



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 'TW1' versions available

Versions



840 neutral white - Power supply unit



840 neutral white - Power supply unit



840 neutral white - Power supply unit

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Application Conditions

Ambient temperature range	-20 to +45 °C
Maximum dim level	Not applicable

Approval and Application

Mech. impact protection code	IK08
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Controls and Dimming

Dimmable	No
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General Information

CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	-
Light source replaceable	No

Initial Performance (IEC Compliant)

Init. Color Rendering Index	>80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Color	Gray and white
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Order Code	Full Product Name	Driver failure rate at 5000 h
911401802680	WT050C LED43S/840 PSU L1500	0.0015 %
911401876480	WT060C LED18S/840 PSU L600	-
911401876680	WT060C LED36S/840 PSU L1200	-
911401876780	WT060C LED36S/840 PSU TW1 L1200	-
911401877280	WT060C LED36S/865 PSU L1200	-
911401892780	WT060C LED25S/840 PSU L1200	-
911401892880	WT060C LED25S/840 PSU TW1 L1200	-
911401876880	WT060C LED56S/840 PSU L1500	-
911401876980	WT060C LED56S/840 PSU TW1 L1500	-
911401877480	WT060C LED56S/865 PSU L1500	-
911401892980	WT060C LED34S/840 PSU L1500	-
911401893080	WT060C LED34S/840 PSU TW1 L1500	-
911401893180	WT060C LED 80S/840 PSU L1800	-

Application Conditions

Order Code	Full Product Name	Suitable for random switching
911401802680	WT050C LED43S/840 PSU L1500	Not applicable
911401876480	WT060C LED18S/840 PSU L600	Yes
911401876680	WT060C LED36S/840 PSU L1200	Yes
911401876780	WT060C LED36S/840 PSU TW1 L1200	Yes
911401877280	WT060C LED36S/865 PSU L1200	Yes
911401892780	WT060C LED25S/840 PSU L1200	Yes
911401892880	WT060C LED25S/840 PSU TW1 L1200	Yes

Order Code	Full Product Name	Suitable for random switching
911401876880	WT060C LED56S/840 PSU L1500	Yes
911401876980	WT060C LED56S/840 PSU TW1 L1500	Yes
911401877480	WT060C LED56S/865 PSU L1500	Yes
911401892980	WT060C LED34S/840 PSU L1500	Yes
911401893080	WT060C LED34S/840 PSU TW1 L1500	Yes
911401893180	WT060C LED 80S/840 PSU L1800	Yes

Approval and Application

Order Code	Full Product Name	Ingress protection code
911401802680	WT050C LED43S/840 PSU L1500	IP65
911401876480	WT060C LED18S/840 PSU L600	IP66
911401876680	WT060C LED36S/840 PSU L1200	IP66
911401876780	WT060C LED36S/840 PSU TW1 L1200	IP66
911401877280	WT060C LED36S/865 PSU L1200	IP66
911401892780	WT060C LED25S/840 PSU L1200	IP66
911401892880	WT060C LED25S/840 PSU TW1 L1200	IP66

Order Code	Full Product Name	Ingress protection code
911401876880	WT060C LED56S/840 PSU L1500	IP66
911401876980	WT060C LED56S/840 PSU TW1 L1500	IP66
911401877480	WT060C LED56S/865 PSU L1500	IP66
911401892980	WT060C LED34S/840 PSU L1500	IP66
911401893080	WT060C LED34S/840 PSU TW1 L1500	IP66
911401893180	WT060C LED 80S/840 PSU L1800	IP66

Operating and Electrical

Order Code	Full Product Name	Input Voltage
911401802680	WT050C LED43S/840 PSU L1500	220-240 V
911401876480	WT060C LED18S/840 PSU L600	220 to 240 V
911401876680	WT060C LED36S/840 PSU L1200	220 to 240 V

Order Code	Full Product Name	Input Voltage
911401876780	WT060C LED36S/840 PSU TW1 L1200	220 to 240 V
911401877280	WT060C LED36S/865 PSU L1200	220 to 240 V
911401892780	WT060C LED25S/840 PSU L1200	220 to 240 V

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Order Code	Full Product Name	Input Voltage
911401892880	WT060C LED25S/840 PSU TW1 L1200	220 to 240 V
911401876880	WT060C LED56S/840 PSU L1500	220 to 240 V
911401876980	WT060C LED56S/840 PSU TW1 L1500	220 to 240 V
911401877480	WT060C LED56S/865 PSU L1500	220 to 240 V

Order Code	Full Product Name	Input Voltage
911401892980	WT060C LED34S/840 PSU L1500	220 to 240 V
911401893080	WT060C LED34S/840 PSU TW1 L1500	220 to 240 V
911401893180	WT060C LED 80S/840 PSU L1800	220 to 240 V

General Information (1/2)

Order Code	Full Product Name	Beam angle of light source	Flammability mark	Glow-wire test	Number of gear units
911401802680	WT050C LED43S/840 PSU L1500	140 °	-	Temperature 650 °C, duration 30 s	2 units
911401876480	WT060C LED18S/840 PSU L600	120 °	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s	1 unit
911401876680	WT060C LED36S/840 PSU L1200	120 °	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s	1 unit
911401876780	WT060C LED36S/840 PSU TW1 L1200	120 °	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s	1 unit
911401877280	WT060C LED36S/865 PSU L1200	120 °	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s	1 unit
911401892780	WT060C LED25S/840 PSU L1200	120 °	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s	1 unit
911401892880	WT060C LED25S/840	120 °	For mounting on normally	Temperature 850 °C, duration 30 s	1 unit

Order Code	Full Product Name	Beam angle of light source	Flammability mark	Glow-wire test	Number of gear units
	PSU TW1 L1200		flammable surfaces		
911401876880	WT060C LED56S/840 PSU L1500	120 °	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s	1 unit
911401876980	WT060C LED56S/840 PSU TW1 L1500	120 °	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s	1 unit
911401877480	WT060C LED56S/865 PSU L1500	120 °	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s	1 unit
911401892980	WT060C LED34S/840 PSU L1500	120 °	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s	1 unit
911401893080	WT060C LED34S/840 PSU TW1 L1500	120 °	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s	1 unit
911401893180	WT060C LED 80S/840 PSU L1800	120 °	For mounting on normally flammable surfaces	Temperature 850 °C, duration 30 s	1 unit

General Information (2/2)

Order Code	Full Product Name	Optic type	Service tag
911401802680	WT050C LED43S/840 PSU L1500	Beam angle 120°	-
911401876480	WT060C LED18S/840 PSU L600	Symmetrical	No
911401876680	WT060C LED36S/840 PSU L1200	Symmetrical	No
911401876780	WT060C LED36S/840 PSU TW1 L1200	Symmetrical	No
911401877280	WT060C LED36S/865 PSU L1200	Symmetrical	No
911401892780	WT060C LED25S/840 PSU L1200	Symmetrical	No
911401892880	WT060C LED25S/840 PSU TW1 L1200	Symmetrical	No

Order Code	Full Product Name	Optic type	Service tag
911401876880	WT060C LED56S/840 PSU L1500	Symmetrical	No
911401876980	WT060C LED56S/840 PSU TW1 L1500	Symmetrical	No
911401877480	WT060C LED56S/865 PSU L1500	Symmetrical	No
911401892980	WT060C LED34S/840 PSU L1500	Symmetrical	No
911401893080	WT060C LED34S/840 PSU TW1 L1500	Symmetrical	No
911401893180	WT060C LED 80S/840 PSU L1800	Symmetrical	No

Initial Performance (IEC Compliant) (1/2)

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
911401802680	WT050C LED43S/840 PSU L1500	0.3874, 0.3830	4000 K	90 lm/W	4300 lm
911401876480	WT060C LED18S/840 PSU L600	<5	4000 K	120 lm/W	1800 lm
911401876680	WT060C LED36S/840 PSU L1200	<5	4000 K	120 lm/W	3600 lm
911401876780	WT060C LED36S/840 PSU TW1 L1200	<5	4000 K	120 lm/W	3600 lm
911401877280	WT060C LED36S/865 PSU L1200	<5	6500 K	120 lm/W	3600 lm
911401892780	WT060C LED25S/840 PSU L1200	<5	4000 K	120 lm/W	2500 lm
911401892880	WT060C LED25S/840	<5	4000 K	120 lm/W	2500 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
	PSU TW1 L1200				
911401876880	WT060C LED56S/840 PSU L1500	<5	4000 K	120 lm/W	5600 lm
911401876980	WT060C LED56S/840 PSU TW1 L1500	<5	4000 K	120 lm/W	5600 lm
911401877480	WT060C LED56S/865 PSU L1500	<5	6500 K	120 lm/W	5600 lm
911401892980	WT060C LED34S/840 PSU L1500	<5	4000 K	120 lm/W	3400 lm
911401893080	WT060C LED34S/840 PSU TW1 L1500	<5	4000 K	120 lm/W	3400 lm
911401893180	WT060C LED 80S/840 PSU L1800	<5	4000 K	120 lm/W	8000 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401802680	WT050C LED43S/840 PSU L1500	45 W
911401876480	WT060C LED18S/840 PSU L600	15 W
911401876680	WT060C LED36S/840 PSU L1200	30 W
911401876780	WT060C LED36S/840 PSU TW1 L1200	30 W
911401877280	WT060C LED36S/865 PSU L1200	30 W
911401892780	WT060C LED25S/840 PSU L1200	20 W
911401892880	WT060C LED25S/840 PSU TW1 L1200	20 W

Order Code	Full Product Name	Initial input power
911401876880	WT060C LED56S/840 PSU L1500	46 W
911401876980	WT060C LED56S/840 PSU TW1 L1500	46 W
911401877480	WT060C LED56S/865 PSU L1500	46 W
911401892980	WT060C LED34S/840 PSU L1500	28 W
911401893080	WT060C LED34S/840 PSU TW1 L1500	28 W
911401893180	WT060C LED 80S/840 PSU L1800	65 W

