# Datasheet

# Polo

## Polo 12W Twist & Lock IP65 bulkhead with integrated LED tray

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** (06645)




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## 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(℃) | 650 |
| Dimensions L x W x D (mm) | 95*φ325mm |
| Weight (kg) | 0.94 |
| 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 |




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|---|---|
| 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 | 0.95 |




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| | |
|---|---|
| Colour Consistency in Mcadam Ellipses (Mains LED/OLED) | 6 |
| LED light source replaces flourescent withouth 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 |
| Storboscopic 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 | Li-ion Battery KBAT2600LI1 |



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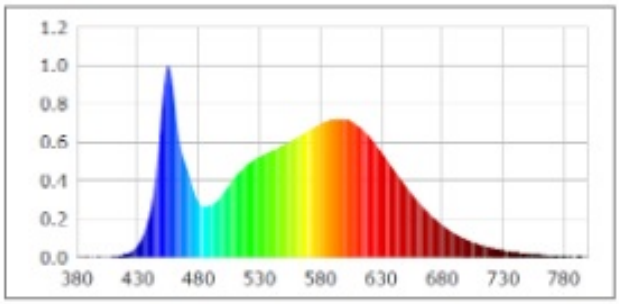
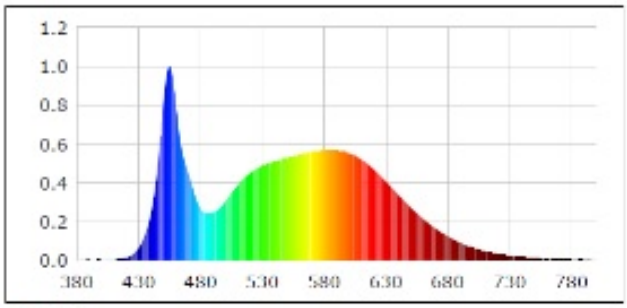
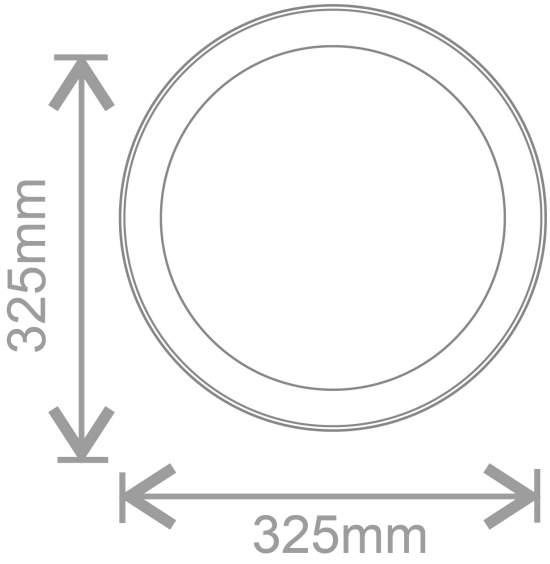
## Technical Drawings

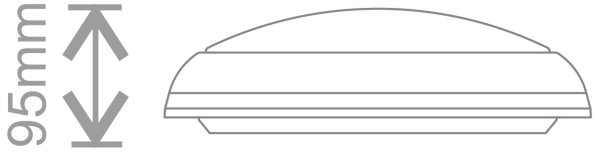



4000k




5000k

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