

Led Street Light

MODEL		G3-80WSL-NL	G3-120WSL-NL	G3-200WSL-NL
PRODUCT PHOTO		 (System Power 80Watt) HPSV 150W	 (System Power 120Watt) HPSV 250W	 (System Power 200Watt) HPSV 400W
Phy..sical Properties	Weight (Kg)	6	9	11.5
	DIMENSION (Mm)	90(H) X 316(W) X 559(L)	90(H) X 316(W) X 706(L)	90(H) X 316(W) X 853
	BODY MATERIAL	ALUMINIUM ALLOY (ADC123)		
	LENSE MATERIAL	POLYCARBONATE		
	IP RATING	IP66 (Tested by SIRIM)		
	SCREWS & NUTS	STAINLESS STEEL		
	GASKETS	HIGH GRADE SILICONE		
	BODY COATING	WEATHER RESISTANT EPOXY POWDER COATING		
OPERATING CONDITIONS	TEMPERATURE	-20°C TO 50°C		
	HUMIDITY	10% TO 90% RH		
	INPUT VOLTAGE	90VAC TO 305VAC		
	INPUT FREQUENCY	47Hz TO 63Hz		
	WIND RESISTANCE	UP TO 150km/Hr		
	No of LED Module	1	2	3
	SYSTEM POWER	80Watt	120Watt	200Watt
POWER FACTOR	>0.9	>0.9	>0.9	
DRIVER SPECIFICATIONS	MAKER	INVENTRONICS (US TECH)		
	INPUT VOLTAGE	90VAC TO 305VAC		
	OUTPUT VOLTAGE	6VDC TO 24VDC		
	DRIVER CURRENT	375mA to 500mA		
	SURGE PROTECTION	3kV (DRIVER - BUILT IN)		
LED SPECIFICATIONS	MAKER	Nichea (Japan)		
	MODEL / TYPE	Equivalent		
	MIN LED EFFICACY	130 lm/WaV (minimum)		
	COLOUR TEMP	Warm White:3,000K TO 3,500K		
	CRI	>70		
	LANTERN FLUX	Min 8,000lm	Min 13,000lm	Min 24,000lm
	LIGHT DIST. TYPE	BAT WING		
	LED Life Span	>50000 Hours		
Remark	1. ALL SYSTEM COMES WITH additional SURGE PROTECTOR 20KA AT AC INPUT INSIDE DRIVER COMPARTMENT			

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Led / Lantern Certifications & Qualifications	MS IEC 60598-1		
	MS IEC 60598-2-3		
	LM-79		
	LM-80		
	IP66		
	JKR APPROVAL - EMAL EE0022009.M433.A369		
	BS EN 60598-2-3 AERODYNAMIC TESTING - UTM CERAL/RPT/11/010 PHOTOMETRIC		
Driver Certifications & Qualifications	INVENTRONICS		
	EN61347-2-13 (FOR LAMP CONTROL GEAR)		
	UL8750		
	IEC61000-4-2,-3,-4,-5,-6,-8,-11		
	IEC61000-3-2 CLASS C HARMONICS		
	EN55015		
	EN55022		
ENEC & CE MARKED SUITABLE FOR WORLDWIDE INSTALLATION >0.9			

LUMINOUS INTENSITY DISTRIBUTION CURVE: Beam Angle 150 deg

