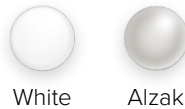


PROJECT: TYPE:

LOCATION: CAT:



Description

Versatile and affordable high-performance LED remodel downlight that includes a remote driver housed in an attached junction box and spring loaded mounting clips for ease of installation

Features

- Each fixture includes a remote driver housed in an attached junction box with two knockouts
- No recessed housing/can required; Fixture utilizes spring-loaded mounting clips for ease of installation
- Rough-in plates available for new construction
- Metal core PCB with enhanced aluminum heat sink
- Stamped aluminum trims with durable baked enamel finish
- Deep regression for more evenly distributed light (low-glare)
- Frosted polycarbonate lens diffuses light
- cETLus Listed for Type IC and wet locations

Mounting

Remodel: Spring loaded mounting clips for direct installation

Applications

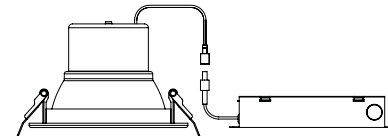
General Lighting LED Remodel;
Rough-in plates available for new construction (sold separately)

Technical Information



Size	4"	4"
Voltage	120V AC, 50/60Hz	120-277V AC
Finish	White	Alzak
CCT	3000K	4000K
Series	EM4-30-WH	EM4-40-AZ
Lumens	650Lm	700Lm
Wattage	9W	8.5W
CRI	92+	
Inset	Smooth	
Beam Angle	40°	37°
Dimming	10-100% (TRIAC, CL, ELV)	0-10V (120-277V)
Operating Temp.	-13°F to 104°F (-25°C to 40°C)	
Rating	Energy Star; cETLus Listed; Type IC; Wet location	
Rated Life	50,000 Hours	

Dimensions



EM4

- Trim Dia: 5.7" (145mm)
- Inner Trim Dia: 4" (104mm)
- Regression to lens: 1.85" (47mm)
- Lens Width: 2.6" (67mm)
- Overall Depth: 3.93" (100mm)
- Cut out Dia: 5" (127mm)

Junction Box

- Length: 5.94" (151mm)
- Width: 1.71" (43.5mm)
- Height: 1.14" (29mm)
- (1) 0.875" Knockout
- Wire compartment (40mm x 40mm)

Ordering Information

120V AC 60Hz EM Remodel

PRODUCT: **EM4** — CCT: **30** — FINISH: **WH**
EM4 = 4" Remodel Downlight 30 = 3000K WH = White

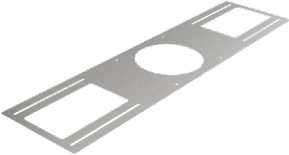
120-277V AC EM Remodel

PRODUCT: **EM4** — CCT: **40** — FINISH: **AZ**
EM4 = 4" Remodel Downlight 40 = 4000K AZ = Alzak

EM Series Remodel Downlights Include:

(1) Epiq Mag Remodel Downlight with remote driver + attached junction box and spring loaded mounting clips

Accessories

Image	Part Number	Description
	RP-EM4	4" Epiq-Mag Aluminum rough-in plate for new construction; 26"L x 7-1/2"W with 5-1/8"Dia. cut-out

Compatible Dimmers

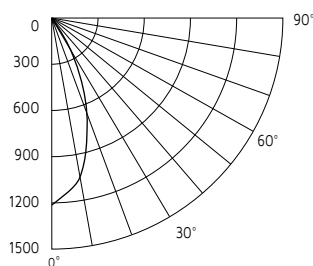
Brand	Model #	Type	Dimming Range	Notes
Lutron® Diva	DVCL-153P	Universal (CFL/LED/Incandescent)	10-100%	For 120V AC dimming operation
Lutron® Toggler	TGCL-153PH	Universal (CFL/LED/Incandescent)	10-100%	For 120V AC dimming operation
Lutron® Skylark	SELV-300P	Electronic Low-Voltage (ELV)	10-100%	For 120V AC dimming operation
Lutron® Diva	DV-600P	Incandescent	10-100%	For 120V AC dimming operation
Leviton® Sureslide	6674	Universal (CFL/LED/Incandescent)	10-100%	For 120V AC dimming operation
Lutron® Diva	DVSTV	0-10V	10-100%	For 0-10V dimming (120-277V) only
Leviton®	IP710-DLZ	0-10V	10-100%	For 0-10V dimming (120-277V) only
Arrow/Hart®	DF10P-C4	0-10V	10-100%	For 0-10V dimming (120-277V) only

Minimum loads may apply. Dimmer performance may vary in field application due to unknown external factors. Dimmers not included on the chart above are not necessarily incompatible; they have yet to be fully evaluated. Please reference dimmer manufacturer's instructions for more detailed information regarding performance and compatibility.

Photometrics

PHOTOMETRIC DATA

Photometric Diagram



EM4-30-WH Summary

Test voltage:	120.05V
Luminous flux:	660.1Lm
Input power:	8.95W
Luminous efficacy:	73.76
Power factor:	0.918
Maximum intensity:	1206.7cd
Beam angle:	40.7°
Spacing criteria:	0.66

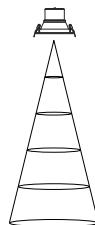
Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30°	518.4	78.5
0-40°	591.0	89.5
0-60°	625.4	94.7
0-90°	660.1	100.0
90-180°	0	0.0
0-180°	660.1	100.0

Candela Distribution

Angle	Average Candelas
0°	1199
10°	975
20°	614
30°	204
40°	27
50°	20
60°	17
70°	14
80°	11
90°	0

Initial Footcandles

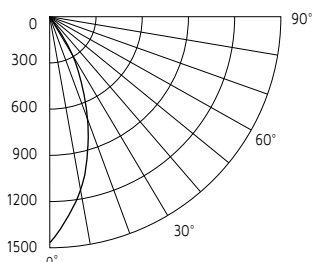


Distance to Illuminated Plane	Footcandles (at beam center)	Beam Diameter (feet)
4 feet	75.4	3.0
6 feet	33.5	4.5
8 feet	18.9	5.9
10 feet	12.1	7.4
12 feet	8.4	8.9

Photometrics Continued...

PHOTOMETRIC DATA

Photometric Diagram



EM4-40-AZ Summary

Test voltage:	120.06V
Luminous flux:	704.3Lm
Input power:	8.33W
Luminous efficacy:	84.55
Power factor:	0.988
Maximum intensity:	1426.8cd
Beam angle:	37.4°
Spacing criteria:	0.70

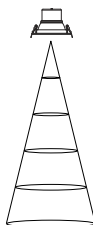
Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30°	575.8	81.8
0-40°	660.8	93.8
0-60°	683.6	97.1
0-90°	704.3	100.0
90-180°	0	0.0
0-180°	704.3	100.0

Candela Distribution

Angle	Average Candelas
0°	1421
10°	1073
20°	662
30°	248
40°	22
50°	12
60°	9
70°	8
80°	7
90°	0

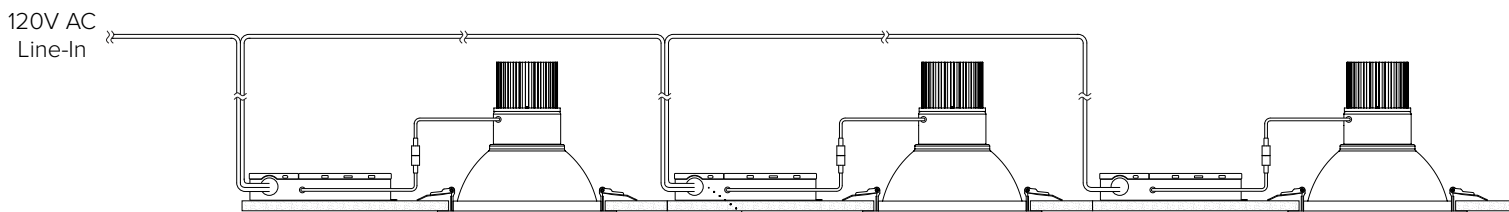
Initial Footcandles



Distance to Illuminated Plane	Footcandles (at beam center)	Beam Diameter (feet)
4 feet	89.2	2.7
6 feet	39.6	4.1
8 feet	22.3	5.4
10 feet	14.3	6.8
12 feet	9.9	8.1

Additional Information

Model	Cut-out Size	Minimum Height Requirement	Location
EM4	5" (127mm)	4-15/16"	Indoor/Outdoor Dry, damp, or wet location



Each fixture includes a remote driver housed in an attached junction box with two knockouts (each driver is rated for use with the fixture it was included with)

NOTES
