



Kennet II

Kennet II Interior surface mount slim profile batten

- Ideal replacement for twin T8 surface mount battens • 20mm conduit entries • Switchable CCT (3000k/4000k/6000k) • Flicker free • Plug & play microwave sensor module with corridor function, for standard version only • Plug & play emergency module • BESA box fitting points • Optional DALI 2 and PUSH dimming • TP(a) rated diffuser

KEN25F (07223)

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	220 (135, 159, 188)
Rated Power (W)	48 (28, 34, 41)
CCT Words	Cool White (Warm White, Day Light)
CCT (K)	4000 (3000, 6000)
Total Luminous Flux (lm)	48W 4000k = 5780 (48W 3000k/6000k = 5290) (28W 3000k/6000k = 3020, 4000k = 3300)(34W 3000k/6000k = 3780, 4000k = 4120)(41W 3000k/6000k = 4540, 4000k = 4950)
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	60000
L80B10 Lifetime (h)	60000
L90 Lifetime (h)	48000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
SDCM of CCT	<6
Flicker %	<1%
Power Factor	0.95
Dimensions (L x W x D) (mm)	1478 x 205 x 87
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	3
In-rush current (peak/duration) (A)	18A / 290µs
Protection Rating	Class I
IK Rating	IK08
IP Rating	IP20
Emergency Luminous Flux (lm)	350

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS

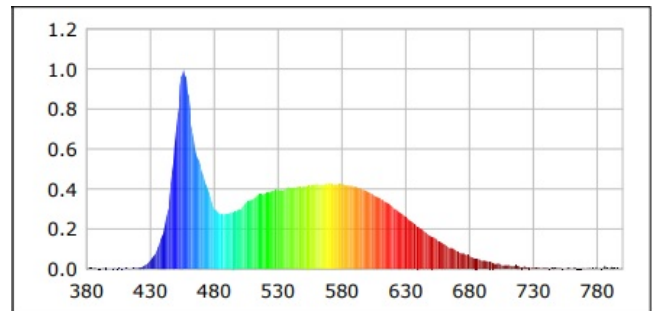
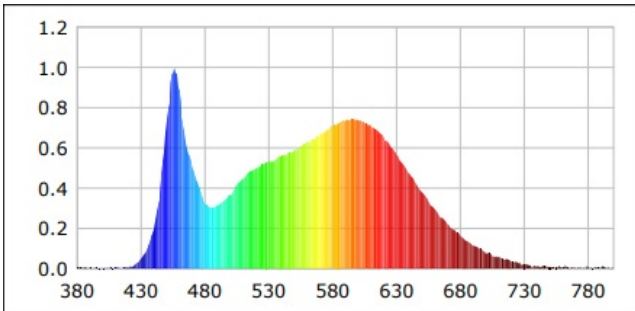
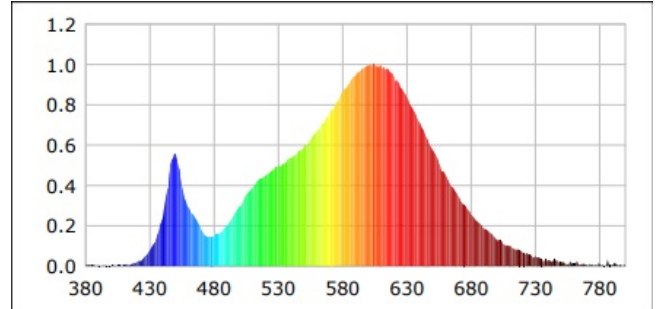
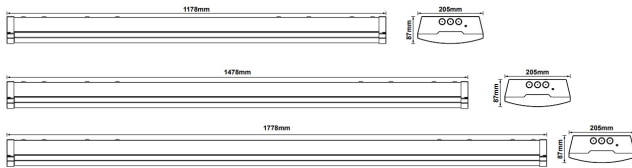
Light Source Cap Type (or other interface)	Connector
Mains / Non-Mains (MLS/NMLS)	NMLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	47
Energy Efficiency Class	D
Useful Luminous Flux (lm)	7200 (6600, 6600)
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000 (3000, 6300)
On-Mode Power (Pon) (W)	47
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)	205
Depth (mm)	1478
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.3768 (0.433, 0.315)
Chromaticity Co-Ordinates (Y)	0.3694 (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
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 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	134Vdc 350mA

Optional Gears and Accessories

Optional Gears 1	Batten UEM BEM203
Optional Gears 2	Self-Test Batten UEM BEM203/ST
Optional Gears 3	Battery BAT20LFP2
Optional Gears 4	Microwave Sensor MWS-DCA
Optional Gears 5	Microwwave sensor remote control MWS-RMT
Optional Gears 6	Microwave sensor MWS-DC
Accessories 1	Suspension kit SUS-BTN04

Technical Drawings



Kennet II Standard Version Output Setting

Code	KEN24F	KEN25F	KEN26F																																													
Default Power / Driver Current	30 W / 250 mA	48 W / 350 mA	65 W / 350 mA																																													
Alternative Power / Driver Current	17 W / 100 mA 22 W / 150 mA 26 W / 200 mA	28 W / 200 mA 34 W / 250 mA 41 W / 300 mA	37 W / 200 mA 47 W / 250 mA 56 W / 300 mA																																													
Luminous Flux	1910 lm (17 W 3000K) 2090 lm (17 W 4000K) 1910 lm (17 W 6000K) 2390 lm (22 W 3000K) 2610 lm (22 W 4000K) 2390 lm (22 W 6000K) 2870 lm (26 W 3000K) 3130 lm (26 W 4000K) 2870 lm (26 W 6000K) 3350 lm (30 W 3000K) 3650 lm (30 W 4000K) 3350 lm (30 W 6000K)	3020 lm (28 W 3000K) 3300 lm (28 W 4000K) 3020 lm (28 W 6000K) 3780 lm (34 W 3000K) 4120 lm (34 W 4000K) 3780 lm (34 W 6000K) 4540 lm (41 W 3000K) 4950 lm (41 W 4000K) 4540 lm (41 W 6000K) 5290 lm (48 W 3000K) 5780 lm (48 W 4000K) 5290 lm (48 W 6000K)	4110 lm (37 W 3000K) 4490 lm (37 W 4000K) 4110 lm (37 W 6000K) 5140 lm (47 W 3000K) 5610 lm (47 W 4000K) 5410 lm (47 W 6000K) 6170 lm (56 W 3000K) 6730 lm (56 W 4000K) 6170 lm (56 W 6000K) 7200 lm (65 W 3000K) 7850 lm (65 W 4000K) 7200 lm (65 W 6000K)																																													
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