Essential Smartbright waterproof

WT035C LED37/NW PSU GM CFW L1500

Essential Smartbright waterproof, 35 W, 3700 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

Light Technical

Luminous Flux	3,700 lm
Luminous Efficacy (rated) (Nom)	90 lm/W
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>70
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 120°
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	120°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	5 A

Inrush time	0.1 ms
Power Consumption	35 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

Temperature

Ambient temperature range	–20 °C to 40 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	–
Constant light output	No

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	1,498 mm
Overall width	35.5 mm
Overall height	44.5 mm
Dimensions (Height x Width x Depth)	45 x 36 x 1498 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	–
CE mark	CE mark
ENEC mark	–
Warranty period	2 years
EU RoHS compliant	No

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)

Application Conditions

Maximum dim level	Not applicable

Product Data

Order product name	WT035C LED37/NW PSU GM CFW L1500
Full product name	WT035C LED37/NW PSU GM CFW L1500
Full product code	871016334405899
Order code	911401821480
Material Nr. (12NC)	911401821480
Numerator – Quantity Per Pack	1
Net Weight (Piece)	0.350 kg
EAN/UPC – Product/Case	8710163344058
Numerator – Packs per outer box	24
EAN/UPC – Case	8710163344119

Dimensional drawing

www.lighting.philips.com

2023, August 2 – data subject to change