



DESCRIPTION & APPLICATIONS

The HLSTAL series is a multi-purpose light is classified for use in environments that require the following certifications:

- Class I, Division II: Groups A, B, C, D
- Class II, Division I: Groups E, F, G
- Class II, Division II: Groups E, F, G
- Class III

The fixture is designed to be used in locations where moisture, dirt, dust, corrosion and vibration may be present, or areas where wind, water, snow or high ambient can be expected.

Typical applications include solvent and cleaning areas, petrochemical facilities, marine facilities, waste treatment plants, and food processing applications.

Housing is copper free aluminum with clear lens, frosted lens optional. Fixture comes standard with bracket mounting, but can be light pole, slip fitted, trunnion, or arm mounted.

Electrical

Long-life LED system coupled with electronic driver delivers optimal performance. LED are 80+ CRI and come at either 4000K or 5000K. Projected L70 rated life is >150,000 hours. Standard electronic driver is 120-277VAC, 347-480VAC driver optional.

Listing/Certifications

NEMA 4X IP66
UL1598 / UL1598A / UL844
CSA C22.2 No.137 / No.250.0
UL1598A Marine and Wet Locations

Performance

The EPGJL luminaire offers up to 140 lumens per watt, THD <10%, PF>99. Dimming and 1.5-hour emergency battery are optional. LED modules and drivers are offered with a standard 5 year warranty based on performance under normal conditions. Consult warranty for details.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



SPECIFICATIONS

Construction: Marine grade, copper free cast aluminum housing

Finish: Aluminium

Lens: Tempered glass

Light Source: 100W/150W/200W/250W/300W
(140 lumens/watt)

Available Light Spreads: 40/60/90/120-degree

CRI: 80+

CCT: 2700K-7000K

L70: 150,000 hour rated life

Power Source: 120-277V, 50/60Hz, 347 & 480V
optional

Surge Protection: 10kV

Wiring: 3/4 inch NPT threaded openings

Ambient Operating Temperature:
-40°F to +130°F

Impact: High impact resistance

Maintenance: Replaceable LED board and drivers

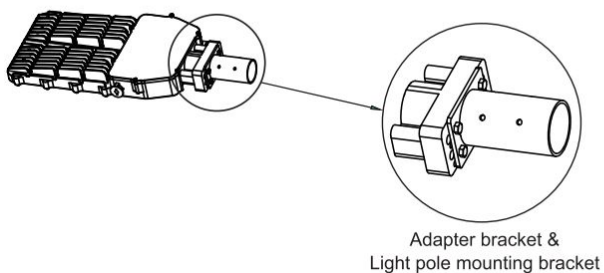
Components: Integrated compartment for driver

Optional Configurations: Dimming, emergency
battery, frosted lens

Additional Ratings: IP66 and IK10

MOUNTING OPTIONS

• Pole Mounting

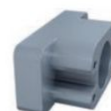
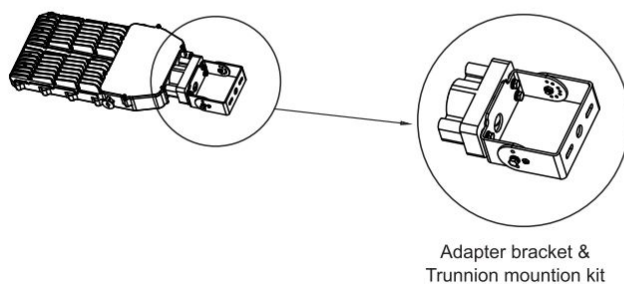


Adapter bracket



Light pole
mounting bracket

• Trunnion Mounting

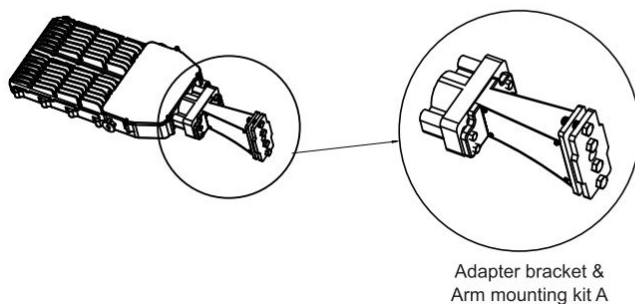


Adapter bracket



Trunnion mounting kit

• Arm Mounting (A)



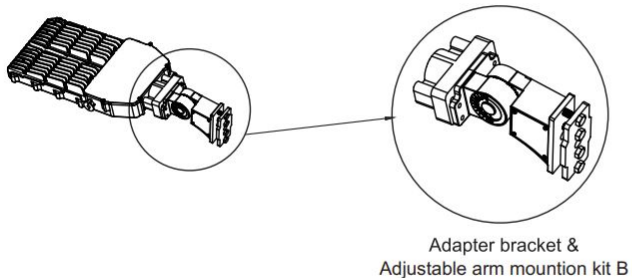
Adapter bracket



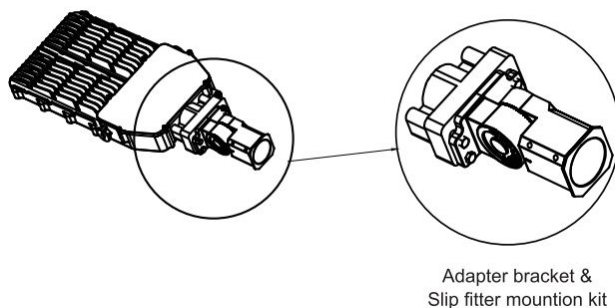
Arm mounting kit A

MOUNTING OPTIONS

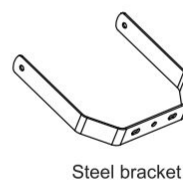
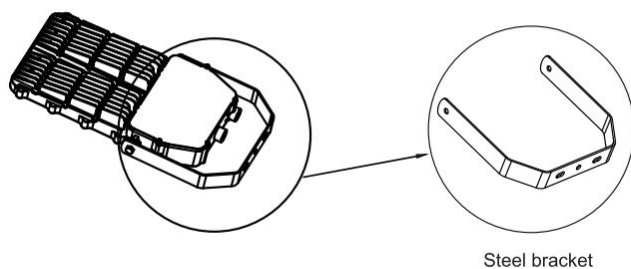
• Arm Mounting (B)



• Slip Fitter Mounting

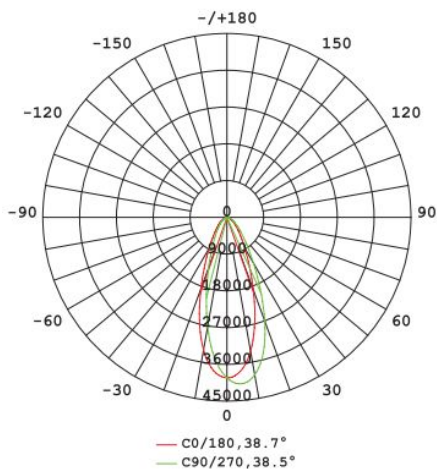


• Bracket Mounting

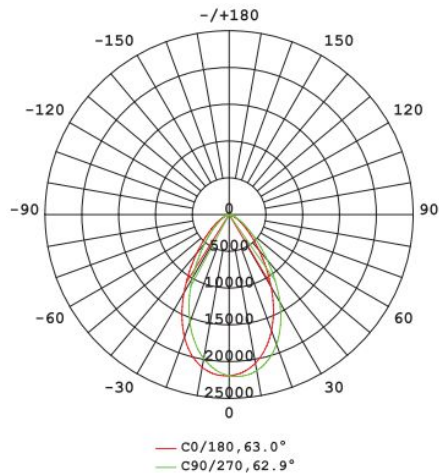


LIGHT DISTRIBUTION

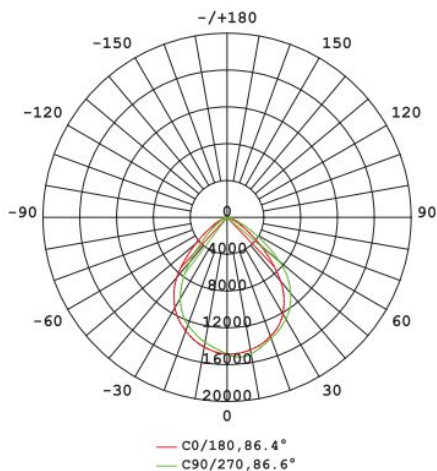
40-Degree



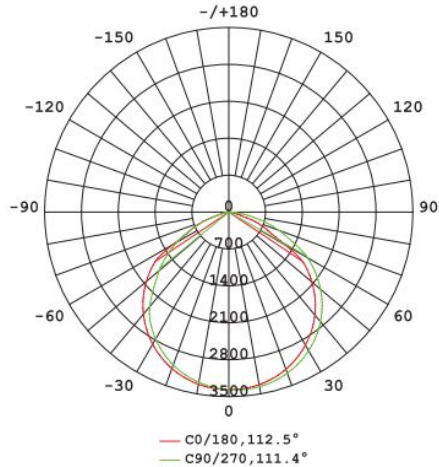
60-Degree



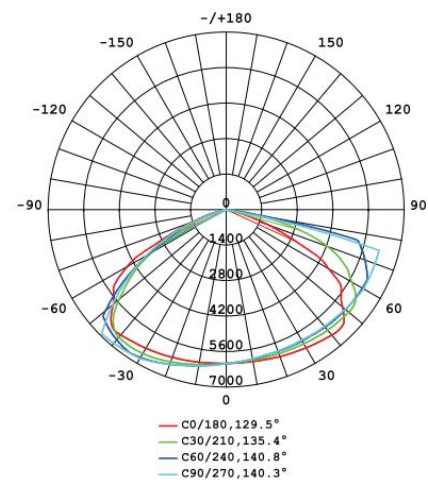
90-Degree



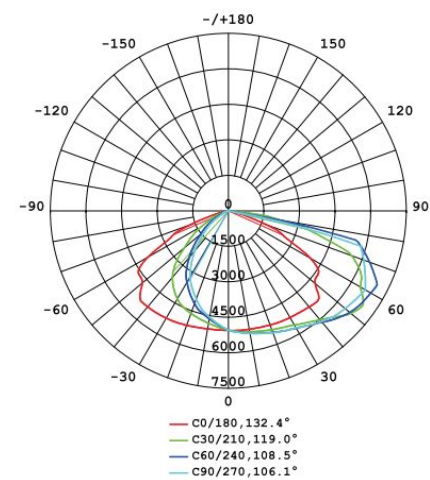
120-Degree



T-3

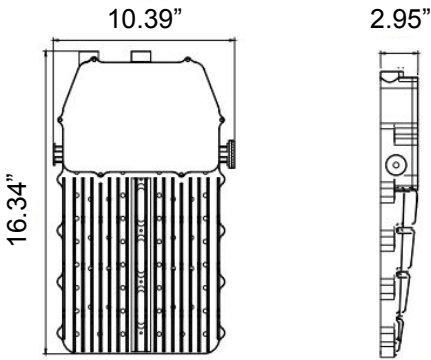


T-5

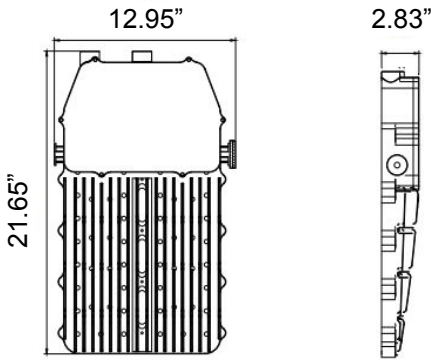


DIMENSIONS

100W & 150W



200W / 250W / 300W



MODEL CODE OPTIONS

HLSTAL					
Series	Wattage	Light Spread	Mounting	Options	Voltage
HLSTAL	100W	40	LP	EM	UNV
	150W	60	(light pole)*	(emergency battery)*	(120-277VAC)
	200W	90	T	D	480
	250W	120	(trunnion)*	(dimming)*	(347-480VAC)*
	300W	T3	ARMA		
		T5	(Arm A)*		
			ARMB		
			(Arm B)*		
			SF		
			(slip fitter)*		
			B		
			(bracket)		

**May come with an additional charge for specific equipment option. Please contact Truex Lighting or authorized manufacturer's sales representative for further pricing information.*