



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**

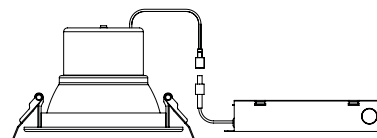
General Lighting LED Remodel;  
Rough-in plates available for new construction (sold separately)

## Technical Information



Size	4"
Voltage	120-277V AC
Finish	Alzak
CCT	4000K
Series	EM4-40-AZ
Lumens	700Lm
Wattage	8.5W
CRI	92+
Inset	Smooth
Beam Angle	37°
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

**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

120-277V AC  
EM Remodel

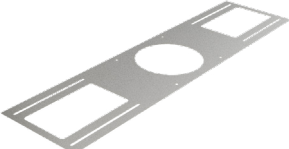
PRODUCT	CCT	FINISH
<b>EM4</b>	<b>40</b>	<b>AZ</b>
EM4 = 4" Remodel Downlight	40 = 4000K	AZ = Alzak

**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 Steel rough-in plate for new construction; 26"L x 7-1/2"W with 5-1/8" Dia. cut-out

## Compatible Dimmers

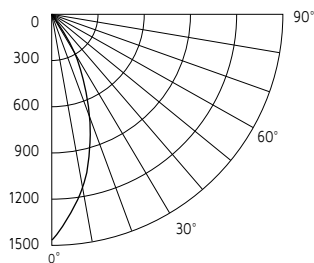
Brand	Model #	Type	Dimming Range	Notes
Lutron® Diva	DVCL-153P	Universal (CFL/LED/Incandescent)	10-100%	For 120V AC dimming operation
Lutron® Toggler	TGCL-153PH	Universal (CFL/LED/Incandescent)	10-100%	For 120V AC dimming operation
Lutron® Skylark	SELV-300P	Electronic Low-Voltage (ELV)	10-100%	For 120V 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



#### EM4-40-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

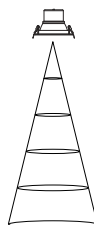
#### Zonal Lumen Summary

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

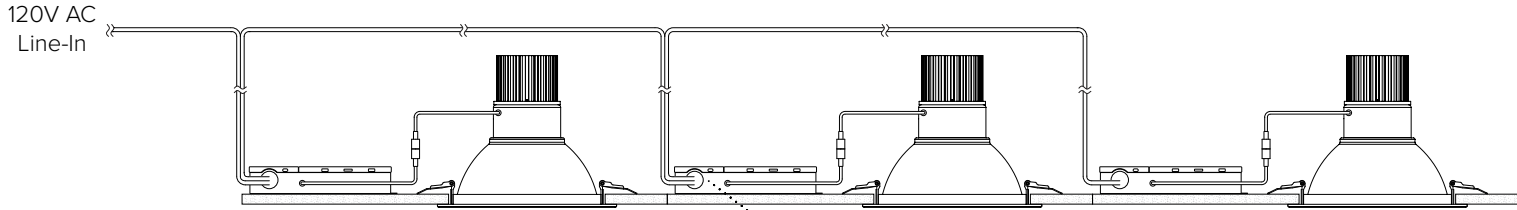


Distance to Illuminated Plane	Footcandles (at beam center)	Beam Diameter (feet)
4 feet	89.2	2.7
6 feet	39.6	4.1
8 feet	22.3	5.4
10 feet	14.3	6.8
12 feet	9.9	8.1



## 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

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