

Commercial Lighting



The **Ply**TM System

0-10V Dimmable LED Recessed Fixtures

EL **ELCO Lighting**
The Best Choice in Lighting

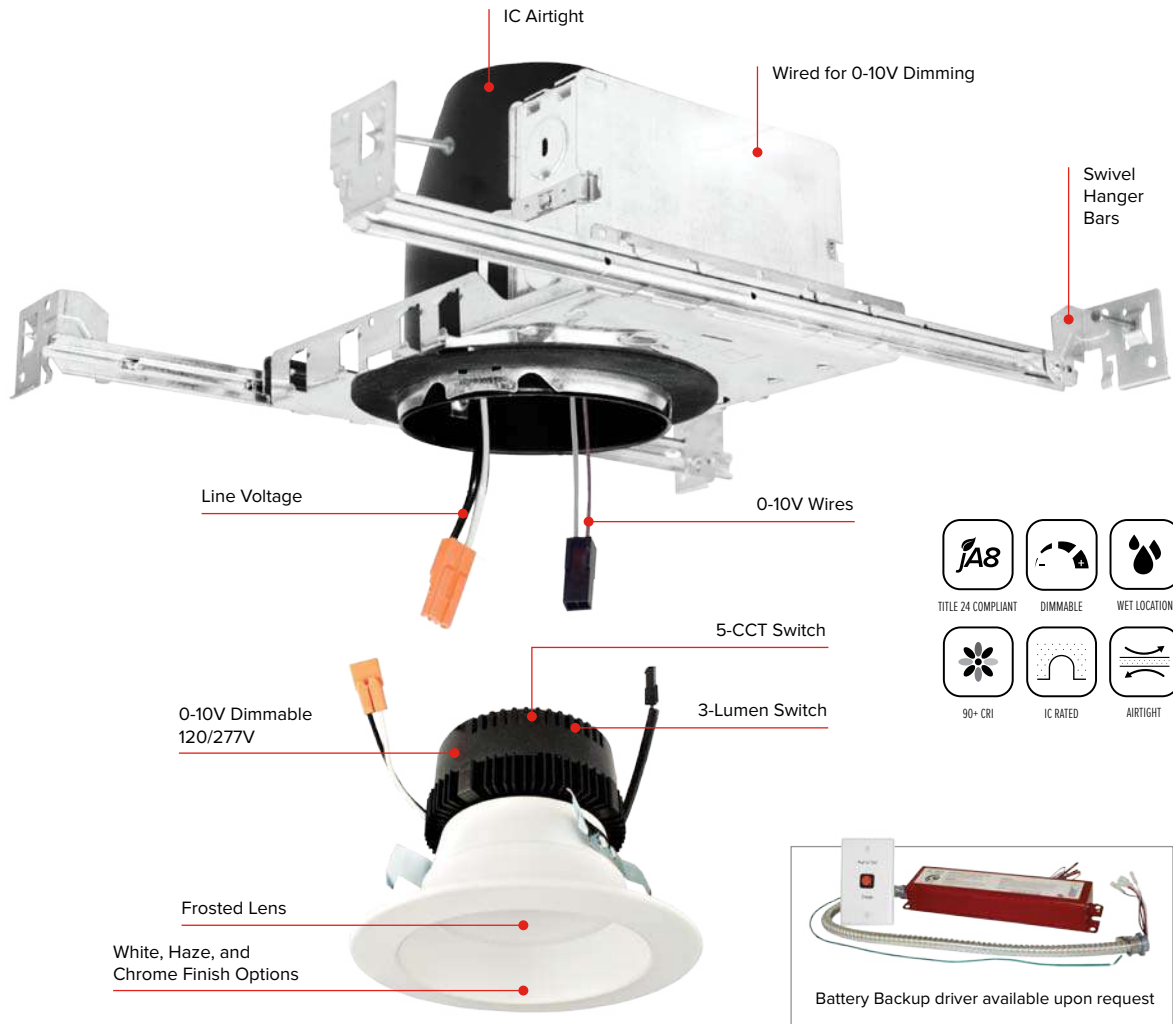


Introducing **The Ply™ System**

The ELCO Ply™ System is a simple yet effective 0-10V dimming solution for recessed LED lighting. With deep-set trims to minimize glare, adjustable beam angles to maximize ambiance, and color finishes to match any commercial project, this system is easily winning rave reviews. High lumen outputs, CCT options, and simple installation - that's The Ply™ System.

The Ply™ System

0-10V Dimmable LED & Housings



SIZE	STYLES	FINISHES	LUMENS	COLOR TEMPERATURE
4"	Downlight	White Black Bronze Chrome Haze	650 lm to 2000 lm	2700K - 5000K
6"	Adjustable			

4" Ply™ 0-10V Dedicated LED Housing

Wired for 0-10V Dimming

- IC Airtight rated for direct contact with insulation
- 120/277V Input
- Meets restricted air flow requirements (per ASTM E-283)
- UL listed for direct contact with insulation
- UL listed for damp locations
- UL listed for wet location with wet location rated inserts
- UL listed for feed through
- CA Title 24 compliant



EL49FICDXA

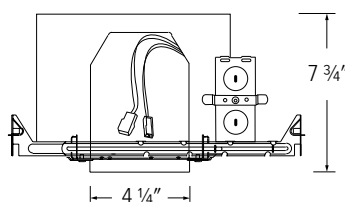


2-Hour Fire Rated

ICA New Construction Housing



- 2-Hour fire rated to meet & exceed fire safety codes
- Integrated non-combustible insulation act as a sound barrier minimizing sound transfer between floors



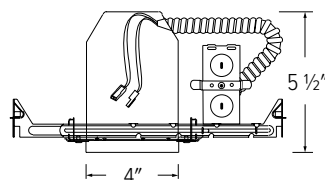
EL490ICDXA

EL490ICDXAEM

Emergency Battery Backup

4" ICA New Construction Housing

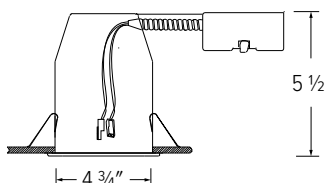
- Single Wall Housing
- Captive hanger bars span 24" can be repositioned at 90°



EL490RICDXA

4" ICA Remodel Housing

- Single Wall Remodel Housing
- (4) Remodel clips to secure housing



4" Ply™ 0-10V LED Inserts with 5-CCT & 3-Lumen Switch

0-10V Dimmable LED Inserts

- Manually switch to chose desired Color Temperature and Lumen Output
- 0-10V Dimmable
- 120/277V Driver
- 90+ CRI for extremely accurate color rendering
- CA Title 24, ETL listed, ENERGY STAR, JA8-2016-E
- Life span of 50,000 hours L70
- Patents Pending



5-CCT Switch

2700K, 3000K, 3500K,
4000K, 5000K

Lumen Switch

850 lm (9.5W)
1000 lm (13.5W)
1500 lm (18W)



All White
EL475CT5DW
850 lm - 1500 lm
2700K - 5000K
9.5W - 18W



Haze/White Ring
EL475CT5DHW
850 lm - 1500 lm
2700K - 5000K
9.5W - 18W

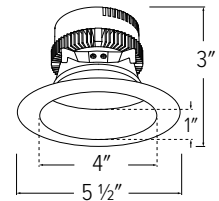


All Black
EL475CT5DBB
850 lm - 1500 lm
2700K - 5000K
9.5W - 18W

4" 0-10V Round LED Reflector Insert with 5-CCT & 3-Lumen Switch

- Manually switch to desired Color Temperature: 2700K, 3000K, 3500K, 4000K, 5000K
- Manually switch to desired Lumen Output: 850 lm (9.5W), 1000 lm (13.5W), 1500 lm (18W)
- Designed to be used for New Construction, Remodel, with ELCO Ply System Housings
- Soft white lens provides smooth lumen distribution and eliminates LED pixelation
- Deep set LED trim reduces glare while providing even illumination

Input Power	9.5W - 18W
Lumens	850 - 1500
Color Temp.	2700K - 5000K
CRI	90+
Input Volt	120/277V
Wet Location	UL listed
Dimmable	0-10V



4" Ply™ 0-10V Gimbal LED Inserts

0-10V Dimmable LED Inserts

- 0-10V Dimmable
- 120/277V Driver
- 93+ CRI for extremely accurate color rendering
- CA Title 24, ETL listed, ENERGY STAR, JA8-2016-E
- Life span of 50,000 hours L70



White
EL41427DXW
650 lm
2700K
10.5W

Black
EL41430DXW
680 lm
3000K
10.5W

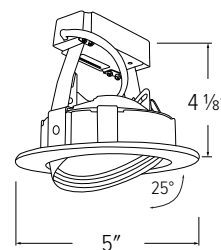
EL41430DXW
680 lm
3000K
10.5W

EL41435DXW
710 lm
3500K
10.5W

4" 0-10V Round LED Adjustable Gimbal Insert

- 25° tilt
- 60° beam angle

Input Power	10.5W
Lumens	650 - 710
Color Temp.	2700K - 3500K
CRI	93+
Input Volt	120/277V
Damp Location	UL listed
Dimmable	0-10V/Triac/ELV



4" Ply™ 0-10V Adjustable LED Inserts

0-10V/Triac/ELV Dimmable LED Inserts

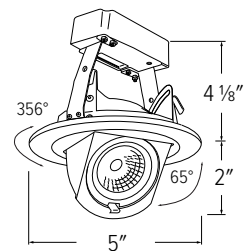
- 0-10V/Triac/ELV Dimmable
- 120/277V Driver
- 93+ CRI for extremely accurate color rendering
- CA Title 24, UL listed, ENERGY STAR, JA8-2016-E
- Life span of 50,000 hours L70
- Adjustability of 65° tilt and 356° rotation



4" 0-10V Round LED Adjustable Pull-Down

- Interchangeable lens available for multiple beam angles. 36° standard, 20° (EP710C) and 60° (EP712C) optional

Input Power	12.6W
Lumens	850 - 900
Color Temp.	2700K - 3000K
CRI	93+
Input Volt	120/277V
Damp Location	UL listed
Dimmable	0-10V/Triac/ELV



Interchangeables Lens (Optional)



EP710C
20° Beam

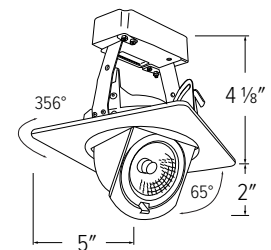
EP712C
60° Beam



4" 0-10V Square LED Adjustable Pull-Down

- Interchangeable lens available for multiple beam angles. 36° standard, 20° (EP710C) and 60° (EP712C) optional

Input Power	12.6W
Lumens	850 - 900
Color Temp.	2700K - 3000K
CRI	93+
Input Volt	120/277V
Damp Location	UL listed
Dimmable	0-10V/Triac/ELV



Interchangeables Lens (Optional)



EP710C
20° Beam

EP712C
60° Beam

6" Ply™ 0-10V Dedicated LED Housing

Wired for 0-10V Dimming

- IC Airtight rated for direct contact with insulation
- 120/277V Input
- Meets restricted air flow requirements (per ASTM E-283)
- UL listed for direct contact with insulation
- UL listed for wet location with wet location rated inserts
- UL listed for feed through
- CA Title 24 compliant



EL76FICDXA



FIRE RATED

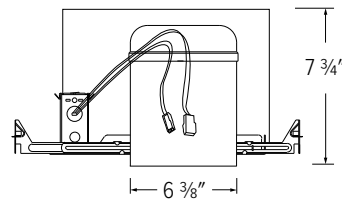


SOUND RATED

2-Hour Fire Rated

ICA New Construction Housing

- 2-Hour fire rated to meet & exceed fire safety codes
- Integrated non-combustible insulation act as a sound barrier minimizing sound transfer between floors



EL770ICDXA

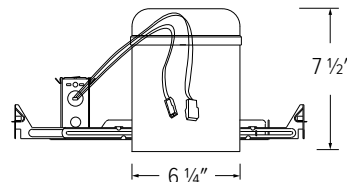


EL770ICDXAEM

Emergency Battery Backup

6" ICA New Construction Housing

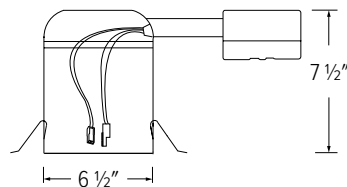
- Single Wall Housing
- Captive hanger bars span 24" can be repositioned at 90°



EL770RICDXA

6" ICA Remodel Housing

- Single Wall Remodel Housing
- (4) Remodel clips to secure housing



6" Ply™ 0-10V Shallow Dedicated LED Housing

Wired for 0-10V Dimming

- IC Airtight rated for direct contact with insulation
- 120/277V Input
- Meets restricted air flow requirements (per ASTM E-283)
- UL listed for direct contact with insulation
- UL listed for wet location with wet location rated inserts
- UL listed for feed through
- CA Title 24 compliant



EL75FICDXA



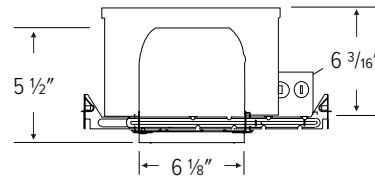
FIRE RATED



SOUND RATED

2-Hour Fire Rated Shallow ICA New Construction Housing

- 2-Hour fire rated to meet & exceed fire safety codes
- Integrated non-combustible insulation act as a sound barrier minimizing sound transfer between floors



EL760ICDXA

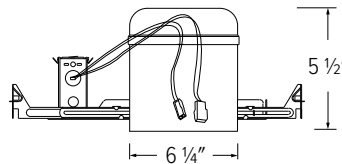


EL760ICDXAEM

Emergency Battery Backup

6" Shallow ICA New Construction Housing

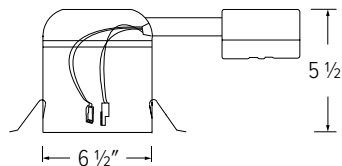
- Single Wall Housing
- Captive hanger bars span 24" can be repositioned at 90°



EL760RICDXA

6" Shallow ICA Remodel Housing

- Single Wall Remodel Housing
- (4) Remodel clips to secure housing



6" Ply™ 0-10V LED Inserts with 5-CCT & 3-Lumen Switch

0-10V Dimmable LED Inserts

- Manually switch to chose desired Color Temperature and Lumen Output
- 0-10V Dimmable
- 120/277V Driver
- 90+ CRI for extremely accurate color rendering
- CA Title 24, ETL listed, ENERGY STAR, JA8-2016-E
- Life span of 50,000 hours L70
- Patents Pending

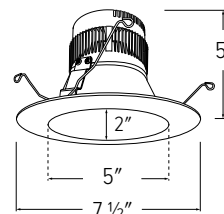


5-CCT Switch
2700K, 3000K, 3500K,
4000K, 5000K
Lumen Switch
1000 lm (13W)
1500 lm (19W)
2000 lm (24W)

6" 0-10V Round LED Reflector Insert with 5-CCT & 3-Lumen Switch

- Manually switch to desired Color Temperature: 2700K, 3000K, 3500K, 4000K, 5000K
- Manually switch to desired Lumen Output: 1000 lm (13W), 1500 lm (19W), 2000 lm (24W)
- Designed to be used for New Construction, Remodel, with ELCO Ply System Housings
- Soft white lens provides smooth lumen distribution and eliminates LED pixelation
- Deep set LED trim reduces glare while providing even illumination

Input Power	13W - 24W
Lumens	1000 - 2000
Color Temp.	2700K - 5000K
CRI	90+
Input Volt	120/277V
Wet Location	UL listed
Dimmable	0-10V



All White
EL685CT5DW
1000 lm - 2000 lm
2700K - 5000K
13W - 24W



Haze/White Ring
EL685CT5DHW
1000 lm - 2000 lm
2700K - 5000K
13W - 24W



Chrome/White Ring
EL685CT5DCW
1000 lm - 2000 lm
2700K - 5000K
13W - 24W



All Black
EL685CT5DBB
1000 lm - 2000 lm
2700K - 5000K
13W - 24W

6" Ply™ 0-10V Adjustable LED Inserts

0-10V/Triac/ELV Dimmable LED Inserts

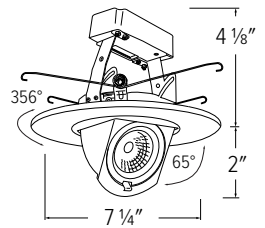
- 0-10V Dimmable
- 120/277V Driver
- 93+ CRI for extremely accurate color rendering
- CA Title 24, ETL listed, ENERGY STAR, JA8-2016-E
- Life span of 50,000 hours L70



6" 0-10V Round LED Adjustable Pull-Down

- Interchangeable lens available for multiple beam angles. 36° standard, 20° (EP710C) and 60° (EP712C) optional
- Adjustability of 65° tilt and 356° rotation

Input Power	12.6W
Lumens	850 - 900
Color Temp.	2700K - 3000K
CRI	93+
Input Volt	120/277V
Damp Location	UL listed
Dimmable	0-10V/Triac/ELV



Interchangeables Lens (Optional)



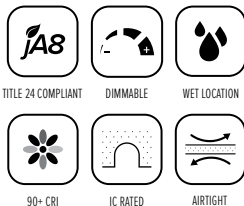
EP710C
20° Beam

EP712C
60° Beam

0-10V Dimmable LED Downlights



- 0-10V/Triac/ELV Dimming
- Eliminates the need for Housing
- Designed to fit in Shallow Plenums (2" - 4")
- New Construction application requires mounting plate or frame
- Remodel application require no additional accessories
- IC Airtight for use with direct to insulation
- Includes Driver and J-Box



0-10V LED Downlights
with 5-CCT & 3-Lumen Switch



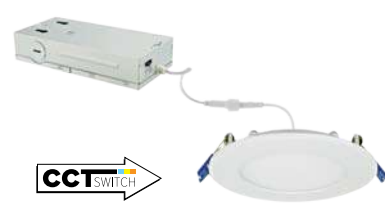
Size: 4" & 6"
Input Power: 12W - 32W
Lumens: 1000 lm - 2500 lm
Color Temp: 2700K - 5000K
Input Volt: 120/277V

0-10V LED Downlights
with 5-CCT Switch



Size: 4" & 6"
Input Power: 11W - 12W
Lumens: 750 lm - 950 lm
Color Temp: 2700K - 5000K
Input Volt: 120/277/347V

0-10V Ultra Slim LED Panel Lights
with 5-CCT Switch



Size: 4", 6", & 8"
Input Power: 12W - 20W
Lumens: 750 lm - 1200 lm
Color Temp: 2700K - 5000K
Input Volt: 120/277/347V

4" 0-10V LED Downlights with 5-CCT & 5-Lumen Switch

0-10V Dimmable LED Recessed Downlights

- Eliminates the need for housing
- Manually switch to chose desired Color Temperature and Lumen Output
- IC Airtight for use with direct contact to insulation
- 0-10V/Triac/ELV Dimmable
- 120/277V Driver
- 90+ CRI for extremely accurate color rendering
- Includes driver and Jbox
- CA Title 24, ETL listed, ENERGY STAR, JA8-2016-E



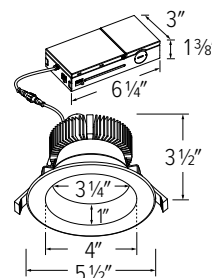
5-CCT Switch
2700K, 3000K, 3500K,
4000K, 5000K
Lumen Switch
1000 lm (12W)
1250 lm (15W)
1500 lm (18W)
1800 lm (22W)
2000 lm (25W)



4" 0-10V LED Reflector Downlight with 5-CCT & 5-Lumen Switch

- Manually switch to choose desired Color Temperature - 2700K, 3000K, 3500K, 4000K, 5000K - and Lumen Output - 1000 lm (12W), 1250 lm (15W), 1500 lm (18W), 1800 lm (22W), or 2000 lm (25W)
- Designed to fit in plenums as shallow as 3"
- New Construction application requires mounting plate or frame. Remodel application require no additional accessories

Input Power	12W - 25W
Lumens	1000 - 2000
Color Temp.	2700K - 5000K
CRI	90+
Input Volt	120/277V
Wet Location	UL listed
Dimmable	0-10V/Triac/ELV



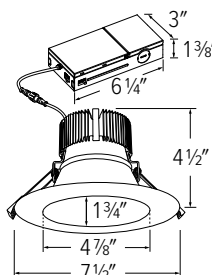
5-CCT Switch
2700K, 3000K, 3500K,
4000K, 5000K
Lumen Switch
1000 lm (12W)
1250 lm (16W)
1500 lm (19W)
2000 lm (25W)
2500 lm (32W)



6" 0-10V LED Reflector Downlight with 5-CCT & 5-Lumen Switch

- Manually switch to choose desired Color Temperature - 2700K, 3000K, 3500K, 4000K, 5000K - and Lumen Output - 1000 lm (12W), 1250 lm (16W), 1500 lm (19W), 2000 lm (25W), or 2500 lm (32W)
- New Construction application requires mounting plate or frame. Remodel application require no additional accessories

Input Power	12W - 32W
Lumens	1000 - 2500
Color Temp.	2700K - 5000K
CRI	90+
Input Volt	120/277V
Wet Location	UL listed
Dimmable	0-10V/Triac/ELV



0-10V LED Downlights with 5-CCT Switch

0-10V Dimmable LED Recessed Downlights

- Eliminates the need for housing
- Manually switch to chose desired Color Temperature
- IC Airtight for use with direct contact to insulation
- 0-10V/Triac/ELV Dimmable
- 120/277/347V Driver
- 90+ CRI for extremely accurate color rendering
- Includes driver and Jbox
- CA Title 24, ETL listed, ENERGY STAR, JA8-2016-E



5-CCT Switch
2700K, 3000K, 3500K,
4000K, 5000K

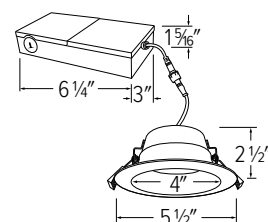


ERT495CT5DXW

4" 0-10V LED Reflector Downlight with 5-CCT Switch

- Designed to fit in plenums as shallow as 3"
- New Construction application requires mounting plate or frame. Remodel application require no additional accessories

Input Power	11W
Lumens	750
Color Temp.	2700K - 5000K
CRI	90+
Input Volt	120/277/347V
Wet Location	UL listed
Dimmable	0-10V/Triac/ELV



5-CCT Switch
2700K, 3000K, 3500K,
4000K, 5000K

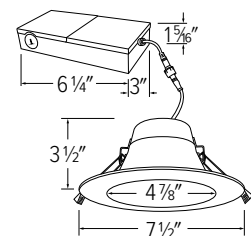


ERT695CT5DXW

6" 0-10V LED Reflector Downlight with 5-CCT Switch

- Designed to fit in plenums as shallow as 4"
- New Construction application requires mounting plate or frame. Remodel application require no additional accessories

Input Power	12W
Lumens	950
Color Temp.	2700K - 5000K
CRI	90+
Input Volt	120/277/347V
Wet Location	UL listed
Dimmable	0-10V/Triac/ELV



0-10V Ultra Slim LED Panel Lights with 5-CCT Switch

0-10V Dimmable LED Recessed Downlights

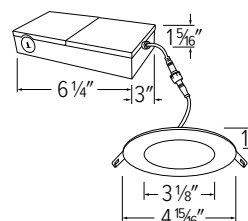
- Eliminates the need for housing
- Manually switch to chose desired Color Temperature
- IC Airtight for use with direct contact to insulation
- 0-10V/Triac/ELV Dimmable
- 120/277/347V Driver
- Includes driver and Jbox
- New Construction application requires mounting plate or frame.
- Remodel application required no additional accessories
- CA Title 24, ETL listed, ENERGY STAR, JA8-2016-E



4" 0-10V Ultra Slim LED Round Panel Light with 5-CCT Switch

- Designed to fit in plenums as shallow as 2"

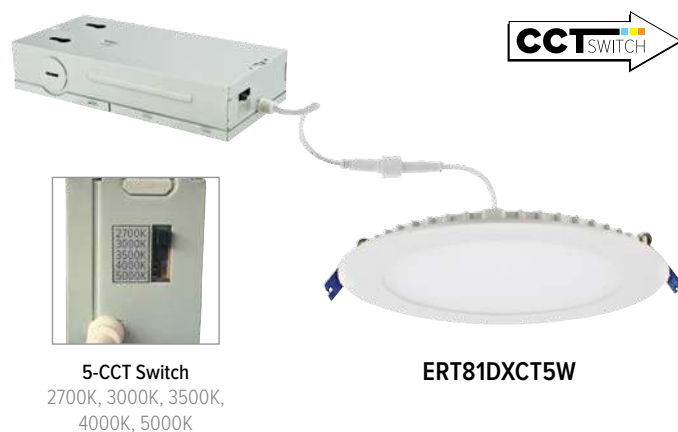
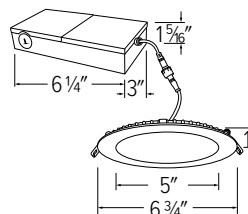
Input Power	12W
Lumens	750
Color Temp.	2700K - 5000K
CRI	90+
Input Volt	120/277/347V
Wet Location	UL listed
Dimmable	0-10V/Triac/ELV



6" 0-10V Ultra Slim LED Round Panel Light with 5-CCT Switch

- Designed to fit in plenums as shallow as 2"

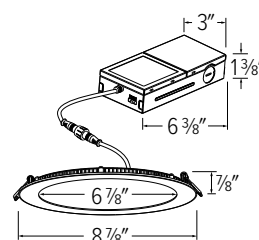
Input Power	15W
Lumens	950
Color Temp.	2700K - 5000K
CRI	90+
Input Volt	120/277/347V
Wet Location	UL listed
Dimmable	0-10V/Triac/ELV



8" 0-10V Ultra Slim LED Round Panel Light with 5-CCT Switch

- Designed to fit in plenums as shallow as 2"
- Not for use with E8LF1

Input Power	20W
Lumens	1200
Color Temp.	2700K - 5000K
CRI	90+
Input Volt	120/277/347V
Wet Location	UL listed
Dimmable	0-10V/Triac/ELV



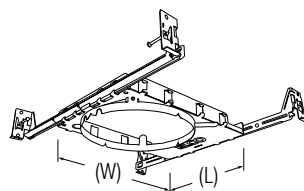
Mounting Frames & Plates for LED Panel Lights & Downlights



New Construction Frames with Hanger Bars

E4LF1 4" Round - 8 1/2" L x 6" W x 4 1/4" Opening

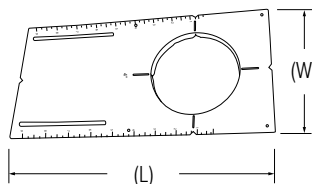
E6LF1 6" Round - 9" L x 6 3/4" W x 6 1/4" Opening



New Construction Mounting Plates

EMP4 4" Round - 13 1/4" L x 6 1/4" W x 4 3/8" Opening

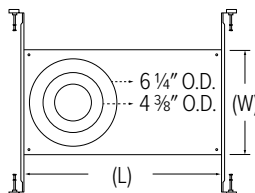
EMP6 6" Round - 17 1/4" L x 8 3/8" W x 6 1/4" Opening



New Construction Universal Frame with Hanger Bars

E246LF1 4" Round - 12 1/8" L x 7 5/8" W x 4 3/8" Opening

6" Round - 12 1/8" L x 7 5/8" W x 6 1/4" Opening



Zinnia™ 0-10V LED Undercabinet Bar

0-10V Dimmable LED Undercabinet Bar

- 0-10V Dimmable
- 120/277V Driver
- 93+ CRI for extremely accurate color rendering
- CA Title 24, UL listed, ENERGY STAR, JA8-2016-E
- Life span of 50,000 hours L70
- Polycarbonate diffuser lens to eliminate LED pixelation
- 1" H x 3 1/2" W



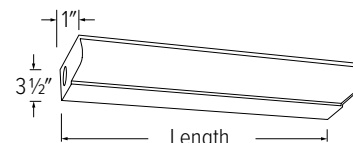
White



Bronze

Zinnia™ 0-10V LED Undercabinet Bar

Input Power	5W - 20W
Lumens	450 - 1800
Color Temp.	3000K
CRI	93+
Input Volt	120/277V
Damp Location	UL listed
Dimmable	0-10V



Item	Length	Color	Watt	Lm	CCT	Volt
EUM41DXW	12 1/4"	White	5W	450	3000K	120V
EUM42DXW	21"	White	9W	800	3000K	120V
EUM43DXW	24 1/4"	White	10W	900	3000K	120V
EUM44DXW	33 1/4"	White	15W	1350	3000K	120V
EUM45DXW	42 1/4"	White	20W	1800	3000K	120V
EUM41DXBZ	12 1/4"	Bronze	5W	450	3000K	120V
EUM42DXBZ	21"	Bronze	9W	800	3000K	120V
EUM43DXBZ	24 1/4"	Bronze	10W	900	3000K	120V
EUM44DXBZ	33 1/4"	Bronze	15W	1350	3000K	120V
EUM45DXBZ	42 1/4"	Bronze	20W	1800	3000K	120V
EUM41DXW-7	12 1/4"	White	5W	450	3000K	277V
EUM42DXW-7	21"	White	9W	800	3000K	277V
EUM43DXW-7	24 1/4"	White	10W	900	3000K	277V
EUM44DXW-7	33 1/4"	White	15W	1350	3000K	277V
EUM45DXW-7	42 1/4"	White	20W	1800	3000K	277V
EUM41DXBZ-7	12 1/4"	Bronze	5W	450	3000K	277V
EUM42DXBZ-7	21"	Bronze	9W	800	3000K	277V
EUM43DXBZ-7	24 1/4"	Bronze	10W	900	3000K	277V
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