760RICDXA	120/277V

CAT NO.	SPECIFICATIONS
EL75FICDXAS	6 3/16" Height - 24W, 120/277V

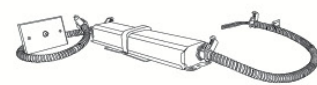
6" Accessories



**Hanger Bars
for Butterfly Bracket**



**Hanger Bars
for Butterfly Bracket**



Emergency Battery Backup

CAT NO.	SPECIFICATIONS
FB27	Set of two 27" flat hanger bars for wood construction

CAT NO.	SPECIFICATIONS
CH26	Set of two 26" C-Channel hanger bars for T-Bar ceiling

CAT NO.	SPECIFICATIONS
KEM-LD5	8W, 120/277V