



PROJECT:	TYPE:
LOCATION:	CAT:



Alzak

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

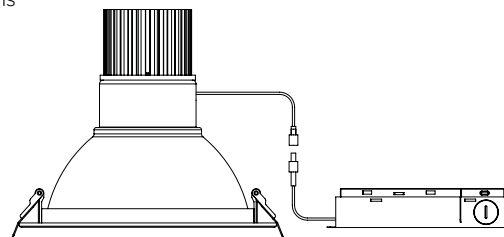
General Lighting LED Remodel;
Rough-in plates available for new construction (sold separately)

Technical Information



Size	8"
Voltage	120-277V AC
Finish	Alzak
CCT	4000K
Series	EM8-40-AZ
Lumens	3300Lm
Wattage	42W
CRI	91+
Inset	Smooth
Beam Angle	27°
Dimming	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



EM8

Junction Box

Trim Dia:	9" (228mm)	Length:	7.37" (187mm)
Inner Trim Dia:	7.25" (184mm)	Width:	3.41" (86mm)
Regression to lens:	3.3" (87mm)	Height:	1.37" (35mm)
Lens Width:	3.38" (86mm)		(4) 0.875" Knockout
Overall Depth:	8" (203mm)	Wire compartment	
Cut out Dia:	8.5" (215.9mm)		(58.5mm x 82mm)

Ordering Information

120-277V AC
EM Remodel



PRODUCT	CCT	FINISH
EM8	40	AZ
EM8 = 8" Remodel Downlight	40 = 4000K	AZ = Alzak

EM Series Remodel Downlights Include:

- (1) Epiq Mag Remodel Downlight with attached spring loaded mounting clips
- (1) Remote driver housed in attached junction box



Accessories

Image	Part Number	Description
	RP-EM8	8" Epiq-Mag Aluminum rough-in plate for new construction; 15-13/16"L (26-3/4" adjustable hanger bars) x 9.-3/4"W with 8-1/2"Dia. cut-out diameter
	EM8-RING	8"-10" extender ring for Epiq Mag EM8 downlights; 8.25" inner diameter with 11" outer diameter

Compatible Dimmers

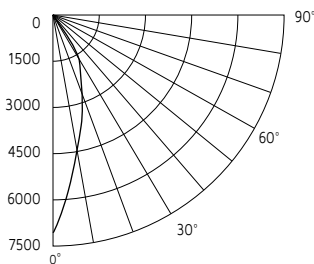
Brand	Model #	Type	Dimming Range	Notes
Lutron® Diva	DVSTV	0-10V	10-100%	For 0-10V dimming (120-277V) only
Leviton®	IP710-DLZ	0-10V	10-100%	For 0-10V dimming (120-277V) only
Arrow/Hart®	DF10P-C4	0-10V	10-100%	For 0-10V dimming (120-277V) only

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



EM8-40-AZ Summary

Test voltage:	120.06V
Luminous flux:	3310.8Lm
Input power:	41.65W
Luminous efficacy:	79.49
Power factor:	0.992
Maximum intensity:	7315.6cd
Beam angle:	30.85°
Spacing criteria:	3.31

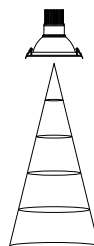
Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30°	2545.2	76.9
0-40°	3063.2	92.5
0-60°	3188.7	96.3
0-90°	3310.8	100.0
90-180°	0	0.0
0-180°	3310.8	100.0

Candela Distribution

Angle	Average Candelas
0°	7161
5°	5833
15°	3647
25°	2170
35°	818
45°	88
55°	56
65°	46
75°	43
85°	37

Initial Footcandles

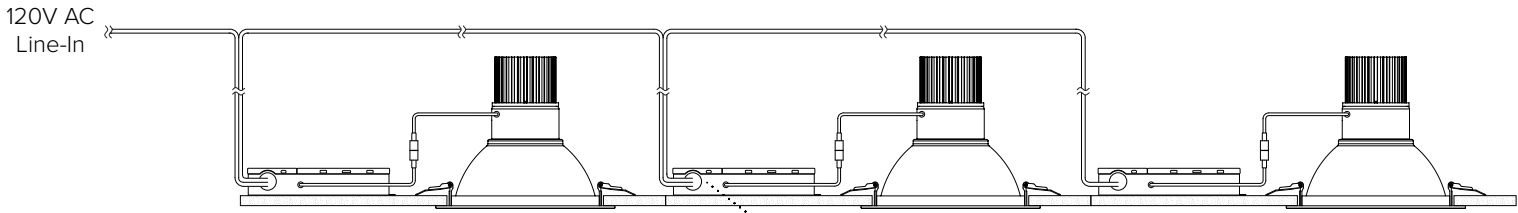


Distance to Illuminated Plane	Footcandles (at beam center)	Beam Diameter (feet)
8 feet	114.3	4.4
10 feet	73.2	5.5
12 feet	50.8	6.6
14 feet	37.3	7.7
16 feet	28.6	8.8



Additional Information

Model	Cut-out Size	Minimum Height Requirement	Location
EM8	8.5" (215.9mm)	8"	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
