PHILIPS

Essential Smartbright waterproof

7459446



Essential Smartbright waterproof is Slim and elegant, offers reliable performance in all weather conditions. It is strong, IP65 and IK06 and provides value for money.

Essential Smartbright slim waterproof

Benefits

- Slim and Elegant
- Value for Money
- Easy installation

Applications

- Parking Garages
- Offices
- Residential

Features

- Slim Design
- 20K hours life
- 2 Years warranty
- IP65, IK06
- Installation accessories included

Versions



Essential Smartbright Slim Waterproof



Essential Smartbright Slim Waterproof



Essential Smartbright Slim Waterproof

Essential Smartbright Slim Waterproof

Dimensional drawing

Essential Smartbright Slim Waterproof

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General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes

Light Technical

Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>70
Beam angle of light source	120 degree(s)
Optic type	Beam angle 120°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Color	White
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Polycarbonate bowl/cover

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%

Over Time Performance (IEC Compliant)

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

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)
911401820980	WT035C LED37/CW PSU GC CFW L1500	3,700 lm	6500 K
911401821580	WT035C LED37/CW PSU GM CFW L1500	3,700 lm	6500 K
911401820480	WT035C LED15/NW PSU GC CFW L600	1,500 lm	4000 K
911401820580	WT035C LED15/CW PSU GC CFW L600	1,500 lm	6500 K
911401821080	WT035C LED15/NW PSU GM CFW L600	1,500 lm	4000 K
911401821180	WT035C LED15/CW PSU GM CFW L600	1,500 lm	6500 K
911401820680	WT035C LED30/NW PSU GC CFW L1200	3,000 lm	4000 K
911401820780	WT035C LED30/CW PSU GC CFW L1200	3,000 lm	6500 K
911401821280	WT035C LED30/NW PSU GM CFW L1200	3,000 lm	4000 K
911401821380	WT035C LED30/CW PSU GM CFW L1200	3,000 lm	6500 K
911401820880	WT035C LED37/NW PSU GC CFW L1500	3,700 lm	4000 K
911401821480	WT035C LED37/NW PSU GM CFW L1500	3,700 lm	4000 K

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401820980	WT035C LED37/CW PSU GC CFW L1500	35 W

Order Code	Full Product Name	Power Consumption
911401821580	WT035C LED37/CW PSU GM CFW L1500	35 W
911401820480	WT035C LED15/NW PSU GC CFW L600	15 W
911401820580	WT035C LED15/CW PSU GC CFW L600	15 W
911401821080	WT035C LED15/NW PSU GM CFW L600	15 W
911401821180	WT035C LED15/CW PSU GM CFW L600	15 W
911401820680	WT035C LED30/NW PSU GC CFW L1200	30 W
911401820780	WT035C LED30/CW PSU GC CFW L1200	30 W
911401821280	WT035C LED30/NW PSU GM CFW L1200	30 W
911401821380	WT035C LED30/CW PSU GM CFW L1200	30 W
911401820880	WT035C LED37/NW PSU GC CFW L1500	35 W
911401821480	WT035C LED37/NW PSU GM CFW L1500	35 W

Approval and Application

Order Code	Full Product Name	Ambient temperature range
911401820980	WT035C LED37/CW PSU GC CFW L1500	-20 to +35 °C
911401821580	WT035C LED37/CW PSU GM CFW L1500	-20 to +40 °C
911401820480	WT035C LED15/NW PSU GC CFW L600	-20 to +35 °C
911401820580	WT035C LED15/CW PSU GC CFW L600	-20 to +35 °C
911401821080	WT035C LED15/NW PSU GM CFW L600	-20 to +40 °C
911401821180	WT035C LED15/CW PSU GM CFW L600	-20 to +40 °C
911401820680	WT035C LED30/NW PSU GC CFW L1200	-20 to +35 °C
911401820780	WT035C LED30/CW PSU GC CFW L1200	-20 to +35 °C
911401821280	WT035C LED30/NW PSU GM CFW L1200	-20 to +40 °C
911401821380	WT035C LED30/CW PSU GM CFW L1200	-20 to +40 °C
911401820880	WT035C LED37/NW PSU GC CFW L1500	-20 to +35 °C
911401821480	WT035C LED37/NW PSU GM CFW L1500	-20 to +40 °C

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401820980	WT035C LED37/CW PSU GC CFW L1500	0.323 ; 0.35
911401821580	WT035C LED37/CW PSU GM CFW L1500	0.323 ; 0.35
911401820480	WT035C LED15/NW PSU GC CFW L600	0.3876 ; 0.3914
911401820580	WT035C LED15/CW PSU GC CFW L600	0.323 ; 0.35
911401821080	WT035C LED15/NW PSU GM CFW L600	0.3876 ; 0.3914
911401821180	WT035C LED15/CW PSU GM CFW L600	0.323 ; 0.35
911401820680	WT035C LED30/NW PSU GC CFW L1200	0.3876 ; 0.3914
911401820780	WT035C LED30/CW PSU GC CFW L1200	0.323 ; 0.35
911401821280	WT035C LED30/NW PSU GM CFW L1200	0.3876 ; 0.3914
911401821380	WT035C LED30/CW PSU GM CFW L1200	0.323 ; 0.35
911401820880	WT035C LED37/NW PSU GC CFW L1500	0.3876 ; 0.3914
911401821480	WT035C LED37/NW PSU GM CFW L1500	0.3876 ; 0.3914

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