

Congo

Congo 5ft Single non-corrosive linear luminaire with integrated LED

The Kosnic LED Congo non-corrosive battens utilise high performance LEDs to offer outstanding lumen efficiency and have a switchable colour temperature (3000/4000/6000K). The battens are suitable for a wide range of commercial applications including warehouses, factories and garages. The product range also has the option to fit an emergency module and a microwave motion sensor.

CON5FS36-SCT (06471)

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	167
Rated Power (W)	36
CCT Words	Cool White (Warm White, Day Light)
CCT (K)	4000 (3000, 6000)
Total Luminous Flux (lm)	4350 (3950, 4350)
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	54000
L80B10 Lifetime (h)	54000
L90 Lifetime (h)	51000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
SDCM of CCT	<6
Flicker %	1
Power Factor	0.94
Dimensions (L x W x D) (mm)	1500 x 97 x 81
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	2.25
In-rush current (peak/duration) (A)	39 A/52 µs
Protection Rating	Class I
IK Rating	IK10
IP Rating	IP65
Emergency Luminous Flux (lm)	300(with BEM03 and BEM03/ST)

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	Terminal
Mains / Non-Mains (MLS/NMLS)	NMLS

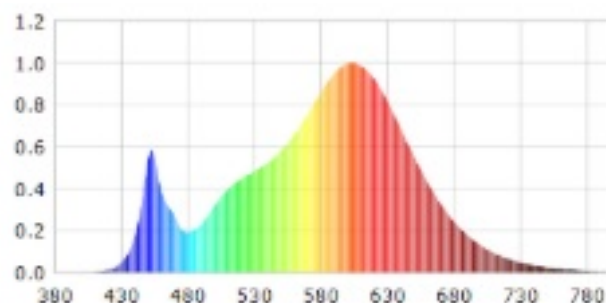
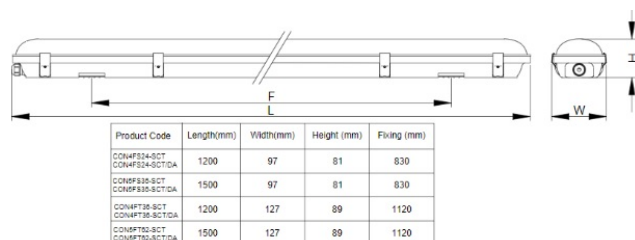
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	34
Energy Efficiency Class	D (E, D)
Useful Luminous Flux (lm)	5000 (4600, 5000)
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000 (3000, 6000)
On-Mode Power (Pon) (W)	34
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	6
Width (mm)	80
Depth (mm)	1480
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.372 (0.437, 0.309)
Chromaticity Co-Ordinates (Y)	0.367 (0.402, 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
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 fluorescent 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 700mA

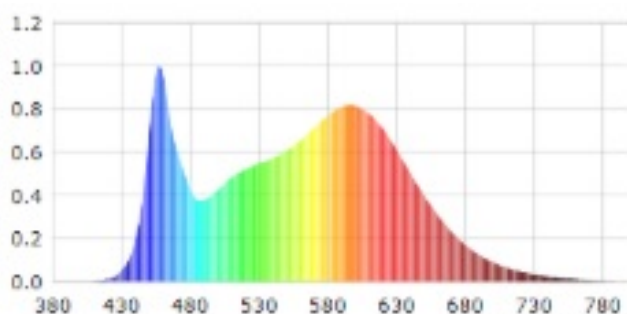
Optional Gears and Accessories

Optional Gears 1	Emergency module BEM03
Optional Gears 2	Emergency module self-test BEM03/ST
Optional Gears 3	Battery BAT20LFP2
Optional Gears 4	Microwave Sensor MWS-DCA (not suitable for DALI version)
Optional Gears 5	Remote Control MWS-RMT (not suitable for DALI version)

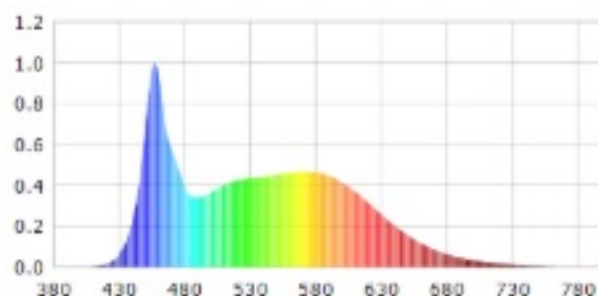
Technical Drawings



3000K



4000K



6000K