



Ledinaire Waterproof – Simply great LED

Ledinaire Waterproof WT060C

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
Median useful life L70B50	30,000 hours
Median useful life L80B50	15,000 hours

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Median useful life L90B50	10,000 hours
Average ambient temperature	+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 'TW1' versions available

Versions



Waterproof WT060C



Waterproof WT060C

Product details



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Application Conditions

Ambient temperature range	-20 to +30 °C
Maximum dim level	Not applicable
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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Operating and Electrical

Input Voltage	220-240 V
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General Information

Beam angle of light source	- °
CE mark	CE mark
Protection class IEC	Safety class I
Driver included	Yes
ENEC mark	-
Flammability mark	For mounting on easy flammable surfaces
Glow-wire test	Temperature 850 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	-

Initial Performance (IEC Compliant)

Initial chromaticy	(0.38, 0.38) SDCM <5
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Color	Gray
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Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1.5 %
Median useful life L80B50	15000 h
Median useful life L90B50	10000 h

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire		
		efficacy	Initial luminous flux	Initial input power
910503910293	WT060C LED18S/840 PSU L600	95 lm/W	1800 lm	19 W
910503910294	WT060C LED18S/840 PSU TW1 L600	95 lm/W	1800 lm	19 W
910503910295	WT060C LED36S/840 PSU L1200	100 lm/W	3600 lm	36 W
910503910296	WT060C LED36S/840 PSU TW1 L1200	100 lm/W	3600 lm	36 W
910503910297	WT060C LED56S/840 PSU L1500	100 lm/W	5600 lm	56 W
910503910298	WT060C LED56S/840 PSU TW1 L1500	100 lm/W	5600 lm	56 W

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