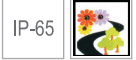


APPLICATIONS



LAMP SUITABILITY



DIMENSIONS

Luminaire

Max. Length. 300mm	Max. Width. 120mm	Max. Depth. 70mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS
NL-SLT-SLR-14W	12 Nos 1Watts LED-CW	60d / 90d
COLUMN CODE	HEIGHT	
C3-B12-P3114-SOLAR	3000mm	

MOUNTING SUITABILITY

ON PCC BASE

DESCRIPTION

'NOVA' LUMINAIRE

Die Cast Alumium body. Heat resistant toughened glass diffuser, mounted on endless silicone rubber gasket with allen head screws of marine grade SS. Mounting socket of inner dia 60 mm with allen head screws. 50,000-80,000 burning hours Ambient operating Temperature: -30 + 50 C Power Factor : 0.95 to 0.98 LED luminous efficacy of 100 - 140lm/w. Rendering temperature characteristics: 5000-8300K(day light temperature). Humidity : 0-100% Surge Protection, Heat Sink, Built in power factor correction, over voltage, short circuit, over temperature and current protection with automatic over temperature shut down control and internal power correction, IP-65 protection. Distribution Optimum : 60Deg across, 90Deg along road. Other distribution designs on request.

SOLAR CHARGER CONTROLLER

Battery State-of-Charge display LED Charge and discharge status display Load status indication Boost/absorption/float PWM-regulation. Programmable Time / Twilight based auto switching. Optional dimming. Integrated temperature compensation Covered terminals Full solid-state protection.

SOLAR PANEL

Nominal Power Pmax (W)	45Wp
Voltage at maximum Power - Vmp (V)	17.0 DC
Current at maximum Power - Imp (A)	2.65
Open circuit Voltage - Voc (V)	21.4
Short Circuit Current - Isc (A)	2.95
Maximum System Voltage	600 VDC
Maximum Series Fuse Rating	10 A
Temperature Coefficient Pmax	-0.43 % /°C
Temperature Coefficient - Voc	-0.35 % /°C
Temperature Coefficient - Isc	0.05 % /°C
Solar Cells per Modules - Unit	36 (9x4 Matrix)
Solar Cell Size and Type-multi-crystalline	156x156 mm
Dimensions:	665x545x34mm

NOTE

Luminaire with Solar accessories are offered SEPARATLY as well as with coordinated decorative column. Please specify your requirement

ST-06

NOVA-LEDs
Energreen Lighting