

# LED Roadway Lighting EG-ALEG

EG-ALEG Roadway Lighting provides a high quality lighting with significant savings of up to 70%. It has the highest luminous flux with efficiency of up to 148 LPW (lumen per watts). This product is green, slim, fully RoHS, self-driven with optional smart-street lighting control system and with built-in photo cell and dimmable options.



## Sleek Design

With one sleek design, it provides solution for all your requirements in public illumination, industrial illumination, and commercial illumination, simply by changing different mounting options such as tenon / slip fitter mount, direct arm mount & trunnion mount.

## Superior Performance

World class Bridgelux / Cree LED options with efficiency up to 148 lm/W. Match with high efficiency driver up to 94% pfc>0.9. Together with the special designed thermal management system, it has ingress protection rating for wet location.

## Reliable Quality Assurance

Aluminum housing and high heat conductive alloy modular bar in a special designed air flow thermal management system with built-in protection for short circuit/overload/ over voltage / over temperature. This product is backed by 7 year warranty.

## Specs

<b>Product Model:</b> EG - ALEG - XXXX	<b>Controls:</b> 0-10V dimming (10-100%)
<b>Input Freq.:</b> 50/60Hz	<b>Operating Temp.:</b> -20°C to 40°C
<b>Power Factor:</b> 0.9 min.	<b>Ingress Protection:</b> Wet location
<b>THD:</b> 20% max.	<b>L70 Life:</b> 50,000 hours
<b>System Efficacy:</b> 148LPW (typical) / 145LPW (typical)	<b>Warranty:</b> 5 years
<b>CRI:</b> 70 min.	<b>DLC:</b> Yes
<b>Color Temp.:</b> 5000K Premium, 4000K Optional	<b>ETL:</b> Yes
<b>Light distribution:</b> Type III and V	

## Ordering Information

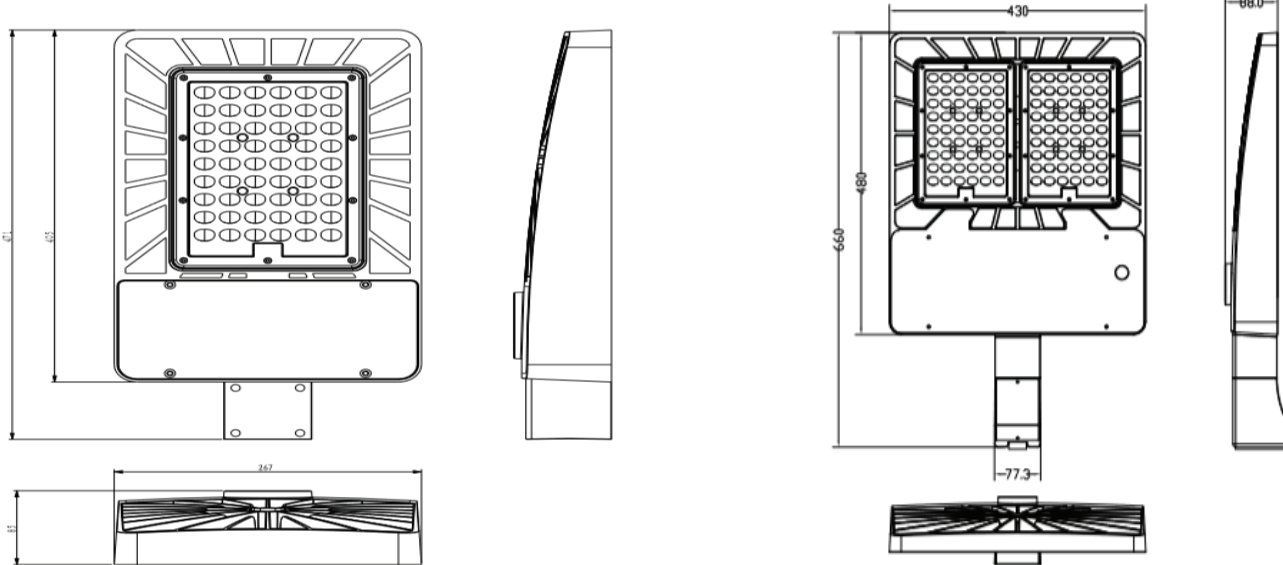
Example: EG- ALEG - 70 - HU - 40K - 10D

MODEL	RATED POWER	INPUT VOLT	CCT	CONTROLS	FACTORY INSTALLED	FIELD INSTALLED ACCESSORIES
EG-ALEG	70 - 70W 100 - 100W 150 - 150W 200 - 200W 240 - 240W 300 - 300W	HU - 120-277 HH - 200-480	40K - 4000K 50K - 5000K	10D - 0-10V Dim	Photo sensor	Adjustable Slip Fitter 6" Straight Arm Adjustable Trunnion Type III Lens, Type V Lens Receptacle 3 pin, Receptacle 5 pin Motion Sensor Microwave Surge Protector 20KA

## Model Specific Specs

MODEL	INPUT VOLTAGE	INPUT POWER	SYSTEM LUMENS	SYSTEM EFFICACY	LENGTH (L)	WIDTH (W)	HEIGHT (H)
EG-ALEG-70-HU	120-277VAC	70W	10 000lm	143LPW	18.5" (471 mm)	10.5" (267 mm)	3.3" (85 mm)
EG-ALEG-100-HU	120-277VAC	100W	14 500lm	145LPW	18.5" (471 mm)	10.5" (267 mm)	3.3" (85 mm)
EG-ALEG-150-HU	120-277VAC	150W	21 000lm	140LPW	18.5" (471 mm)	10.5" (267 mm)	3.3" (85 mm)
EG-ALEG-100-HH	200-480VAC	100W	13 191lm	136LPW	18.5" (471 mm)	10.5" (267 mm)	3.3" (85 mm)
EG-ALEG-150-HH	200-480VAC	150W	20 032lm	140LPW	18.5" (471 mm)	10.5" (267 mm)	3.3" (85 mm)
EG-ALEG-200-HU	120-277VAC	200W	28 800lm	144LPW	26" (660mm)	17" (430mm)	3.5" (88mm)
EG-ALEG-240-HU	120-277VAC	240W	34 800lm	145LPW	26" (660mm)	17" (430mm)	3.5" (88mm)
EG-ALEG-300-HU	120-277VAC	300W	44 000lm	146LPW	26" (660mm)	17" (430mm)	3.5" (88mm)
EG-ALEG-240-HH	200-480VAC	240W	32 663lm	143LPW	26" (660mm)	17" (430mm)	3.5" (88mm)
EG-ALEG-300-HH	200-480VAC	300W	39 569lm	135LPW	26" (660mm)	17" (430mm)	3.5" (88mm)

## Dimensional Drawing



### MODELS

EG-ALEG-70-HU / EG-ALEG-100-HU / EG-ALEG-150-HU /  
EG-ALEG-100-HH / EG-ALEG-150-HH

### MODELS

EG-ALEG-200-HU / EG-ALEG-240-HU / EG-ALEG-300-HU /  
EG-ALEG-240-HH / EG-ALEG-300-HH

## Mounting Information



Slip Fitter Mount



Direct Arm Mount



Trunnion Mount

## Accessories



Photo sensor receptacle

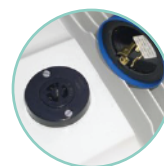


Photo sensor

## Certifications

