PHILIPS

Lighting

Essential Smartbright waterproof

WT035C LED15/NW PSU GM CFW L600

Essential Smartbright waterproof, 15 W, 1500 lm, 4000 K, 120°

Essential Smartbright slim waterproof

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Value ladder	Value
Warranty period	2 years

Light Technical	
Luminous Flux	1,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>70
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 120°
Luminaire light beam spread	120°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	2.5 A
Inrush time	0.1 ms
Power Consumption	15 W
Power Factor (Fraction)	0.9
Connection	Connection unit 2-pole
Cable	Cable 0.25m without plug
Number of products on MCB of 16 A type B	24
Protection class IEC	Safety class II

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate

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Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	598 mm
Overall width	35.5 mm
Overall height	44.5 mm
Dimensions (Height x Width x Depth)	45 x 36 x 598 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Polycarbonate bowl/cover
Net Weight (Piece)	0.190 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
EU RoHS compliant	No
Ambient temperature range	-20 °C to 40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	0.3876 ; 0.3914
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.004 %
Median useful life L70B50	20,000 hour(s)
Median useful life L80B50	15,610 hour(s)
Median useful life L90B50	7,330 hour(s)

Product Data

Order product name	WT035C LED15/NW PSU GM CFW L600
Full product name	WT035C LED15/NW PSU GM CFW L600
Full product code	871016334401099
Order code	911401821080
Material Nr. (12NC)	911401821080
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163344010
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163344072

Dimensional drawing

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