PHILIPS

WT210C LED50S/840 PSU TW1 PMMA L1200

911401827884



CoreLine tubular waterproof, 39 W, L1200 mm, 5000 lm, 4000 K, Very wide beam, Opal, IP69K, IK06, TW1

L1200 mm, Plastic, White, Power supply unit (On/Off), 5000 lm, 39 W, 128 lm/W, 4000 K, (0.38,0.38)SDCM3, Very wide beam, Opal, Polymethyl methacrylate, IP69K | Dust penetration-protected, pressure watertight 80 °C, IK06 | 1 J, Safety class I, Push-in connector 3-pole, Feed-through wiring 1-phase

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Sustainability rating	Unclassified
Service tag	No
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years

Light Technical

Luminous Flux	5,000 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	128 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	Very wide beam
Luminaire light beam spread	130°
Unified glare rating CEN	26

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	20 A
Inrush time	0.15 ms
Power Consumption	39 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	30
Suitable for random switching	Yes
Protection class IEC	Safety class I
Feed-through wiring	Feed-through wiring 1-phase
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Plastic
Reflector material	Aluminum
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Stainless steel
Housing Color	White
Optical cover finish	Opal
Overall length	1,340 mm
Overall width	69 mm
Overall height	69 mm
Overall diameter	69 mm
Dimensions (Height x Width x Depth)	69 x 69 x 1340 mm
Ingress protection code	IP69K [Dust penetration-protected, pressure watertight 80 °C]
Mech. impact protection code	IK06 [1 J]
Net Weight (Piece)	1.200 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)SDCM3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

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

Sustainability Data

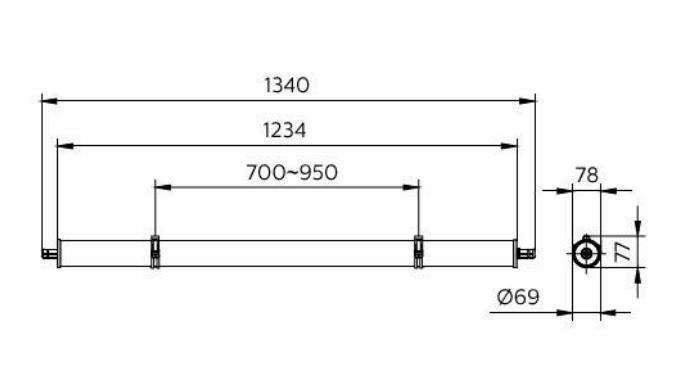
Repair class	Repair Class D, this product is not designed to be repaired.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

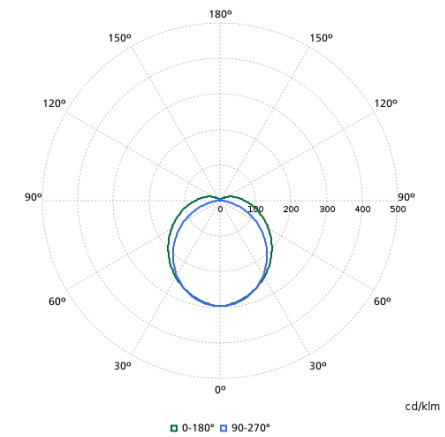
Order product name	WT210C LED50S/840 PSU TW1 PMMA L1200
Full product name	WT210C LED50S/840 PSU TW1 PMMA L1200
Full product code	871951494735199
Order code	911401827884

Material Nr. (12NC)	911401827884
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514947351
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514947399

Dimensional drawing



Polar normal diagrams



Compatible Accesories

Accessory Image	Accessory Code	Accessory Name	Website
	911401867784	WT210Z SW2	Product Website

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	Manual Instruction PMMA_ 2022 09 21.pdf	Download
Tender text	Tender_Text_911401827884_en_AA.txt	Download

Photometry and lighting design	Document Name	Download
IES File	wt210c-led50s-840-psu-tw1-pmma-l1200-911401827884.ies	Download
LDT File	wt210c-led50s-840-psu-tw1-pmma-l1200-911401827884.ldt	Download
ROLF File	wt210c-led50s-840-psu-tw1-pmma-l1200-911401827884.rolfz	Download
ULD File	wt210c-led50s-840-psu-tw1-pmma-l1200-911401827884.uld	Download
Revit file	wt210c-led50s-840-psu-tw1-pmma-l1200-911401827884.zip	Download

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