



Energy-efficient lighting for industrial and commercial applications

GreenUp Waterproof

GreenUp Waterproof is a high efficient and reliable LED luminaire, designed for industrial application with humid and dust protection requirement. It delivers significant energy savings of up to 62% as compared to conventional dual-T8 waterproof. Utilization of UV-shield PC and extrusion process makes it suitable for semi-outdoor environments, and together with the built-in breather ensure a sound performance. With professional optic design and Philips LED module gives the most comfortable light experience of CRI 85.

Benefits

- High energy efficient
- Long lifetime
- Flexible installation

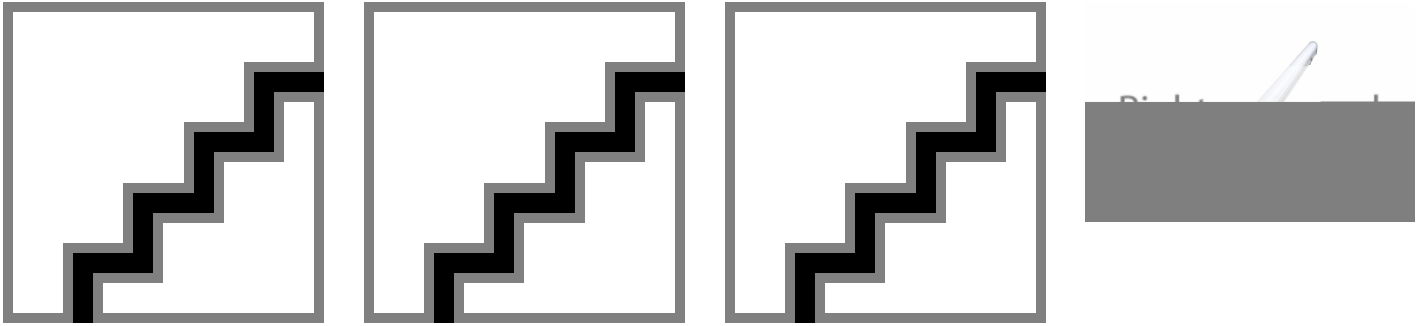
Features

- System efficacy of 105lm/W
- 40,000hrs lifetime (Philips Lumileds and Xitanium®)
- CRI 85 (Professional optic design and Philips LED module)
- Sliding groove for installation
- UV-shield PC and extrusion process, and built-in breather

Application

- Industry
- Corridors / walkways
- Indoor car parks

Versions



WT118C LED9/LED18

Application Conditions	
Ambient temperature range	-20 to +40 °C
Approval and Application	
Mech. impact protection code	IK06
Ingress protection code	IP65
Operating and Electrical	
Input Voltage	220 to 240 V
General Information	
CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	O
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Gear	-
Light source replaceable	No
Number of gear units	1 unit
UL mark	-
Mechanical and Housing	
Color	Gray and white

Application Conditions

Order Code	Full Product Name	Maximum dim level
911401549221	WT118C LED36 CW PSU L1200	Not applicable
911401549321	WT118C LED18 CW PSU L1200	Not applicable
911401549421	WT118C LED36 NW PSU L1200	Not applicable
911401549521	WT118C LED18 NW PSU L1200	Not applicable
911401551221	WT118C LED36 NW PSD L1200	1% (depends on dimmer, ELV)
911401549721	WT118C LED9 CW PSU L600	Not applicable
911401549921	WT118C LED9 NW PSU L600	Not applicable
911401551621	WT118C LED18 NW PSD L600	1% (depends on dimmer, ELV)
911401550021	WT118C LED45 CW PSU L1500	Not applicable
911401551921	WT118C LED45 NW PSD L1500	1% (depends on dimmer, ELV)
911401821199	WT118C LED45 NW PSU L1500 ENG	-
911401822499	WT118C LED45 CW PSD L1500 ENG	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
911401549221	WT118C LED36 CW PSU L1200	No	911401549921	WT118C LED9 NW PSU L600	No
911401549321	WT118C LED18 CW PSU L1200	No	911401551621	WT118C LED18 NW PSD L600	Yes
911401549421	WT118C LED36 NW PSU L1200	No	911401550021	WT118C LED45 CW PSU L1500	No
911401549521	WT118C LED18 NW PSU L1200	No	911401551921	WT118C LED45 NW PSD L1500	Yes
911401551221	WT118C LED36 NW PSD L1200	Yes	911401821199	WT118C LED45 NW PSU L1500 ENG	No
911401549721	WT118C LED9 CW PSU L600	No	911401822499	WT118C LED45 CW PSD L1500 ENG	Yes

General Information

GreenUp Waterproof

Order Code	Full Product Name	Beam angle of light		Lamp	Optic type
		source	Glow-wire test	family code	
911401549221	WT118C LED36 CW PSU L1200	-	650/30	LED38S	WB
911401549321	WT118C LED18 CW PSU L1200	-	650/30	LED18S	WB
911401549421	WT118C LED36 NW PSU L1200	-	650/30	LED38S	WB
911401549521	WT118C LED18 NW PSU L1200	-	650/30	LED18S	WB
911401551221	WT118C LED36 NW PSD L1200	-	650/30	LED38S	WB
911401549721	WT118C LED9 CW PSU L600	-	650/30	-	WB

Order Code	Full Product Name	Beam angle of light		Lamp	Optic type
		source	Glow-wire test	family code	
911401549921	WT118C LED9 NW PSU L600	-	650/30	-	WB
911401551621	WT118C LED18 NW PSD L600	-	650/30	-	WB
911401550021	WT118C LED45 CW PSU L1500	-	650/30	LED48S	WB
911401551921	WT118C LED45 NW PSD L1500	-	650/30	LED48S	WB
911401821199	WT118C LED45 NW PSD L1500 ENG	120 °	650/5	LED48S	Symmetrical
911401822499	WT118C LED45 CW PSD L1500 ENG	120 °	650/5	LED48S	Symmetrical

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color	Initial LED
				Rendering Index	luminaire efficacy
911401549221	WT118C LED36 CW PSU L1200	-	6500 K	85	105.56 lm/W
911401549321	WT118C LED18 CW PSU L1200	-	6500 K	85	90 lm/W
911401549421	WT118C LED36 NW PSU L1200	-	4000 K	85	105.56 lm/W
911401549521	WT118C LED18 NW PSU L1200	-	4000 K	85	90 lm/W
911401551221	WT118C LED36 NW PSD L1200	-	4000 K	85	105.56 lm/W
911401549721	WT118C LED9 CW PSU L600	-	6500 K	85	90.91 lm/W
911401549921	WT118C LED9 NW PSU L600	-	4000 K	85	90.91 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color	Initial LED
				Rendering Index	luminaire efficacy
911401551621	WT118C LED18 NW PSD L600	-	4000 K	85	95.24 lm/W
911401550021	WT118C LED45 CW PSU L1500	-	6500 K	85	104.35 lm/W
911401551921	WT118C LED45 NW PSD L1500	-	4000 K	85	104.35 lm/W
911401821199	WT118C LED45 NW PSD L1500 ENG	SDCM<5	4000 K	>80	104.35 lm/W
911401822499	WT118C LED45 CW PSD L1500 ENG	SDCM<5	6500 K	>80	104.35 lm/W

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial luminous flux	Luminous	Initial input
			flux tolerance	power
911401549221	WT118C LED36 CW PSU L1200	3800 lm	+/-7.5%	36 W

Order Code	Full Product Name	Initial luminous flux	Luminous	Initial input
			flux tolerance	power
911401549321	WT118C LED18 CW PSU L1200	1800 lm	+/-7.5%	20 W

Order Code	Full Product Name	Initial luminous flux	Luminous flux tolerance	Initial input power
911401549421	WT118C LED36 NW PSU L1200	3800 lm	+/-7.5%	36 W
911401549521	WT118C LED18 NW PSU L1200	1800 lm	+/-7.5%	20 W
911401551221	WT118C LED36 NW PSD L1200	3800 lm	+/-7.5%	36 W
911401549721	WT118C LED9 CW PSU L600	1000 lm	+/-7.5%	11 W
911401549921	WT118C LED9 NW PSU L600	1000 lm	+/-7.5%	11 W

Order Code	Full Product Name	Initial luminous flux	Luminous flux tolerance	Initial input power
911401551621	WT118C LED18 NW PSD L600	2000 lm	+/-7.5%	21 W
911401550021	WT118C LED45 CW PSU L1500	4800 lm	+/-7.5%	46 W
911401551921	WT118C LED45 NW PSD L1500	4800 lm	+/-7.5%	46 W
911401821199	WT118C LED45 NW PSU L1500 ENG	4800 lm	+/-10%	46 W
911401822499	WT118C LED45 CW PSD L1500 ENG	4800 lm	+/-10%	46 W

Order Code	Full Product Name	Driver failure rate at 5000 h
911401549221	WT118C LED36 CW PSU L1200	-
911401549321	WT118C LED18 CW PSU L1200	-
911401549421	WT118C LED36 NW PSU L1200	-
911401549521	WT118C LED18 NW PSU L1200	-
911401551221	WT118C LED36 NW PSD L1200	-
911401549721	WT118C LED9 CW PSU L600	-

Order Code	Full Product Name	Driver failure rate at 5000 h
911401549921	WT118C LED9 NW PSU L600	-
911401551621	WT118C LED18 NW PSD L600	-
911401550021	WT118C LED45 CW PSU L1500	-
911401551921	WT118C LED45 NW PSD L1500	-
911401821199	WT118C LED45 NW PSU L1500 ENG	1 %
911401822499	WT118C LED45 CW PSD L1500 ENG	1 %

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Median useful life L80B50	Median useful life L90B50
911401549221	WT118C LED36 CW PSU L1200	-	-
911401549321	WT118C LED18 CW PSU L1200	-	-
911401549421	WT118C LED36 NW PSU L1200	-	-
911401549521	WT118C LED18 NW PSU L1200	-	-
911401551221	WT118C LED36 NW PSD L1200	-	-
911401549721	WT118C LED9 CW PSU L600	-	-

Order Code	Full Product Name	Median useful life L80B50	Median useful life L90B50
911401549921	WT118C LED9 NW PSU L600	-	-
911401551621	WT118C LED18 NW PSD L600	-	-
911401550021	WT118C LED45 CW PSU L1500	-	-
911401551921	WT118C LED45 NW PSD L1500	-	-
911401821199	WT118C LED45 NW PSU L1500 ENG	38000 h	35000 h
911401822499	WT118C LED45 CW PSD L1500 ENG	38000 h	35000 h

