PHILIPS

Lighting



CoreLine waterproof gen3

WT120C G3 27_33_39_46S/865 PSU L1200

CoreLine waterproof gen3, All-in, 28.5 W, 16.6 W, L1200 mm, 2700 lm, 3300 lm, 3900 lm, 4600 lm, 6500 K, Symmetrical, Clear, IP66, IK08, EL-ready

L1200 mm, Polycarbonate, Grey, Power supply unit (On/Off), All-in, Multi Lumen, 2700 lm, 3300 lm, 3900 lm, 4600 lm, 28.5 W, 16.6 W, 163 lm/W, 161 lm/W, 6500 K, (0.31, 0.32) SDCM<3, Symmetrical, Clear, Polycarbonate, IP66 | Dust penetration-protected, jet-proof, IK08 | 6 J, Safety class I, Push-in connector 5-pole, Self-contained emergency lighting is possible when used with a compatible battery kit accessory

Warnings and Safety

- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP66 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Value ladder	Performance
Warranty period	5 years

Light Technical	
Luminous Flux	2,700 3,300 3,900 4,600 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	163 161 lm/W
Color rendering index (CRI)	>80
Light source color	865 cool daylight
Optic type	Symmetrical
Luminaire light beam spread	110°
Unified glare rating CEN	28
All-in Type	All-in, Multi Lumen

Operating and Electrical	
Input Voltage	220-240 V

CoreLine waterproof gen3

Line Frequency	0/50/60 Hz
Inrush current	24.5 A
Inrush time	0.136 ms
Power Consumption	28.5 16.6 W
Power Factor (Fraction)	0.95
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	35
Suitable for random switching	Yes
Protection class IEC	Safety class I
Feed-through wiring	-

Controls and Dimming

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

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Grey
Optical cover finish	Clear
Overall length	1,215 mm
Overall width	80 mm
Overall height	76 mm
Dimensions (Height x Width x Depth)	76 x 80 x 1215 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Net Weight (Piece)	1.280 kg

Emergency Operation

Central Emergency	No
Emergency lighting	Self-contained emergency lighting is possible when used with a compatible battery kit accessory

Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 °C to 40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+15%/-5%
Initial chromaticity	(0.31, 0.32) SDCM<3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Sustainability Data

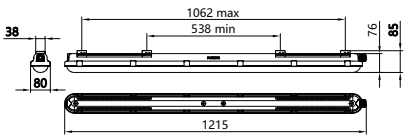
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

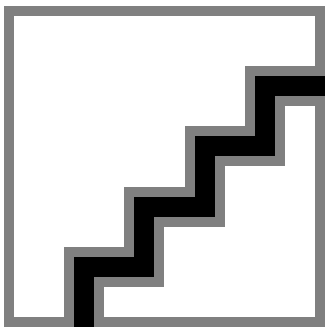
Order product name	WT120C G3 27_33_39_46S/865 PSU L1200
Full product name	WT120C G3 27_33_39_46S/865 PSU L1200
Full product code	872110339014100
Order code	910505106568
Material Nr. (12NC)	910505106568
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103390141
Numerator - Packs per outer box	9
EAN/UPC - Case	8721103349057

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Dimensional drawing



Photometric data



Polar Normal (separate) - 910505106568

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