PHILIPS Lighting



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

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

Specifications

Туре	WT060C	Luminous flux	LED18S: 1800 lm	
Light source	Non-replaceable and non-serviceable LED luminaire	_	LED36S: 3600 lm	
Power	LED18S: 19 W		LED56S: 5600 lm	
	LED36S: 36 W	Correlated Color	4000 K (Neutral white)	
	LED56S: 56 W	Temperature		
Beam angle	Lambertian beam	Color Rendering Index > 80		

Lumen maintenance a	at L65	Dimming	Not dimmable
median useful life*		Material	Housing: polycarbonate, co-extrusion
50000 h			End caps: polycarbonate
Control gear failure ra	ate 7.5%	Color	Light gray (RAL7035)
at median useful life		Optical cover	Polycarbonate diffuser
50000 h		Connection	Screw connection with cable gland
Performance Ambien	t +25 °C	Maintenance	No internal cleaning required
Temperature Tq			Light source and driver are non-serviceable
Operating temperatu	re -20 to +30 °C	Installation	Fixation by mounting brackets
range			Mounting brackets can be positioned over full length of the
Driver	Built-in, none-replaceable and non-serviceable led driver	-	luminaire
Mains voltage	220-240 V / 50-60 Hz	-	Through-wiring possible; dedicated 'TW1' versions availabl

Versions





840 neutral white - Power supply unit



840 neutral white - Power supply unit

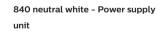


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840 neutral white - Power supply unit



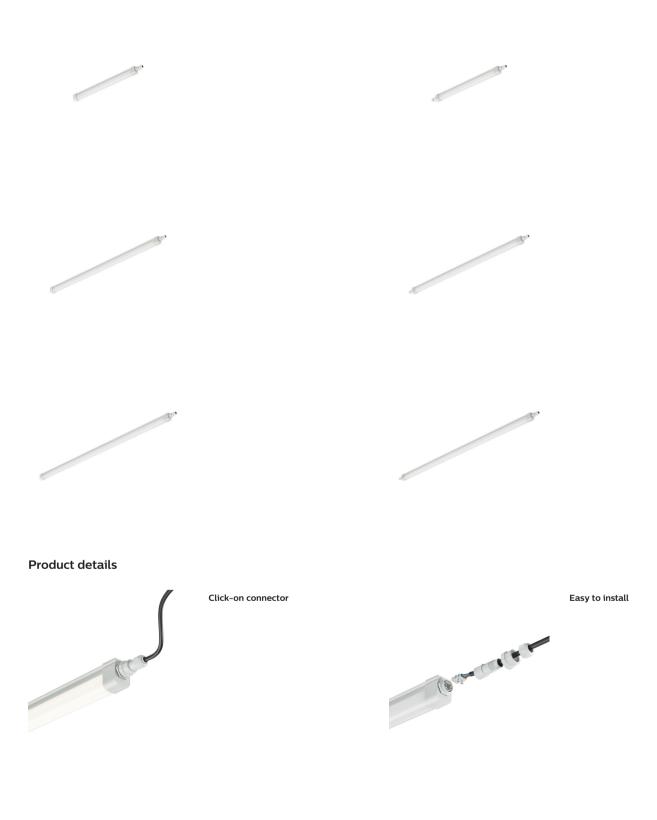
840 neutral white - Power supply unit



840 neutral white - Power supply unit



Versions



Product details



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
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	surfaces Temperature 650
Glow-wire test	
Glow-wire test Light source replaceable	Temperature 650
	Temperature 650 °C, duration 5 s
Light source replaceable	Temperature 650 °C, duration 5 s
Light source replaceable Number of gear units	Temperature 650 °C, duration 5 s
Light source replaceable Number of gear units	Temperature 650 °C, duration 5 s No - -
Light source replaceable Number of gear units Optic type	Temperature 650 °C, duration 5 s No - -
Light source replaceable Number of gear units Optic type Initial Performance (IEC Compliant	Temperature 650 °C, duration 5 s No - -
Light source replaceable Number of gear units Optic type Initial Performance (IEC Compliant	Temperature 650 °C, duration 5 s No - - (0.3896, 0.3888)
Light source replaceable Number of gear units Optic type Initial Performance (IEC Compliant Initial chromaticy Init. Corr. Color Temperature Init. Color Rendering Index	Temperature 650 °C, duration 5 s No - - (0.3896, 0.3888) SDCM ≦5 4000 K ≥80
Light source replaceable Number of gear units Optic type Initial Performance (IEC Compliant Initial chromaticy Init. Corr. Color Temperature Init. Color Rendering Index Initial LED luminaire efficacy	Temperature 650 °C, duration 5 s No - - - (0.3896, 0.3888) SDCM ≦5 4000 K ≥80 110 lm/W
Light source replaceable Number of gear units Optic type Initial Performance (IEC Compliant Initial chromaticy Init. Corr. Color Temperature Init. Color Rendering Index	Temperature 650 °C, duration 5 s No - - (0.3896, 0.3888) SDCM ≦5 4000 K ≥80
Light source replaceable Number of gear units Optic type Initial Performance (IEC Compliant Initial chromaticy Init. Corr. Color Temperature Init. Color Rendering Index Initial LED luminaire efficacy Luminous flux tolerance	Temperature 650 °C, duration 5 s No - - - (0.3896, 0.3888) SDCM ≦5 4000 K ≥80 110 lm/W
Light source replaceable Number of gear units Optic type Initial Performance (IEC Compliant Initial chromaticy Init. Corr. Color Temperature Init. Color Rendering Index Initial LED luminaire efficacy Luminous flux tolerance Mechanical and Housing	Temperature 650 °C, duration 5 s No - - - (0.3896, 0.3888) SDCM ≦5 4000 K ≥80 110 lm/W
Light source replaceable Number of gear units Optic type Initial Performance (IEC Compliant Initial chromaticy Init. Corr. Color Temperature Init. Color Rendering Index Initial LED luminaire efficacy Luminous flux tolerance	Temperature 650 °C, duration 5 s No - - - (0.3896, 0.3888) SDCM ≦5 4000 K ≥80 110 lm/W

Application Conditions

Full Product Name	Maximum dim level
WT060C LED18S/840 PSU L600	Not applicable
WT060C LED18S/840 PSU TW1 L600	Not applicable
WT060C LED36S/840 PSU L1200	Not applicable
WT060C LED36S/840 PSU TW1 L1200	Not applicable
WT060C LED56S/840 PSU L1500	Not applicable
WT060C LED56S/840 PSU TW1 L1500	Not applicable
WT055C LED18S/840 PSU L600	-
WT055C LED18S/840 PSU TW1 L600	-
WT055C LED36S/840 PSU L1200	-
WT055C LED36S/840 PSU TW1 L1200	-
WT055C LED56S/840 PSU L1500	-
WT055C LED56S/840 PSU TW1 L1500	-
	WT060C LED18S/840 PSU L600 WT060C LED18S/840 PSU TW1 L600 WT060C LED36S/840 PSU L1200 WT060C LED36S/840 PSU TW1 L1200 WT060C LED56S/840 PSU L1500 WT060C LED56S/840 PSU L1500 WT055C LED18S/840 PSU L000 WT055C LED36S/840 PSU TW1 L600 WT055C LED36S/840 PSU TW1 L1200 WT055C LED36S/840 PSU TW1 L1200 WT055C LED36S/840 PSU TW1 L1200 WT055C LED36S/840 PSU TW1 L1200

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Order Code	Full Product Name	Input Vol
912401483225	WT060C LED18S/840 PSU L600	220-240 V	912401483248	WT055C LED18S/840 PSU L600	220 to 24
912401483226	WT060C LED18S/840 PSU TW1 L600	220-240 V	912401483249	WT055C LED18S/840 PSU TW1 L600	220 to 24
912401483227	WT060C LED36S/840 PSU L1200	220-240 V	912401483250	WT055C LED36S/840 PSU L1200	220 to 24
912401483228	WT060C LED36S/840 PSU TW1 L1200	220-240 V	912401483251	WT055C LED36S/840 PSU TW1 L1200	220 to 24
912401483229	WT060C LED56S/840 PSU L1500	220-240 V	912401483252	WT055C LED56S/840 PSU L1500	220 to 24
912401483230	WT060C LED56S/840 PSU TW1 L1500	220-240 V	912401483253	WT055C LED56S/840 PSU TW1 L1500	220 to 24

Initial Performance (IEC Compliant)

		Initial luminous	Initial input
Order Code	Full Product Name	flux	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

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



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www.lighting.philips.com 2019, April 26 - data subject to change