



Kennet

Kennet 5ft Interior surface mount slim profile batten

The Kosnic LED integrated battens utilise high performance LEDs to offer outstanding lumen efficiency. The battens have a switchable CCT (3000/4000/6000K) and are flicker-free so they are suitable for a wide range of applications including offices, corridors, warehouses, factories and garages. The product range also has the option for a plug & play emergency module, DALI 2, Push, 1-10V dimming option, or microwave motion and daylight sensor options. The Kennet also features a TP(a) rated diffuser.

KEN5F-SCT (06308)

Specification

Voltage (eg 220-240 Vac 50/60Hz)	220-240Vac 50/60Hz
Current (mA)	220
Rated Power (W)	48
CCT Words	Cool White (Warm White, Day Light)
CCT (K)	4000 (3000, 6000)
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	60000
L80B10 Lifetime (h)	60000
L90 Lifetime (h)	48000
Total Luminous Flux (lm)	5200 (4800, 4800)
Power Factor	0.95
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Dimensions L x W x D (mm)	1478 x 205 x 87
Weight (kg)	3
In-rush current (peak/duration) (A)	44A / 43 µs
Protection Rating	Class I
IK Rating	IK08
IP Rating	IP20
Ambient Temperature Range (°C)	-20 to 40
Emergency Luminous Flux (lm)	300(with BEM03 and BEM03/ST)
Depth (mm)	1478

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	Connector
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)	45
Energy Efficiency Class (NEW FORMULA)	D
Useful Luminous Flux (lm)	6700 (6200, 6200)
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000 (3000, 6300)
On-Mode Power (Pon) (W)	45
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	87
Width (mm)	205
Depth (mm)	1478
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.377 (0.433, 0.315)
Chromaticity Co-Ordinates (Y)	0.369 (0.403, 0.334)
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)	23 (11, 23)
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 flourescent 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	48Vdc 950mA

Optional Gears and Accessories

Component 1	Push-in Batten Emergency module BEM03
Component 2	Self-Test Push-in Batten Emergency Module BEM03/ST
Component 3	LiFEPO4 Battery BAT20LFP2
Component 4	Microwave Sensor MWS-DCA
Component 5	Remote Control KPT-MWS-CON
Component 6	Microwave Sensor Module KBTNLS1-MWS2

Technical Drawings

