Datasheet

Niva II

Niva II 70W Twin output interior batten with integrated LED & switchable CCT

This version of the Niva II LED batten offers an output similar to traditional twin output battens. The Niva II utilises high performance LEDs to offer outstanding lumen efficiency. The battens have a switchable CCT (3000/4000/6000K) and are suitable for a wide range of applications including warehouses, factories and garages. The product range is available with DALI dimming or a microwave sensor and has the option to install an emergency module. The DALI drivers can be set to a lower output via DIP switches.

KBTN70LS3/SCT (06498)

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Kosnic Lighting Ltd - Unit D2, Kennetside, Bone Lane, Newbury, RG14 5PX, UK
Kosnic Lighting France - 2bis avenue Irène Joliot-Curie, 77700 Bailly-Romainvilliers, France

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Specification

Voltage (eg 220-240 Vac 50/60Hz)	220-240Vac 50/60Hz
Current (mA)	317
Rated Power (W)	70
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)	9200 (8600, 8600)
Power Factor	0.96
Blue Light Hazard	RG1
Glow wire temperature(℃)	650
Dimensions L x W x D (mm)	1734 x 61 x 71
Weight (kg)	2
In-rush current (peak/duration) (A)	25.1A / 358 µs
Protection Rating	Class I
IK Rating	IK08
IP Rating	IP20
Ambient Temperature Range (°C)	-20 to 40
Emergency Luminous Flux (lm)	600
Depth (mm)	1734

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

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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)	63
Energy Efficiency Class (NEW FORMULA)	D
Useful Luminous Flux (lm)	9200 (8600, 8600)
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000 (3000, 6000)
On-Mode Power (Pon) (W)	63
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	71
Width (mm)	61
Depth (mm)	1734
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.383 (0.435, 0.316)
Chromaticity Co-Ordinates (Y)	0.373 (0.404, 0.335)
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)	25 (10, 5)
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	N/A

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Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	N/A
LED light source replaces flourescent withouth 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
Storboscopic effect metric (SVM) (x,x)	N/A
Light Source Supply	45Vdc 1400mA

Optional Gears and Accessories

Component 1	Batten Emergency Module CEW05LBL/N
Component 2	Self-Test Emergency Module CEW05LBL/S

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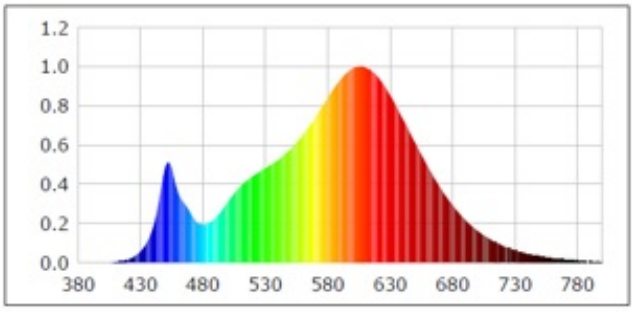
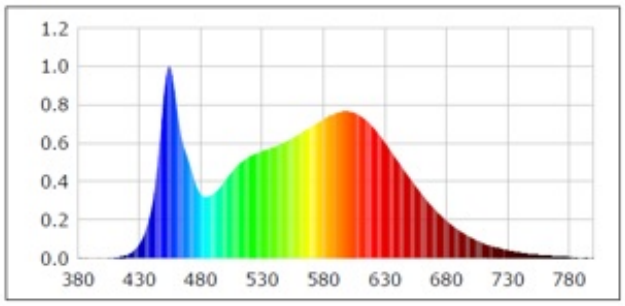
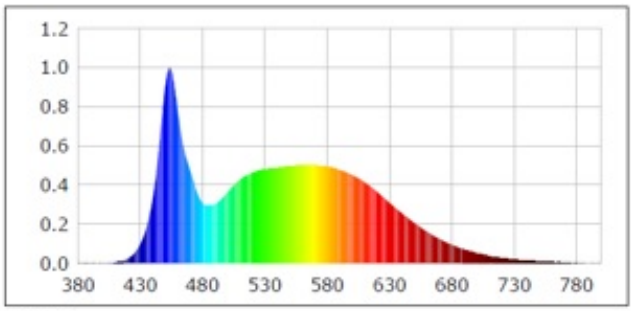
Technical Drawings



3000K



4000K



6000K

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Leading designers, manufacturers and established experts in LED technology

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