PHILIPS

WT120C G3 34S/840 PSR MDUPHW TW3 L1500

910505106541

CoreLine waterproof gen3, 21.5 W, L1500 mm, 3400 lm, 4000 K, Sensor-based dim, Symmetrical, Clear, MDU3, IP66, IK08, TW3, EL-ready

L1500 mm, Polycarbonate, Grey, Power supply unit regulating, Programmable movement and light sensor with wireless grouping, 3400 lm, 21.5 W, 158 lm/W, 4000 K, (0.38, 0.37) SDCM<3, Symmetrical, Clear, Polycarbonate, IP66 | Dust penetration-protected, jet-proof, IK08 | 6 J, Safety class I, Push-in connector 5-pole, Feed-through wiring 3-phase, 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.

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	3,400 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	158 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	Symmetrical
Luminaire light beam spread	110°
Unified glare rating CEN	25

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	0/50/60 Hz
Inrush current	9.9 A
Inrush time	0.264 ms
Power Consumption	21.5 W
Power Factor (Fraction)	0.90
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	21
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)
Protection class IEC	Safety class I
Feed-through wiring	Feed-through wiring 3-phase

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Sensor-based dim
Constant light output	No
Embedded control	Programmable movement and light sensor with wireless grouping

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	1,535 mm
Overall width	80 mm
Overall height	76 mm
Dimensions (Height x Width x Depth)	76 x 80 x 1535 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Net Weight (Piece)	1.790 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
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
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	(0.38, 0.37) 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

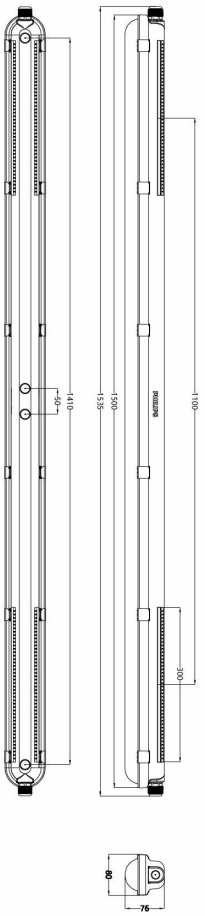
Sustainability Data

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

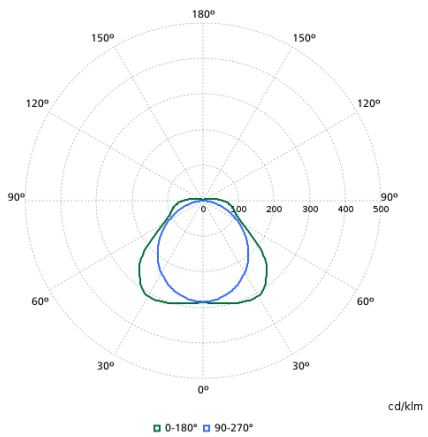
Product Data

Order product name	WT120C G3 34S/840 PSR MDUPHW TW3 L1500
Full product name	WT120C G3 34S/840 PSR MDUPHW TW3 L1500
Full product code	872110335987200
Order code	35987200
Material Nr. (12NC)	910505106541
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103359872
Numerator - Packs per outer box	9
EAN/UPC - Case	8721103348821

Dimensional drawing



Polar normal diagrams



Related Documents

Documents and certificates	Document Name	Download
Tender text	Tender_Text_910505106541_en_AE.txt	Download
Installation Instructions	WT120C-G3-PSR-MDU-Installation-Instuction-2026-03.pdf	Download
Environmental Product Declaration	EPD-HUB-EPD-PHILIPS-WT120C-G3-L1500-Ref-911401835888.pdf	Download

Photometric and IES	Document Name	Download
LDT File	LDT File - 910505106541.ldt	Download
ROLF File	ROLF File - 910505106541.rolfz	Download
ULD File	ULD File - 910505106541.uld	Download
Revit file	Revit file - 910505106541.zip	Download

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