PHILIPS Lighting



SmartBalance Free Floor Standing Gen2

FS486F 150S/930 PSD-T ACL U WH

SMARTBALANCE FFS GEN2 SHARP EDGES, 118 W, Power supply unit with DALI touch-switch and dimming interface, Symmetrical, 100°

Customer love free floor-standing luminaires as the ideal solution for personally controlled, flexible and comfortable lighting. Philips SmartBalance Gen2 takes free floor-standing luminaires to a whole new level with an even slimmer and smarter design, with more variants for greater flexibility. State-of-the-art lighting technology and connectivity options mean these free-standing LED luminaire are designed to increase energy efficiency. And to reduce lighting costs even further, one luminaire can be used to light two desks to the levels required for offices. Users have complete control over these stylish, free-standing luminaires via a Touch and Dim button on the pole. And thanks to a clean and compact design it blends into any interior. SmartBalance Gen2 is also designed for recyclability, making this free floor-standing LED luminaire a true 'Green choice'.

Warnings and Safety

- The product is IPXO and as such is not protected against water ingress. Therefore we strongly recommend that the environment in which the luminaire is to be installed is suitably checked.
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure and the product warranty will become void.

Product data

| General Information | | Number of gear units | 2 units |
|--------------------------|-----|----------------------|---------|
| Light source replaceable | No | Driver included | Yes |
| CE mark | Yes | | |

SmartBalance Free Floor Standing Gen2

| Flammability mark | For mounting on normally flammable | |
|--|--|--|
| | surfaces | |
| Glow-wire test | Temperature 650 °C, duration 30 s | |
| Warranty period | 5 years | |
| Product family code | FS486F [SMARTBALANCE FFS GEN2 | |
| | SHARP EDGES] | |
| Lighting Technology | LED | |
| ENEC mark | ENEC mark | |
| EU RoHS compliant | Yes | |
| Value ladder | Performance | |
| | | |
| Application Conditions | | |
| Performance ambient temperature Tq | 25 ℃ | |
| Suitable for random switching | Yes (relates to presence/ movement | |
| | detection and daylight harvesting) | |
| | | |
| Light Technical | | |
| Luminous Flux | 15,000 lumen | |
| Saturated Red (R9) | >50 | |
| Correlated Color Temperature (Nom) | 3000 K | |
| Luminous Efficacy (rated) (Nom) | 127 lm/W | |
| Color rendering index (CRI) | ≥90 | |
| Beam angle of light source | 120 degree(s) | |
| Light source color | 930 warm white | |
| Optic type | Symmetrical | |
| Luminaire light beam spread | 100° | |
| Unified glare rating CEN | 19 | |
| | | |
| Operating and Electrical | | |
| Line Frequency | 50 or 60 Hz | |
| Input Voltage | 220 to 240 V | |
| Inrush current | 10 A | |
| Inrush time | 35.9 ms | |
| Power Consumption | 118 W | |
| Power Factor (Fraction) | 0.9 | |
| Connection | External connector | |
| Cable | Cord with plug CEE 7 3-pole | |
| Number of products on MCB of 16 A type B | 18 | |
| | | |
| Temperature | | |
| Ambient temperature range | +10 to +35 °C | |
| Controls and Dimming | | |
| Dimmable | Yes | |
| Driver/power unit/transformer | Power supply unit with DALI touch-switch | |
| | | |
| | and dimming interface | |

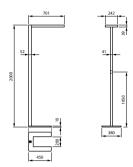
| Mechanical and Housing | | |
|--|---------------------------------------|--|
| Housing Material | Aluminium | |
| Reflector material | - | |
| Optic material | Polymethyl methacrylate | |
| Optical cover/lens material | Polymethyl methacrylate | |
| Fixation material | Aluminum | |
| Housing Color | White | |
| Optical cover/lens finish | Opal | |
| Overall length | 450 mm | |
| Overall width | 350 mm | |
| Overall height | 2,000 mm | |
| Dimensions (Height x Width x Depth) | 2000 x 350 x 450 mm | |
| | | |
| Approval and Application | | |
| Ingress protection code | IP20 [Finger-protected] | |
| Mech. impact protection code | IK02 [0.2 J standard] | |
| Sustainability rating | Lighting for circularity | |
| Protection class IEC | Safety class I | |
| Photobiological risk | Photobiological risk group 1@ 200mm t | |
| | EN62471 | |
| | | |
| Initial Performance (IEC Compliant) | | |
| Initial chromaticity | (0.434, 0.404) SDCM3 | |
| Luminous flux tolerance | +/-10% | |
| Power consumption tolerance | +/-10% | |
| Over Time Berfermanes (IEC Complia | | |
| Over Time Performance (IEC Complia | | |
| Control gear failure rate at median useful | 5 % | |
| life 50000 h | | |
| Control gear failure rate at median useful | 10 % | |
| life 100000 h | | |
| Lumen maintenance at median useful life* | L85 | |
| 50000 h | | |
| Lumen maintenance at median useful life* | L75 | |
| 100000 h | | |
| Product Data | | |
| Full product code | 872016958516400 | |
| Order product name | FS486F 150S/930 PSD-T ACL U WH | |
| Order code | 910505102586 | |
| Numerator - Quantity Per Pack | 1 | |
| Numerator - Quantity Per Pack | 1 | |
| · · · · · · · · · · · · · · · · · · · | | |
| Material Nr. (12NC) | 910505102586 | |
| Full product name | FS486F 150S/930 PSD-T ACL U WH | |

8720169585164

EAN/UPC - Case

SmartBalance Free Floor Standing Gen2

Dimensional drawing





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