



## Polo

### **Polo 12W Twist & Lock IP65 bulkhead with integrated LED tray & built-in emergency module**

The Kosnic Polo Integrated LED Bulkhead comes with built-in LED modules with a design that offers selectable 3000K, 4000K or 5000K CCT options. The bulkhead is IP65 rated and IK10 vandal resistant. There are options of manual (built-in) or self-test (optional) emergency modules and a microwave sensor. Altogether the bulkhead offers a simple and elegant solution to lighting in corridors, staircases, thoroughfares and other areas where a practical lighting solution is required.

**POL12-SCT/E (06646)**

## Specification

Voltage (eg 220-240 Vac 50/60Hz)	220-240Vac 50/60Hz
Current (mA)	57
Rated Power (W)	12
CCT Words	Cool White (Warm White, Day Light)
CCT (K)	4000 (3000, 5000)
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	54000
L80B10 Lifetime (h)	54000
L90 Lifetime (h)	26000
Total Luminous Flux (lm)	1260 (1150, 1260)
Power Factor	0.92
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Dimensions L x W x D (mm)	95* $\phi$ 325mm
Weight (kg)	1.06
In-rush current (peak/duration) (A)	6.4 A / 1.2 us
Protection Rating	Class II
IK Rating	IK10
IP Rating	IP65
Ambient Temperature Range (°C)	-20 to 40
Emergency Luminous Flux (lm)	110
Depth (mm)	268

## 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)	MLS
Connected Light source (Y/N)	N

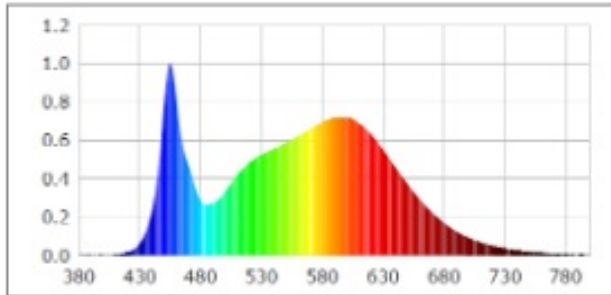
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	12
Energy Efficiency Class (NEW FORMULA)	E
Useful Luminous Flux (lm)	1600
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000
On-Mode Power (Pon) (W)	12
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	23
Width (mm)	268
Depth (mm)	268
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.38
Chromaticity Co-Ordinates (Y)	0.38
Peak Luminous Intensity (DLS) (cd)	N/A
Beam Angle (DLS)	N/A
Beam Angle (min)(DLS)	N/A
Beam Angle (max) (DLS)	N/A
R9 CRI (LED/OLED)	24
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	0.9

Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	6
LED light source replaces fluorescent without integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N
Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	0.1
Stroboscopic effect metric (SVM) (x,x)	0.1

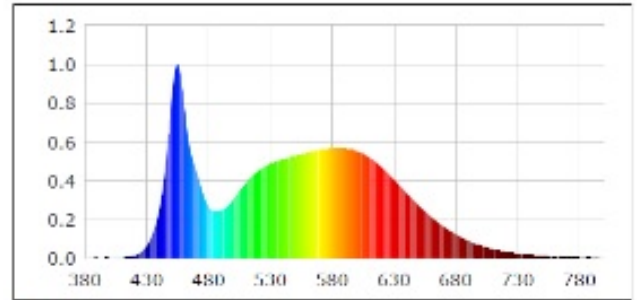
## Optional Gears and Accessories

Component 1	Motion Sensor KBTNLS1-MWS2
Component 2	Self-Test DD Emergency Module CEC02LBL/S
Component 3	LiFePO4 Battery KBAT2000LFP1
Component 4	Li-ion Battery KBAT2600LI1

## Technical Drawings



4000k



5000k

