PHILIPS

WT065C LED41_68S/840 PSU L1500 TW1

911401815485



Multi Lumen

Ledinaire Waterproof WT065C, All-in, 53 W, 30 W, L1500 mm, 4100 lm, 6800 lm, 4000 K, Symmetrical, Opal, IP65, IK08, TW1

L1500 mm, Polycarbonate, Grey, Power supply unit (On/Off), All-in, Multi Lumen, 4100 lm, 6800 lm, 53 W, 30 W, 146 lm/W, 135 lm/W, 4000 K, (0.38,0.38) SDCM≤5, Symmetrical, Opal, Polycarbonate, IP65 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, 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	Value
Warranty period	5 years

Light Technical

Luminous Flux	4,100 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	146 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	31
All-in Type	All-in, Multi Lumen

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	15 A
Inrush time	0.24 ms
Power Consumption	53 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	31
Suitable for random switching	Yes
Protection class IEC	Safety class I
Feed-through wiring	Feed-through wiring 1-phase
Total harmonic distortion	9 %

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
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	Opal
Overall length	1,514 mm
Overall width	71 mm
Overall height	74 mm
Dimensions (Height x Width x Depth)	74 x 71 x 1514 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Net Weight (Piece)	1.500 kg

Emergency Operation

Central Emergency	No

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	-
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)	0.4
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38) SDCM≤5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L70
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	-

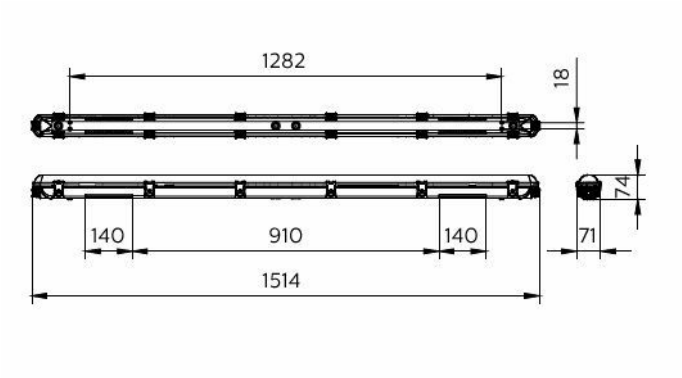
Sustainability Data

Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	14.4 kg CO_2e
Product non-virgin material ratio	14.2 %
Recyclable content ratio of the finished product	51.6 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)
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	WT065C LED41_68S/840 PSU L1500 TW1
Full product name	WT065C LED41_68S/840 PSU L1500 TW1
Full product code	872016950024299
Order code	911401815485
Material Nr. (12NC)	911401815485
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169500242
Numerator - Packs per outer box	9
EAN/UPC - Case	8720169500341

Dimensional drawing



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	Manual Instruction_Ledinaire waterproof WT065C All_In_v202305.pdf	Download
Environmental Product Declaration	EPD-Philips-Ledinaire-Waterproof-WT065C-LED41-68S-840-PSU-L1500-TW1-911401815485.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	WT065C-All-in-mlm-L1500-LED41S-68S-840-PSU-ies.zip	Download
LDT File	WT065C-All-in-mlm-L1500-LED41S-68S-840-PSU-ldt.zip	Download

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