



CES-L Series

LED Explosion proof Street Light

CESP

hazardous locations



Exclusive Distributor by:

EGE TECHNOLOGY SDN BHD (201201031202)

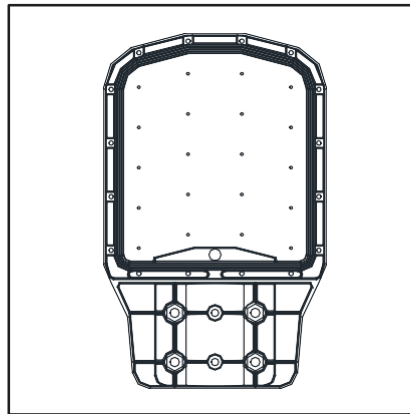
www.egetech.com.my



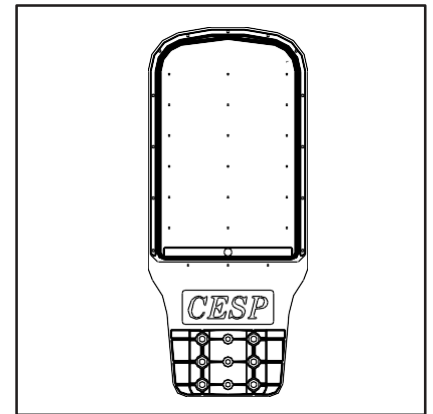
- Available from 20W (2, 300lm) -185W (21,275lm)
- Offered with 3 mounting options: U-bracket, wall mount, slipfitter mount
- Type II, III, IV, V and Forward Throw distributions
- 1-10V Dimming, available
- Motion sensor, photocell and Controller options available
- 100,000+Hours LED lifespan
- UL, CUL, DLC, PSE, SAA&C-TICK, CQC, CE, ROHS, IP67



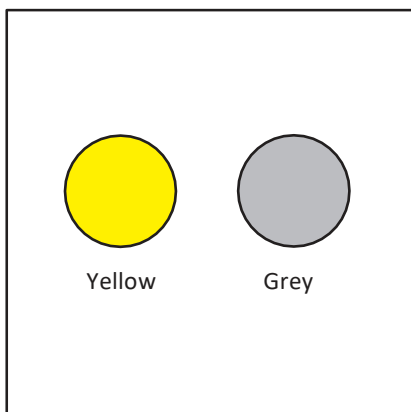
Offer several mounting options to support a variety of applications.



U-bracket show



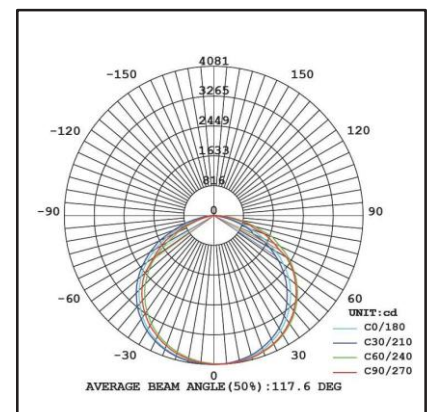
Ceiling mount with junction box



Yellow/grey available
(grey has no texture)



The CESP is a complete cutoff, fully shielded area light minimizes glare, while reducing light trespass.
(The maximum luminous beam angle 120°)



Specifications

UL:

Suitable for wet locations Operating temperature: -40°C to +55°C (-40°F to 131°F)

LEDs:

Long-life, high-efficiency, micro-power, surface mount LEDs

Drivers(s):

Class 2, 50/60Hz. 100 - 277V, 4kV standard, 6kV optional surge protection

Lifespan:

100,000+hour LED lifespan based on IES LM-80 results & TM-21 calculations at 25°C

IP Rating:

Ingress Protection rating of NEMA 4/4X (IP67) for dust and water

Housing:

Die-cast aluminum housing

Mounting:

U-Bracket, slip fitter or wall mount options available

Lens:

High transmittance tempered glass

Effective Projected Area:

EPA = 0.61

Vibration Rating:

3G vibration tested per ANSI C136.31

Dimming Driver:

Driver includes dimming control wiring for 1-10V dimming systems. Requires separate 1-10V DC dimming circuit. Dims as low as 10%.(Optional dimming and non-dimming)

CCT:

Available in 2700K ~ 5700K color temperature

CRI:

Minimum CRI of ≥ 75

Beam angle:

Standard distribution is NEMA high/low bay lights (Type6)

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5-years period

Color Uniformity:

CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Finish:

Formulated for high durability and long-lasting color

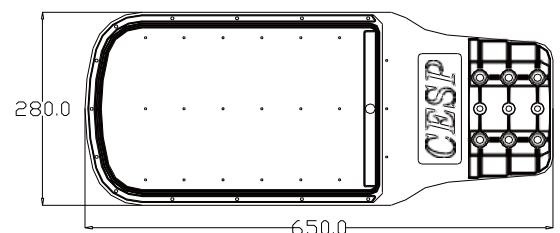
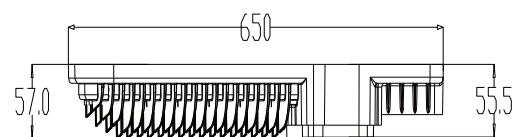
Green Technology:

Mercury and UV free. RoHS-compliant components

IESNA LM-79 Testing:

LED luminaires have been tested by an independent laboratory in accordance with IESNALM-79

Series Model	Product size
CES-L80	650*280*57mm(25.6*11*2.2")



80w

Performance and Packaging

Performance

ProductModel	CES-L80
Type	LED Explosion proof Street Light
Base	Top loading / WM - Wall Mount / PA - Universal Pole Mount
Power (W)	80
Voltage - Frequency	100-277Vac 50-60Hz
Color Temp	5000K (Provides 2700K to 5700K)
CRI (Ra) (typ.)	≥ 75
Luminous Flux (lm)	9200
Bare Lamp efficacy (LPW)	115
Beam Angle	120°
Power Factor	>0.98
Rated Lifetime - L70 (hrs.)	50,000
Dia. x MOL	650*280*57mm(25.6*11*2.2")
Housing	ADC12 Aluminum+Tempered glass

Packaging

Product Model	Product size(mm)	Carton Size	QTY/CTN	Net Weight	Gross Weight
CES-L80	650*280*57mm(25.6*11*2.2")	710*450*160mm(27.9*17.7*6.3")	1	10kg/22lbs	11kg/24.2lbs



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