



EXTRA-BUILT (M) SDN BHD
Innovative & Intelligent Efforts



LED STREET LIGHT

J-SERIES DRAGON HEAD (R) JDR

The Extra-Built LED Streetlight is optimized a basic LED solution for local and international application roadways. The design incorporates options for the heat sink directly into the unit or for heat transfer to prolong LED life. This solution lowers energy consumption compared to conventional HPSV or HID fixture for additional for operating cost savings and reflex fast return on investment.

Designed to meet recommended luminance and illuminance requirement for local and all street lighting specifications.



Enquiry:

Email: sales@extrabuilt.com (03-5525 2907)

J-Series Dragon Head (R)

Lighting Specification

Wattage (W)	Luminous Flux 124lm/W		CRI
	CCT 3000K	CCT 4000K	
90	11,160lm	12,060lm	Ra ≥ 70
120	14,880lm	16,080lm	
150	18,600lm	20,100lm	
180	22,320lm	24,120lm	
220	27,280lm	29,480lm	
250	31,000lm	33,500lm	

Other Specification

Housing & Casing	Aluminium Die-casting with Aluminium 6063 T5 Extruded
Lens	Optical Grade PC
Ingress Protection	IP66
Light Output	Min of 50,000 hours at L80 (80% lumen maintenance)
Input Power Rating	220V-240V @ 50-60Hz
Power Factor	>0.95
Operating Temperature	-40° Celsius to +50° Celsius

Certification and Testing

Luminaire Certification	SIRIM QAS INTERNATIONAL, J-MAL JKR, DEKRA, TUV, VDE IECEE / CB SCHEME- Inclusive of National differences for Saudi Arabia (SASO), European group differences and National differences.
Luminaire Test Report	IEC/EN 60598-2-3:2002, IEC/EN 60598-1 : 2008, MS IEC 60598-1:2012, MS IEC 60598-2-3:2006, IES LM79-08, IEC62722-1:2014, IEC62722-2-1:2014, IEC/EN62471:2006, IEC62493:2009
Components Certification	IEC 61347-2-13:2006 : Driver (DEKRA) IEC 61347-1:2007+A1:2010+A2:2012 IEC 62031/A1:2012 : LED Module (DEKRA) IEC 62717:2014 : LED Module Performance IEC 62717:2014/AMD1:2015 IEC 50525 : Multi Connector cable (VDE) IEC 61984:2008 : Connector (VDE) LM 80-08 : LED (DEKRA) IEC 61643 : SPD

Accessories




Dimension



Wattage ± 10%	Width	Length	Height	Weight
90W	366mm	669mm	214mm +60mm (NEMA)	9.8Kg
120W		735mm		11.5Kg
150W		742mm		12.0Kg
180W		816mm		13.5Kg
220W		889mm		15.8Kg
250W		963mm		16.5Kg

Nema Receptacles Socket

Model	7 Wires 7 Pin ANSI C136.41 Photocontrol Receptacle
Housing	PP/PC
Voltage Applicable	480VAC Max
Rated Load (A)	15A/5A
Lead Wire	14AWG/ 18AWG
Signal Wire	18AWG
Certification	UL773, CE



NEMA RECEPTACLE SOCKET WITH COVER