



Arno

Arno 18W Single output thin profile interior batten with integrated LED

The Kosnic Arno Slimline Integrated Battens utilize high performance LEDs to offer outstanding lumen efficiency within a very economic package. The battens are a low-profile design suitable for a wide range of general lighting applications from commercial premises to warehouses, factories and garages.

ARN4FS18-W40 (06248)

Specification

Voltage	220-240Vac 50-60Hz
Current (mA)	82
Rated Power (W)	18
CCT Words	Cool White
CCT (K)	4000
Total Luminous Flux (lm)	1980
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	60000
L80B10 Lifetime (h)	50000
L90 Lifetime (h)	40000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
SDCM of CCT	<6
Flicker %	<2
Power Factor	0.95
Dimensions (L x W x D) (mm)	1245 x 75 x 31
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	0.42
In-rush current (peak/duration) (A)	25A/110 µs
Protection Rating	Class II
IK Rating	IK04
IP Rating	IP20

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)	1980
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)	31
Width (mm)	75
Depth (mm)	1245
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.380
Chromaticity Co-Ordinates (Y)	0.375
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	0.95
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)	0.2
Storboscopic effect metric (SVM) (x,x)	0.1

Technical Drawings

