



Ledinaire Waterproof

WT050C LED43S/840 PSU L1500

Ledinaire Waterproof, 45 W, L1500 mm, 4300 lm, 4000 K, Beam angle 120°, Opal, IP65, IK08

The Ledinaire waterpprof (WT060) range contains a selection of popular off-the-shelf waterproof LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy efficient and affordable. Ledinaire enables, simple and quick installation, with optional through wiring possibility.

Product data

General Information	
Light source replaceable	No
Number of gear units	2 units
Driver included	Yes
Lighting Technology	LED
Value ladder	Value
CE mark	Yes
Warranty period	2 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	No
Light Technical	
Luminous Flux	4,300 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>80
Color rendering index (CRI) Beam angle of light source	>80 140 degree(s)

Light source color	840 neutral white
Optic type	Beam angle 120°
Luminaire light beam spread	140°
Unified glare rating CEN	23
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	45 W
Average CLO power consumption	45 W
Inrush current	11.4 A
Inrush time	0.0263 ms
Power Consumption	45 W
Power Factor (Fraction)	0.9
Connection	Connection unit 2-pole
Cable	-
Number of products on MCB of 16 A type B	20

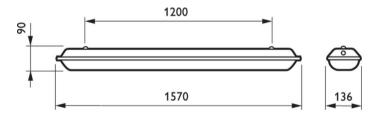
Datasheet, 2023, October 6 data subject to change

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Temperature	
Ambient temperature range	-20 to +45 ℃
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	-
Housing Color	Gray and white
Optical cover finish	Opal
Overall length	157.4 mm
Overall width	14 mm
Overall height	90 mm
Dimensions (Height x Width x Depth)	90 x 14 x 157 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) Driver failure rate at 5000 h 0.0015 % Control gear failure rate at median useful life 7.5 % 50000 h Lumen maintenance at median useful life* Not applicable 50000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Suitable for random switching Not applicable Product Data Order product name WT050C LED43S/840 PSU L1500 Full product code 871016333921499 Order code 911401802680 Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214 Numerator - Packs per outer box 6	Initial chromaticity	0.3874, 0.3830
Driver failure rate at 5000 h Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Not applicable Product Data Order product name WT050C LED43S/840 PSU L1500 Full product code 871016333921499 Order code Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack EAN/UPC - Product/Case 8710163339214	Power consumption tolerance	+/-10%
Driver failure rate at 5000 h Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Not applicable Product Data Order product name WT050C LED43S/840 PSU L1500 Full product code 871016333921499 Order code Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack EAN/UPC - Product/Case 8710163339214		
Control gear failure rate at median useful life 7.5 % 50000 h Lumen maintenance at median useful life* Not applicable 50000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Suitable for random switching Not applicable Product Data Order product name WT050C LED43S/840 PSU L1500 Full product code 871016333921499 Order code 911401802680 Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214	Over Time Performance (IEC Compliant)
50000 h Lumen maintenance at median useful life* Not applicable 50000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Suitable for random switching Not applicable Product Data Order product name WT050C LED43S/840 PSU L1500 Full product name WT050C LED43S/840 PSU L1500 Full product code 871016333921499 Order code 911401802680 Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214	Driver failure rate at 5000 h	0.0015 %
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Suitable for random switching Not applicable Product Data Order product name WT050C LED43S/840 PSU L1500 Full product name WT050C LED43S/840 PSU L1500 Full product code 871016333921499 Order code 911401802680 Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214	Control gear failure rate at median useful life	7.5 %
Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Suitable for random switching Not applicable Product Data Order product name WT050C LED43S/840 PSU L1500 Full product name WT050C LED43S/840 PSU L1500 Full product code 871016333921499 Order code 911401802680 Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214	50000 h	
Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Suitable for random switching Not applicable Product Data Order product name WT050C LED43S/840 PSU L1500 Full product name WT050C LED43S/840 PSU L1500 Full product code 871016333921499 Order code 911401802680 Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214	Lumen maintenance at median useful life*	Not applicable
Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Suitable for random switching Not applicable Product Data Order product name WT050C LED43S/840 PSU L1500 Full product name WT050C LED43S/840 PSU L1500 Full product code 871016333921499 Order code 911401802680 Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214	50000 h	
Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Suitable for random switching Not applicable Product Data Order product name WT050C LED43S/840 PSU L1500 Full product name WT050C LED43S/840 PSU L1500 Full product code 871016333921499 Order code 911401802680 Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214		
Maximum dim level Suitable for random switching Not applicable Product Data Order product name WT050C LED43S/840 PSU L1500 Full product name WT050C LED43S/840 PSU L1500 Full product code 871016333921499 Order code 911401802680 Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214	Application Conditions	
Suitable for random switching Product Data Order product name WT050C LED43S/840 PSU L1500 Full product name WT050C LED43S/840 PSU L1500 Full product code 871016333921499 Order code 911401802680 Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214	Performance ambient temperature Tq	25 ℃
Product Data WT050C LED43S/840 PSU L1500 Full product name WT050C LED43S/840 PSU L1500 Full product code 871016333921499 Order code 911401802680 Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214	Maximum dim level	Not applicable
Order product name WT050C LED43S/840 PSU L1500 Full product name WT050C LED43S/840 PSU L1500 Full product code 8710163333921499 Order code 911401802680 Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214	Suitable for random switching	Not applicable
Order product name WT050C LED43S/840 PSU L1500 Full product name WT050C LED43S/840 PSU L1500 Full product code 8710163333921499 Order code 911401802680 Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214		
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Material Nr. (12NC) 911401802680 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 87101633339214	Full product code	871016333921499
Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8710163339214	Order code	911401802680
EAN/UPC - Product/Case 8710163339214	Material Nr. (12NC)	911401802680
	Numerator - Quantity Per Pack	1
Numerator - Packs per outer box 6	EAN/UPC - Product/Case	8710163339214
	Numerator - Packs per outer box	6
EAN/UPC - Case 8710163339221	EAN/UPC - Case	8710163339221

Dimensional drawing



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