



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

KEN26F (07224)

Specification

| | |
|-------------------------------------|---|
| Voltage | 220-240Vac 50/60Hz |
| Current (mA) | 297 |
| Rated Power (W) | 65 (37, 47, 56) |
| CCT Words | Cool White (Warm White, Day Light) |
| CCT (K) | 4000 (3000, 6000) |
| Total Luminous Flux (lm) | 65W 4000k = 7850 (65W 3000k/6000k = 7200) (37W 3000k/6000k = 4110, 4000k = 4490)(47W 3000k/6000k = 5410, 4000k = 5610)(56W 3000k/6000k = 6170, 4000k = 6730) |
| 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) | 1178 x 205 x 87 |
| Ambient Temperature Range (°C) | -20 to 40 |
| Weight (kg) | 3.55 |
| In-rush current (peak/duration) (A) | 20A / 271µs |
| Protection Rating | Class I |
| IK Rating | IK08 |
| IP Rating | IP20 |
| Emergency Luminous Flux (lm) | 350 |

Light Source Specification

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

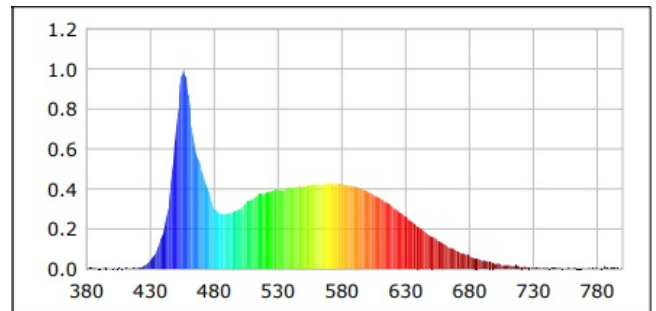
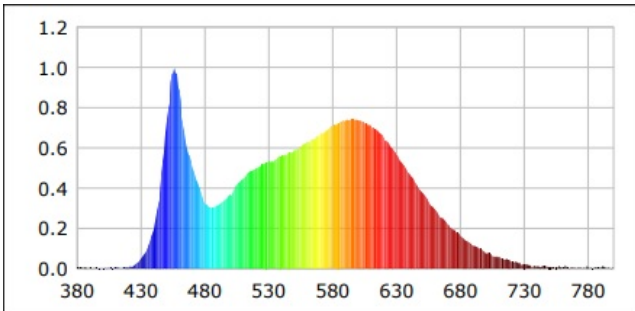
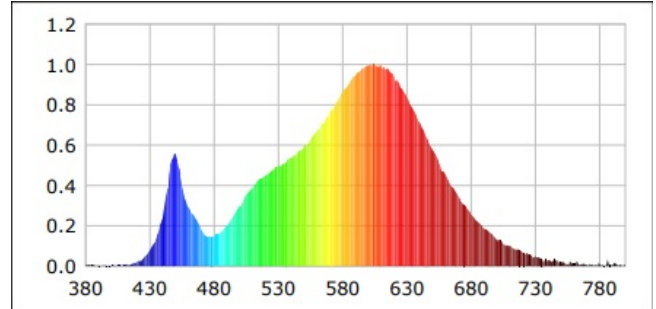
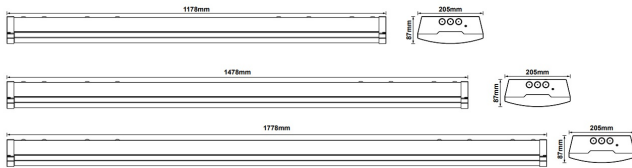
| | |
|--|-----------------------|
| Light Source Cap Type (or other interface) | Connector |
| Mains / Non-Mains (MLS/NMLS) | NMLS |
| Connected Light source (Y/N) | N |
| Colour Tunable Light Source (Y/N) | N |
| High Luminance Light Source (Y/N) | N |
| Anti-Glare Shield (Y/N) | N |
| Dimmable (Y/N/Specific dimmer) | N |
| Energy Consumption in on-mode (kWh/1000H) | 60 |
| Energy Efficiency Class | D |
| Useful Luminous Flux (lm) | 8800 (8500, 8500) |
| Beam Angle correspondence (in 360°/120°/90°) | in 360° |
| CCT | 4000 (3000, 6300) |
| On-Mode Power (Pon) (W) | 60 |
| 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) | 1778 |
| 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 | 174Vdc 350mA |

Optional Gears and Accessories

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|------------------|--|
| 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Driver Output Current Settings | <table border="1"> <thead> <tr> <th>Output Current</th> <th>DIP1</th> <th>DIP2</th> </tr> </thead> <tbody> <tr> <td>100 mA</td> <td>-</td> <td>-</td> </tr> <tr> <td>150 mA</td> <td>ON</td> <td>-</td> </tr> <tr> <td>200 mA</td> <td>-</td> <td>ON</td> </tr> <tr> <td>250 mA</td> <td>ON</td> <td>ON</td> </tr> </tbody> </table> | Output Current | DIP1 | DIP2 | 100 mA | - | - | 150 mA | ON | - | 200 mA | - | ON | 250 mA | ON | ON | <table border="1"> <thead> <tr> <th>Output Current</th> <th>DIP1</th> <th>DIP2</th> </tr> </thead> <tbody> <tr> <td>200 mA</td> <td>-</td> <td>-</td> </tr> <tr> <td>250 mA</td> <td>ON</td> <td>-</td> </tr> <tr> <td>300 mA</td> <td>-</td> <td>ON</td> </tr> <tr> <td>350 mA</td> <td>ON</td> <td>ON</td> </tr> </tbody> </table> | Output Current | DIP1 | DIP2 | 200 mA | - | - | 250 mA | ON | - | 300 mA | - | ON | 350 mA | ON | ON | <table border="1"> <thead> <tr> <th>Output Current</th> <th>DIP1</th> <th>DIP2</th> </tr> </thead> <tbody> <tr> <td>200 mA</td> <td>-</td> <td>-</td> </tr> <tr> <td>250 mA</td> <td>ON</td> <td>-</td> </tr> <tr> <td>300 mA</td> <td>-</td> <td>ON</td> </tr> <tr> <td>350 mA</td> <td>ON</td> <td>ON</td> </tr> </tbody> </table> | Output Current | DIP1 | DIP2 | 200 mA | - | - | 250 mA | ON | - | 300 mA | - | ON | 350 mA | ON | ON |
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| 100 mA | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 150 mA | ON | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 200 mA | - | ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 250 mA | ON | ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 200 mA | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 250 mA | ON | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 300 mA | - | ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 350 mA | ON | ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Output Current | DIP1 | DIP2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 200 mA | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 250 mA | ON | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 300 mA | - | ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 350 mA | ON | ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |