



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

GreenUp Waterproof G2

GreenUp Waterproof G2

GreenUp Waterproof G2

Operating and Electrical

Input Voltage 220 to 240 V

Initial Performance (IEC Compliant)

Init. Color Rendering Index >80

Luminous flux tolerance +/-10%

Mechanical and Housing

Color Gray and white

Application Conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dim level
911401821199	WT118C LED45 NW PSU L1500 ENG	-20 to +40 °C	-
911401822499	WT118C LED45 CW PSD L1500 ENG	-20 to +40 °C	1%
911401893980	WT158C LED18S/840 PSU L600 GC	-20 to +45 °C	-
911401894080	WT158C LED18S/840 PSU TW1 L600 GC	-20 to +45 °C	-
911401894580	WT158C LED18S/865 PSU L600 GC	-20 to +45 °C	-
911401894680	WT158C LED18S/865 PSU TW1 L600 GC	-20 to +45 °C	-
911401895380	WT158C LED18S/840 PSU L600 GM	-20 to +45 °C	-
911401895480	WT158C LED18S/840 PSU TW1 L600 GM	-20 to +45 °C	-
911401895980	WT158C LED18S/865 PSU L600 GM	-20 to +45 °C	-
911401896080	WT158C LED18S/865 PSU TW1 L600 GM	-20 to +45 °C	-
911401894180	WT158C LED36S/840 PSU L1200 GC	-20 to +45 °C	-

Order Code	Full Product Name	Ambient temperature range	Maximum dim level
911401894280	WT158C LED36S/840 PSU TW1 L1200 GC	-20 to +45 °C	-
911401894780	WT158C LED36S/865 PSU L1200 GC	-20 to +45 °C	-
911401894880	WT158C LED36S/865 PSU TW1 L1200 GC	-20 to +45 °C	-
911401895180	WT158C LED25S/840 PSU L1200 GC	-20 to +45 °C	-
911401895280	WT158C LED25S/840 PSU TW1 L1200 GC	-20 to +45 °C	-
911401895580	WT158C LED36S/840 PSU L1200 GM	-20 to +45 °C	-
911401895680	WT158C LED36S/840 PSU TW1 L1200 GM	-20 to +45 °C	-
911401896180	WT158C LED36S/865 PSU L1200 GM	-20 to +45 °C	-
911401896280	WT158C LED36S/865 PSU TW1 L1200 GM	-20 to +45 °C	-
911401896580	WT158C LED25S/840 PSU L1200 GM	-20 to +45 °C	-
911401896680	WT158C LED25S/840 PSU TW1 L1200 GM	-20 to +45 °C	-

Order Code	Full Product Name	Ambient temperature range	Maximum dim level
911401894380	WT158C LED56S/840 PSU L1500 GC	-20 to +45 °C	-
911401894480	WT158C LED56S/840 PSU TW1 L1500 GC	-20 to +45 °C	-
911401894980	WT158C LED56S/865 PSU L1500 GC	-20 to +45 °C	-
911401895080	WT158C LED56S/865 PSU TW1 L1500 GC	-20 to +45 °C	-

Order Code	Full Product Name	Ambient temperature range	Maximum dim level
911401895780	WT158C LED56S/840 PSU L1500 GM	-20 to +45 °C	-
911401895880	WT158C LED56S/840 PSU TW1 L1500 GM	-20 to +45 °C	-
911401896380	WT158C LED56S/865 PSU L1500 GM	-20 to +45 °C	-
911401896480	WT158C LED56S/865 PSU TW1 L1500 GM	-20 to +45 °C	-

Approval and Application

Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
911401821199	WT118C LED45 NW PSU L1500 ENG	IK06	IP65
911401822499	WT118C LED45 CW PSD L1500 ENG	IK06	IP65
911401893980	WT158C LED18S/840 PSU L600 GC	IK08	IP66
911401894080	WT158C LED18S/840 PSU TW1 L600 GC	IK08	IP66
911401894580	WT158C LED18S/865 PSU L600 GC	IK08	IP66
911401894680	WT158C LED18S/865 PSU TW1 L600 GC	IK08	IP66
911401895380	WT158C LED18S/840 PSU L600 GM	IK08	IP66
911401895480	WT158C LED18S/840 PSU TW1 L600 GM	IK08	IP66
911401895980	WT158C LED18S/865 PSU L600 GM	IK08	IP66
911401896080	WT158C LED18S/865 PSU TW1 L600 GM	IK08	IP66
911401894180	WT158C LED36S/840 PSU L1200 GC	IK08	IP66
911401894280	WT158C LED36S/840 PSU TW1 L1200 GC	IK08	IP66
911401894780	WT158C LED36S/865 PSU L1200 GC	IK08	IP66
911401894880	WT158C LED36S/865 PSU TW1 L1200 GC	IK08	IP66
911401895180	WT158C LED25S/840 PSU L1200 GC	IK08	IP66
911401895280	WT158C LED25S/840 PSU TW1 L1200 GC	IK08	IP66

Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
911401895580	WT158C LED36S/840 PSU L1200 GM	IK08	IP66
911401895680	WT158C LED36S/840 PSU TW1 L1200 GM	IK08	IP66
911401896180	WT158C LED36S/865 PSU L1200 GM	IK08	IP66
911401896280	WT158C LED36S/865 PSU TW1 L1200 GM	IK08	IP66
911401896580	WT158C LED25S/840 PSU L1200 GM	IK08	IP66
911401896680	WT158C LED25S/840 PSU TW1 L1200 GM	IK08	IP66
911401894380	WT158C LED56S/840 PSU L1500 GC	IK08	IP66
911401894480	WT158C LED56S/840 PSU TW1 L1500 GC	IK08	IP66
911401894980	WT158C LED56S/865 PSU L1500 GC	IK08	IP66
911401895080	WT158C LED56S/865 PSU TW1 L1500 GC	IK08	IP66
911401895780	WT158C LED56S/840 PSU L1500 GM	IK08	IP66
911401895880	WT158C LED56S/840 PSU TW1 L1500 GM	IK08	IP66
911401896380	WT158C LED56S/865 PSU L1500 GM	IK08	IP66
911401896480	WT158C LED56S/865 PSU TW1 L1500 GM	IK08	IP66

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401821199	WT118C LED45 NW PSU L1500 ENG	No
911401822499	WT118C LED45 CW PSD L1500 ENG	Yes
911401893980	WT158C LED18S/840 PSU L600 GC	No
911401894080	WT158C LED18S/840 PSU TW1 L600 GC	No
911401894580	WT158C LED18S/865 PSU L600 GC	No
911401894680	WT158C LED18S/865 PSU TW1 L600 GC	No
911401895380	WT158C LED18S/840 PSU L600 GM	No
911401895480	WT158C LED18S/840 PSU TW1 L600 GM	No
911401895980	WT158C LED18S/865 PSU L600 GM	No

Order Code	Full Product Name	Dimmable
911401896080	WT158C LED18S/865 PSU TW1 L600 GM	No
911401894180	WT158C LED36S/840 PSU L1200 GC	No
911401894280	WT158C LED36S/840 PSU TW1 L1200 GC	No
911401894780	WT158C LED36S/865 PSU L1200 GC	No
911401894880	WT158C LED36S/865 PSU TW1 L1200 GC	No
911401895180	WT158C LED25S/840 PSU L1200 GC	No
911401895280	WT158C LED25S/840 PSU TW1 L1200 GC	No
911401895580	WT158C LED36S/840 PSU L1200 GM	No
911401895680	WT158C LED36S/840 PSU TW1 L1200 GM	No

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
911401896180	WT158C LED36S/865 PSU L1200 GM	No	911401894980	WT158C LED56S/865 PSU L1500 GC	No
911401896280	WT158C LED36S/865 PSU TW1 L1200 GM	No	911401895080	WT158C LED56S/865 PSU TW1 L1500 GC	No
911401896580	WT158C LED25S/840 PSU L1200 GM	No	911401895780	WT158C LED56S/840 PSU L1500 GM	No
911401896680	WT158C LED25S/840 PSU TW1 L1200 GM	No	911401895880	WT158C LED56S/840 PSU TW1 L1500 GM	No
911401894380	WT158C LED56S/840 PSU L1500 GC	No	911401896380	WT158C LED56S/865 PSU L1500 GM	No
911401894480	WT158C LED56S/840 PSU TW1 L1500 GC	No	911401896480	WT158C LED56S/865 PSU TW1 L1500 GM	No

General Information (1/2)

Order Code	Full Product Name	Beam angle of light			Optical cover/lens				
		source	CE mark	Protection class IEC	type	Driver included	ENEC mark	Flammability mark	
911401821199	WT118C LED45 NW PSU L1500 ENG	120 °	CE mark	Safety class I	Opal	Yes	-	-	
911401822499	WT118C LED45 CW PSD L1500 ENG	120 °	CE mark	Safety class I	Opal	Yes	-	-	
911401893980	WT158C LED18S/840 PSU L600 GC	-	-	Safety class II	-	-	-	-	
911401894080	WT158C LED18S/840 PSU TW1 L600 GC	-	-	Safety class II	-	-	-	-	
911401894580	WT158C LED18S/865 PSU L600 GC	-	-	Safety class II	-	-	-	-	
911401894680	WT158C LED18S/865 PSU TW1 L600 GC	-	-	Safety class II	-	-	-	-	
911401895380	WT158C LED18S/840 PSU L600 GM	-	-	Safety class II	-	-	-	-	
911401895480	WT158C LED18S/840 PSU TW1 L600 GM	-	-	Safety class II	-	-	-	-	
911401895980	WT158C LED18S/865 PSU L600 GM	-	-	Safety class II	-	-	-	-	
911401896080	WT158C LED18S/865 PSU TW1 L600 GM	-	-	Safety class II	-	-	-	-	
911401894180	WT158C LED36S/840 PSU L1200 GC	-	-	Safety class II	-	-	-	-	
911401894280	WT158C LED36S/840 PSU TW1 L1200 GC	-	-	Safety class II	-	-	-	-	
911401894780	WT158C LED36S/865 PSU L1200 GC	-	-	Safety class II	-	-	-	-	
911401894880	WT158C LED36S/865 PSU TW1 L1200 GC	-	-	Safety class II	-	-	-	-	
911401895180	WT158C LED25S/840 PSU L1200 GC	-	-	Safety class II	-	-	-	-	
911401895280	WT158C LED25S/840 PSU TW1 L1200 GC	-	-	Safety class II	-	-	-	-	
911401895580	WT158C LED36S/840 PSU L1200 GM	-	-	Safety class II	-	-	-	-	
911401895680	WT158C LED36S/840 PSU TW1 L1200 GM	-	-	Safety class II	-	-	-	-	
911401896180	WT158C LED36S/865 PSU L1200 GM	-	-	Safety class II	-	-	-	-	
911401896280	WT158C LED36S/865 PSU TW1 L1200 GM	-	-	Safety class II	-	-	-	-	
911401896580	WT158C LED25S/840 PSU L1200 GM	-	-	Safety class II	-	-	-	-	
911401896680	WT158C LED25S/840 PSU TW1 L1200 GM	-	-	Safety class II	-	-	-	-	
911401894380	WT158C LED56S/840 PSU L1500 GC	-	-	Safety class II	-	-	-	-	
911401894480	WT158C LED56S/840 PSU TW1 L1500 GC	-	-	Safety class II	-	-	-	-	
911401894980	WT158C LED56S/865 PSU L1500 GC	-	-	Safety class II	-	-	-	-	
911401895080	WT158C LED56S/865 PSU TW1 L1500 GC	-	-	Safety class II	-	-	-	-	
911401895780	WT158C LED56S/840 PSU L1500 GM	-	-	Safety class II	-	-	-	-	
911401895880	WT158C LED56S/840 PSU TW1 L1500 GM	-	-	Safety class II	-	-	-	-	
911401896380	WT158C LED56S/865 PSU L1500 GM	-	-	Safety class II	-	-	-	-	
911401896480	WT158C LED56S/865 PSU TW1 L1500 GM	-	-	Safety class II	-	-	-	-	

General Information (2/2)

Order Code	Full Product Name	Gear	Glow-wire test	Lamp family code	Light source	Number of gear		Optic type	UL mark
					replaceable	units			
911401821199	WT118C LED45 NW PSU L1500 ENG	-	Temperature 650 °C, duration 5 s	LED48S	No	1 unit		Symmetrical	-
911401822499	WT118C LED45 CW PSD L1500 ENG	-	Temperature 650 °C, duration 5 s	LED48S	No	1 unit		Symmetrical	-
911401893980	WT158C LED18S/840 PSU L600 GC	-	-	-	-	-		-	-

Order Code	Full Product Name	Gear	Glow-wire test	Lamp family code	Light source	Number of gear	Optic type	UL mark
					replaceable	units		
911401894080	WT158C LED18S/840 PSU TW1 L600 GC	-	-	-	-	-	-	-
911401894580	WT158C LED18S/865 PSU L600 GC	-	-	-	-	-	-	-
911401894680	WT158C LED18S/865 PSU TW1 L600 GC	-	-	-	-	-	-	-
911401895380	WT158C LED18S/840 PSU L600 GM	-	-	-	-	-	-	-
911401895480	WT158C LED18S/840 PSU TW1 L600 GM	-	-	-	-	-	-	-
911401895980	WT158C LED18S/865 PSU L600 GM	-	-	-	-	-	-	-
911401896080	WT158C LED18S/865 PSU TW1 L600 GM	-	-	-	-	-	-	-
911401894180	WT158C LED36S/840 PSU L1200 GC	-	-	-	-	-	-	-
911401894280	WT158C LED36S/840 PSU TW1 L1200 GC	-	-	-	-	-	-	-
911401894780	WT158C LED36S/865 PSU L1200 GC	-	-	-	-	-	-	-
911401894880	WT158C LED36S/865 PSU TW1 L1200 GC	-	-	-	-	-	-	-
911401895180	WT158C LED25S/840 PSU L1200 GC	-	-	-	-	-	-	-
911401895280	WT158C LED25S/840 PSU TW1 L1200 GC	-	-	-	-	-	-	-
911401895580	WT158C LED36S/840 PSU L1200 GM	-	-	-	-	-	-	-
911401895680	WT158C LED36S/840 PSU TW1 L1200 GM	-	-	-	-	-	-	-
911401896180	WT158C LED36S/865 PSU L1200 GM	-	-	-	-	-	-	-
911401896280	WT158C LED36S/865 PSU TW1 L1200 GM	-	-	-	-	-	-	-
911401896580	WT158C LED25S/840 PSU L1200 GM	-	-	-	-	-	-	-
911401896680	WT158C LED25S/840 PSU TW1 L1200 GM	-	-	-	-	-	-	-
911401894380	WT158C LED56S/840 PSU L1500 GC	-	-	-	-	-	-	-
911401894480	WT158C LED56S/840 PSU TW1 L1500 GC	-	-	-	-	-	-	-
911401894980	WT158C LED56S/865 PSU L1500 GC	-	-	-	-	-	-	-
911401895080	WT158C LED56S/865 PSU TW1 L1500 GC	-	-	-	-	-	-	-
911401895780	WT158C LED56S/840 PSU L1500 GM	-	-	-	-	-	-	-
911401895880	WT158C LED56S/840 PSU TW1 L1500 GM	-	-	-	-	-	-	-
911401896380	WT158C LED56S/865 PSU L1500 GM	-	-	-	-	-	-	-
911401896480	WT158C LED56S/865 PSU TW1 L1500 GM	-	-	-	-	-	-	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401821199	WT118C LED45 NW PSU L1500 ENG	SDCM<5	4000 K	104.35 lm/W	4800 lm	46 W
911401822499	WT118C LED45 CW PSD L1500 ENG	SDCM<5	6500 K	104.35 lm/W	4800 lm	46 W
911401893980	WT158C LED18S/840 PSU L600 GC	-	4000 K	120 lm/W	1800 lm	15 W
911401894080	WT158C LED18S/840 PSU TW1 L600 GC	-	4000 K	120 lm/W	1800 lm	15 W
911401894580	WT158C LED18S/865 PSU L600 GC	-	6500 K	120 lm/W	1800 lm	15 W
911401894680	WT158C LED18S/865 PSU TW1 L600 GC	-	6500 K	120 lm/W	1800 lm	15 W
911401895380	WT158C LED18S/840 PSU L600 GM	-	4000 K	120 lm/W	1800 lm	15 W
911401895480	WT158C LED18S/840 PSU TW1 L600 GM	-	4000 K	120 lm/W	1800 lm	15 W
911401895980	WT158C LED18S/865 PSU L600 GM	-	6500 K	120 lm/W	1800 lm	15 W
911401896080	WT158C LED18S/865 PSU TW1 L600 GM	-	6500 K	120 lm/W	1800 lm	15 W
911401894180	WT158C LED36S/840 PSU L1200 GC	-	4000 K	120 lm/W	3600 lm	30 W
911401894280	WT158C LED36S/840 PSU TW1 L1200 GC	-	4000 K	120 lm/W	3600 lm	30 W
911401894780	WT158C LED36S/865 PSU L1200 GC	-	6500 K	120 lm/W	3600 lm	30 W
911401894880	WT158C LED36S/865 PSU TW1 L1200 GC	-	6500 K	120 lm/W	3600 lm	30 W
911401895180	WT158C LED25S/840 PSU L1200 GC	-	4000 K	120 lm/W	2500 lm	20 W
911401895280	WT158C LED25S/840 PSU TW1 L1200 GC	-	4000 K	120 lm/W	2500 lm	20 W
911401895580	WT158C LED36S/840 PSU L1200 GM	-	4000 K	120 lm/W	3600 lm	30 W
911401895680	WT158C LED36S/840 PSU TW1 L1200 GM	-	4000 K	120 lm/W	3600 lm	30 W
911401896180	WT158C LED36S/865 PSU L1200 GM	-	6500 K	120 lm/W	3600 lm	30 W
911401896280	WT158C LED36S/865 PSU TW1 L1200 GM	-	6500 K	120 lm/W	3600 lm	30 W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401896580	WT158C LED25S/840 PSU L1200 GM	-	4000 K	120 lm/W	2500 lm	20 W
911401896680	WT158C LED25S/840 PSU TW1 L1200 GM	-	4000 K	120 lm/W	2500 lm	20 W
911401894380	WT158C LED56S/840 PSU L1500 GC	-	4000 K	120 lm/W	5600 lm	46 W
911401894480	WT158C LED56S/840 PSU TW1 L1500 GC	-	4000 K	120 lm/W	5600 lm	46 W
911401894980	WT158C LED56S/865 PSU L1500 GC	-	6500 K	120 lm/W	5600 lm	46 W
911401895080	WT158C LED56S/865 PSU TW1 L1500 GC	-	6500 K	120 lm/W	5600 lm	46 W
911401895780	WT158C LED56S/840 PSU L1500 GM	-	4000 K	120 lm/W	5600 lm	46 W
911401895880	WT158C LED56S/840 PSU TW1 L1500 GM	-	4000 K	120 lm/W	5600 lm	46 W
911401896380	WT158C LED56S/865 PSU L1500 GM	-	6500 K	120 lm/W	5600 lm	46 W
911401896480	WT158C LED56S/865 PSU TW1 L1500 GM	-	6500 K	120 lm/W	5600 lm	46 W

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Median	Median
		useful life	useful life
		L80B50	L90B50
911401821199	WT118C LED45 NW PSU L1500 ENG	38000 h	35000 h
911401822499	WT118C LED45 CW PSD L1500 ENG	38000 h	35000 h
911401893980	WT158C LED18S/840 PSU L600 GC	-	-
911401894080	WT158C LED18S/840 PSU TW1 L600 GC	-	-
911401894580	WT158C LED18S/865 PSU L600 GC	-	-
911401894680	WT158C LED18S/865 PSU TW1 L600 GC	-	-
911401895380	WT158C LED18S/840 PSU L600 GM	-	-
911401895480	WT158C LED18S/840 PSU TW1 L600 GM	-	-
911401895980	WT158C LED18S/865 PSU L600 GM	-	-
911401896080	WT158C LED18S/865 PSU TW1 L600 GM	-	-
911401894180	WT158C LED36S/840 PSU L1200 GC	-	-
911401894280	WT158C LED36S/840 PSU TW1 L1200 GC	-	-
911401894780	WT158C LED36S/865 PSU L1200 GC	-	-
911401894880	WT158C LED36S/865 PSU TW1 L1200 GC	-	-
911401895180	WT158C LED25S/840 PSU L1200 GC	-	-
911401895280	WT158C LED25S/840 PSU TW1 L1200 GC	-	-
911401895580	WT158C LED36S/840 PSU L1200 GM	-	-
911401895680	WT158C LED36S/840 PSU TW1 L1200 GM	-	-

Order Code	Full Product Name	Median	Median
		useful life	useful life
		L80B50	L90B50
911401896180	WT158C LED36S/865 PSU L1200 GM	-	-
911401896280	WT158C LED36S/865 PSU TW1 L1200 GM	-	-
911401896580	WT158C LED25S/840 PSU L1200 GM	-	-
911401896680	WT158C LED25S/840 PSU TW1 L1200 GM	-	-
911401894380	WT158C LED56S/840 PSU L1500 GC	-	-
911401894480	WT158C LED56S/840 PSU TW1 L1500 GC	-	-
911401894980	WT158C LED56S/865 PSU L1500 GC	-	-
911401895080	WT158C LED56S/865 PSU TW1 L1500 GC	-	-
911401895780	WT158C LED56S/840 PSU L1500 GM	-	-
911401895880	WT158C LED56S/840 PSU TW1 L1500 GM	-	-
911401896380	WT158C LED56S/865 PSU L1500 GM	-	-
911401896480	WT158C LED56S/865 PSU TW1 L1500 GM	-	-

