



Ledinaire Waterproof

WT055C LED18S/840 PSU TW1 L600

840 neutral white – Power supply unit

The Ledinaire range contains a selection of popular off-the-shelf LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy efficient and affordable – just what you need.

Product data

General Information	
Beam angle of light source	– °
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	–
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	–
Luminaire light beam spread	–
Control interface	–
Connection	Push-in connector 2-pole
Cable	–
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on easy flammable surfaces
CE mark	CE mark
ENEC mark	–
Warranty period	3 years
Constant light output	No
Number of products on MCB of 16 A type B	10

RoHS mark	RoHS mark
Unified glare rating CEN	16

Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Initial CLO power consumption	– W
Average CLO power consumption	– W
Inrush current	37 A
Inrush time	1 ms
Power Factor (Min)	0.9

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel

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Optical cover/lens finish	Opal
Overall length	636 mm
Overall width	36 mm
Overall height	50 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1800 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	110 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.3896, 0.3888) SDCM ≤5
Initial input power	16.5 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	7.5 %
50000 h	

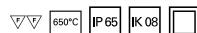
Lumen maintenance at median useful life*	L65
50000 h	

Application Conditions

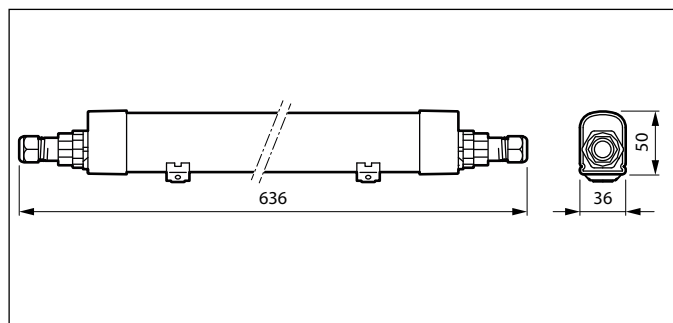
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Full product code	871869979297899
Order product name	WT055C LED18S/840 PSU TW1 L600
EAN/UPC - Product	8718699792978
Order code	912401483249
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	36
Material Nr. (12NC)	912401483249
Net Weight (Piece)	0.320 kg



Dimensional drawing



Waterproof WT055C/WT060C

