



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		Operating and Electrical	
Light source replaceable	No	Luminaire light beam spread	120°
Number of gear units	1 unit	Input Voltage	220 to 240 V
Driver included	Yes	Line Frequency	50 or 60 Hz
Light source engine type	LED	Inrush current	5 A
CE mark	CE mark	Inrush time	0.1 ms
Warranty period	2 years	Power Consumption	35 W
Flammability mark	-	Power Factor (Fraction)	0.9
ENEC mark	-	Connection	Connection unit 2-pole
Glow-wire test	Temperature 650 °C, duration 30 s	Cable	Cable 0.25m without plug
EU RoHS compliant	No	Number of products on MCB of 16 A type B	24
Light Technical		Temperature	
Luminous Flux	3,700 lm	Ambient temperature range	-20 °C to 40 °C
Correlated Color Temperature (Nom)	4000 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	90 lm/W	Dimmable	No
Color rendering index (CRI)	>70	Driver/power unit/transformer	Power supply unit (On/Off)
Beam angle of light source	120 degree(s)	Control interface	-
Light source color	840 neutral white		
Optic type	Beam angle 120°		
Optical cover type	Polycarbonate bowl/cover		

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Constant light output	No
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Mechanical and Housing

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

Initial Performance (IEC Compliant)

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

Power consumption tolerance	+/-10%
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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
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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
EAN/UPC - Product/Case	8710163344058
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163344119

Dimensional drawing

