



Pico-i

Pico-i 18W Twist & lock fast-fit bulkhead with integrated LED

Kosnic Pico-i Integrated LED Bulkhead comes with built-in DoB (driver-on-board) LED modules. The bulkhead is IP44 rated when ceiling mounted and has a simple edge-less vacuum formed polycarbonate cover with high LOR. Optional plug-in emergency module or microwave sensor. Choice of decorative trims. The bulkhead offers a simple and elegant solution to lighting in corridors, staircases, thoroughfares and other areas where a practical lighting solution is required.

PIC18-W40 (Draft) (06293)

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	109
Rated Power (W)	18
CCT Words	Cool White
CCT (K)	4000
Total Luminous Flux (lm)	1600 (1200 with Trims)
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	54000
L80B10 Lifetime (h)	54000
L90 Lifetime (h)	29000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Power Factor	0.72
Dimensions L x W x D (mm)	110* ϕ 380 (110* ϕ 450 with Trim)
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	0.76
In-rush current (peak/duration) (A)	5 A / 960 us
Protection Rating	Class I
IK Rating	IK03
IP Rating	IP44(ceiling mounted)
Emergency Luminous Flux (lm)	110

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)	18
Energy Efficiency Class	E
Useful Luminous Flux (lm)	2000
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000
On-Mode Power (Pon) (W)	18
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	22
Width (mm)	354
Depth (mm)	354
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.376
Chromaticity Co-Ordinates (Y)	0.372
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)	10
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	0.99
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

Optional Gears 1 Emergency Module: EMDD02

Optional Gears 2 Self-Test Emergency Module: EMDD02/ST

Optional Gears 3 Battery: KBAT2000LFP1

Optional Gears 4 Battery: KBAT2600LI1

Optional Gears 5 Microwave Sensor: PIC-MWS

Accessories 1 Chrome Trim: PICT-CHM

Accessories 2 Brass Trim: PICT-BAS

Accessories 3 Satin Chrome Trim: PICT-SCH

Accessories 4 White Trim: PICT-WHT

Technical Drawings



