



Ledinaire Waterproof – Simply great LED

Ledinaire Waterproof

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.

Benefits

- Philips quality and reliability
- Energy saving
- Diffuse comfortable light

Features

- Robust (IK08) and waterproof (IP65) luminaire
- Multiple lengths and light levels available
- Mounting bracket can be positioned over full length of luminaire

Application

- Covered car parks
- Industrial halls (up to 4 m in height)
- (Cold) storage rooms

Specifications

Type	WT060C
Light source	Non-replaceable and non-serviceable LED luminaire
Power	LED18S: 19 W
	LED36S: 36 W
	LED56S: 56 W
Beam angle	Lambertian beam

Luminous flux	LED18S: 1800 lm
	LED36S: 3600 lm
	LED56S: 5600 lm
Correlated Color	4000 K (Neutral white)
Temperature	
Color Rendering Index	> 80

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Lumen maintenance at median useful life*	L65 50000 h
Control gear failure rate at median useful life	7.5% 50000 h
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	-20 to +30 °C
Driver	Built-in, none-replaceable and non-serviceable led driver
Mains voltage	220-240 V / 50-60 Hz

Dimming	Not dimmable
Material	Housing: polycarbonate, co-extrusion End caps: polycarbonate
Color	Light gray (RAL7035)
Optical cover	Polycarbonate diffuser
Connection	Screw connection with cable gland
Maintenance	No internal cleaning required Light source and driver are non-serviceable
Installation	Fixation by mounting brackets Mounting brackets can be positioned over full length of the luminaire Through-wiring possible; dedicated 'TWI' versions available

Versions

840 neutral white - Power supply unit



840 neutral white - Power supply unit



840 neutral white - Power supply unit



840 neutral white - Power supply unit



840 neutral white - Power supply unit



840 neutral white - Power supply unit



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Versions



Product details



Click-on connector

Easy to install



Ledinaire Waterproof

Product details



Easy connection

Application Conditions

Ambient temperature range	-20 to +40 °C
Suitable for random switching	No

Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP65

Controls and Dimming

Dimmable	No
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General Information

Beam angle of light source	- °
CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	-
Flammability mark	For mounting on easy flammable surfaces
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Number of gear units	-
Optic type	-

Initial Performance (IEC Compliant)

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

Mechanical and Housing

Color	Gray
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Application Conditions

Order Code	Full Product Name	Maximum dim level
912401483225	WT060C LED18S/840 PSU L600	Not applicable
912401483226	WT060C LED18S/840 PSU TW1 L600	Not applicable
912401483227	WT060C LED36S/840 PSU L1200	Not applicable
912401483228	WT060C LED36S/840 PSU TW1 L1200	Not applicable
912401483229	WT060C LED56S/840 PSU L1500	Not applicable
912401483230	WT060C LED56S/840 PSU TW1 L1500	Not applicable
912401483248	WT055C LED18S/840 PSU L600	-
912401483249	WT055C LED18S/840 PSU TW1 L600	-
912401483250	WT055C LED36S/840 PSU L1200	-
912401483251	WT055C LED36S/840 PSU TW1 L1200	-
912401483252	WT055C LED56S/840 PSU L1500	-
912401483253	WT055C LED56S/840 PSU TW1 L1500	-

Operating and Electrical

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Order Code	Full Product Name	Input Voltage
912401483225	WT060C LED18S/840 PSU L600	220-240 V
912401483226	WT060C LED18S/840 PSU TW1 L600	220-240 V
912401483227	WT060C LED36S/840 PSU L1200	220-240 V
912401483228	WT060C LED36S/840 PSU TW1 L1200	220-240 V
912401483229	WT060C LED56S/840 PSU L1500	220-240 V
912401483230	WT060C LED56S/840 PSU TW1 L1500	220-240 V

Order Code	Full Product Name	Input Voltage
912401483248	WT055C LED18S/840 PSU L600	220 to 240 V
912401483249	WT055C LED18S/840 PSU TW1 L600	220 to 240 V
912401483250	WT055C LED36S/840 PSU L1200	220 to 240 V
912401483251	WT055C LED36S/840 PSU TW1 L1200	220 to 240 V
912401483252	WT055C LED56S/840 PSU L1500	220 to 240 V
912401483253	WT055C LED56S/840 PSU TW1 L1500	220 to 240 V

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux	Initial input power
912401483225	WT060C LED18S/840 PSU L600	1800 lm	16.5 W
912401483226	WT060C LED18S/840 PSU TW1 L600	1800 lm	16.5 W
912401483227	WT060C LED36S/840 PSU L1200	3600 lm	33 W
912401483228	WT060C LED36S/840 PSU TW1 L1200	3600 lm	33 W
912401483229	WT060C LED56S/840 PSU L1500	5600 lm	51 W
912401483230	WT060C LED56S/840 PSU TW1 L1500	5600 lm	51 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
912401483248	WT055C LED18S/840 PSU L600	1800 lm	16.5 W
912401483249	WT055C LED18S/840 PSU TW1 L600	1800 lm	16.5 W
912401483250	WT055C LED36S/840 PSU L1200	3600 lm	33 W
912401483251	WT055C LED36S/840 PSU TW1 L1200	3600 lm	33 W
912401483252	WT055C LED56S/840 PSU L1500	5600 lm	51 W
912401483253	WT055C LED56S/840 PSU TW1 L1500	5600 lm	51 W

