

LED Streetlight EW-C0830

CALL
877-570-8689



Equivalence:

80W LED → 175W HPS
100W LED → 200W HPS
120W LED → 250W HPS

Unsurpassed Performance

NICHIA
High-Tech LED



EWC0830 LED streetlight series is designed for high luminous distribution and illuminance efficiency. With excellent heat dispersing performance, energy saving, reliability and modern style, the EWC0830 is the best choice for street lighting. Available in 80W, 100W and 120W.

- *Unique patented unit matrix for excellent heat dissipation.
- *High efficiency light device. Bright LED by **Nichia**. Wide lighting distribution area
- *Long life, high reliability, and low maintenance when compared to conventional light sources.
- *Aluminum shell casing, high ingress protection rating IP-66, resistant to extreme weather conditions.
- *Patented optic design assure luminous intensity distribution in both horizontal and vertical directions.
- *Free of mercury, environment-friendly, high energy-savings.
- *Remote control interface, dimmer control with 8 levels in the range of 0 - 100% (this function is optional)

Structure:

EWC0830 LED streetlights are composed of a bracket, shell casing, LED electronic components and power supply. Its strong and durable structure is made to withstand mechanical and heat stress. The electrical components are moisture resistant, non-detonative and fire retardant. The main optical, electrical and structural components of the EWC0830 are easy to replace. Reinitiating time is less than 0.1 seconds after a short interval of power off. The EWC0830 light head installation connector diameter is ϕ 60 mm, suitable for most all applications.

Light Bracket:

- I. The bracket and support allows quick and easy installation.
- II. Includes bolts and accessories all made of steel.
- III. The unit and accessories are all designed for outdoor exposure.
- IV. Optic performance and uniformity meet most lighting standards.

Certifications: ETL, CE

Photometric: Reports from third party independent laboratory and IES files are available.

Specification

Model :	120 W (120 x 1 W)
LED :	Nichia
LED Efficiency :	104 Lm / W
Luminaire Efficiency :	80 Lm / W
Color Temperature :	4500 K ~ 5500 K
Kaufman :	70
Lighting Angle:	Horizontal 120° Vertical 70°
Input Power:	AC 95 ~ 265 V, 50 / 60 Hz
Power Factor :	> 0.9
Initiating time :	< 0,1 seconds
LED life time:	50,000 hrs (70% of lumens maintenance)
Dimmer control :	0 ~ 100% , 8 levels (optional)
Device weight:	11.5 Kg
Operating temperature:	-30°C ~ 55° C
Humidity range:	10% ~ 98 %
Ingress Protection rating:	IP 66
Wind resistance :	36 m / sec

