



Luna

Luna 40W Sensor LED street light for public areas

The Kosnic LED Street Lights offer huge energy savings, efficiency and high performance, replacing conventional lighting for roadways, passages, parks, courtyards and similar applications. The LED Street Lights have optional photocells and are designed for the challenges of the environment with a waterproof rating of IP67 and a robust construction with an IK10 rating.

KSTL40LH1/S-W50-WHT ()

Specification

Voltage	100-240Vac 50-60Hz
Current (mA)	183
Rated Power (W)	40
CCT Words	Day Light
CCT (K)	5000
Total Luminous Flux (lm)	5000
Beam Angle(°)	Axial 175 ° / Transverse 85°
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	72000
L80B10 Lifetime (h)	72000
L90 Lifetime (h)	36000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Power Factor	0.95
Ambient Temperature Range (°C)	-40 to 50
Weight (kg)	1.9
In-rush current (peak/duration) (A)	40A /400us
Protection Rating	Class I
IK Rating	IK10
IP Rating	IP67

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	Wires
Mains / Non-Mains (MLS/NMLS)	NMLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N

Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	35
Energy Efficiency Class	E
Useful Luminous Flux (lm)	5000
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	5000
On-Mode Power (Pon) (W)	35
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	72
CRI (min)	70
CRI (max)	74
Height (mm)	90
Width (mm)	415
Depth (mm)	125
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.339
Chromaticity Co-Ordinates (Y)	0.338
Peak Luminous Intensity (DLS) (cd)	N/A
Beam Angle (DLS)	N/A
Beam Angle (min)(DLS)	N/A
Beam Angle (max) (DLS)	N/A
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	N/A
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	N/A
LED light source replaces fluorescent without integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N/A
Replacement W Claim (Mains LED/OLED) (W)	N/A

Flicker metric (pst LM) (x,x)	N/A
Stroboscopic effect metric (SVM) (x,x)	N/A
Light Source Supply	47Vdc 750mA

Technical Drawings

