



Volta III

Volta III 48W Non-corrosive batten with integrated LED

The Kosnic Volta III LED non-corrosive battens have a full PC body and utilise high performance LEDs to offer outstanding lumen efficiency. They have terminals at each end for use with the optional interlink connector.

VOL5F48-SCT (06633)

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	220
Rated Power (W)	48
CCT Words	Cool White (Warm White, Day Light)
CCT (K)	4000 (3000, 6000)
Total Luminous Flux (lm)	6130 (5300, 6020)
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	54000
L80B10 Lifetime (h)	54000
L90 Lifetime (h)	42000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Power Factor	0.95
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	1.06
In-rush current (peak/duration) (A)	40A/170 µs
Protection Rating	Class I
IK Rating	IK08
IP Rating	IP65

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)	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)	48
Energy Efficiency Class	E
Useful Luminous Flux (lm)	6130 (5300, 6020)
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000 (3000, 6000)
On-Mode Power (Pon) (W)	48
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	60
Width (mm)	59
Depth (mm)	1535
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.38 (0.430, 0.324)
Chromaticity Co-Ordinates (Y)	0.371 (0.401, 0.336)
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	0.96
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)	0.2

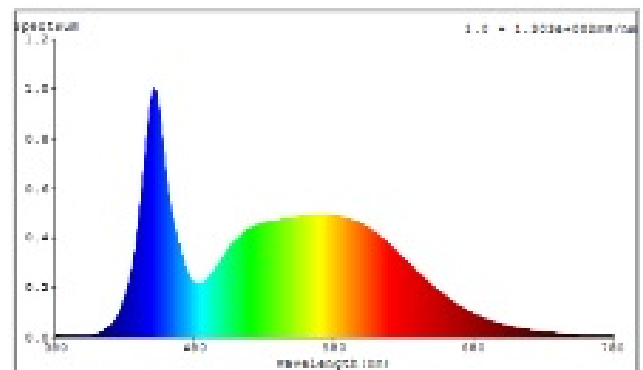
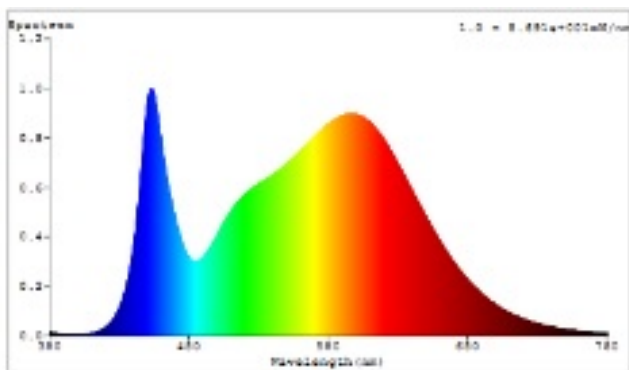
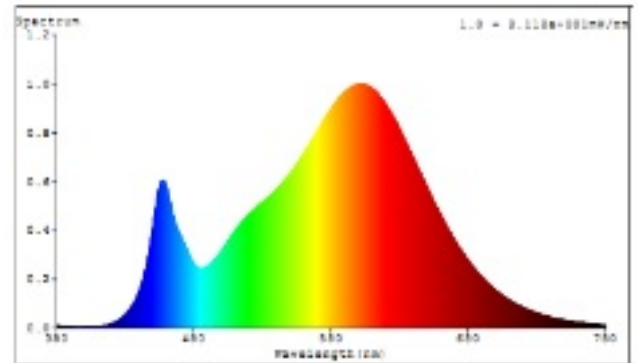
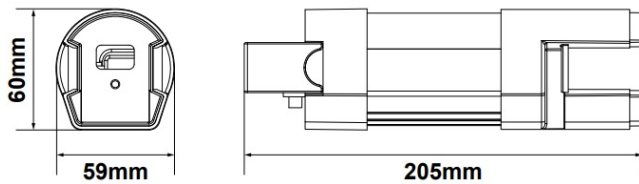
Stroboscopic effect metric (SVM) (x,x)

0.04

Optional Gears and Accessories

Optional Gears 1	Microwave Sensor VOL-MWS
Optional Gears 2	Remote Control RMT-VOL
Accessories 1	Suspension Kit SUS02
Accessories 2	Inline Interlock Connector KPT-KBTN-CI1
Accessories 3	End Cap KPT-KBTN-CAP
Accessories 4	"T" piece Interlock connector VOL-CT
Accessories 5	"X" piece Interlock connector VOL-CX
Accessories 6	"L" piece Interlock connector VOL-CL

Technical Drawings



 VOL5F48-SCT Technical Image

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