



Philips GreenPerform Trunking G2: Energy-efficient LED light-line system

GreenPerform Trunking G2

Philips GreenPerform Trunking G2 delivers on the GreenPerform promise of innovative, high-quality luminaires; an energy-efficient light-line system that is designed for simplicity, high efficiency, and long-term reliability. The system is optimized for industrial and commercial applications, and provides consistent, high-quality light with added protection against dust (IP50). Available as trunking and standalone, the LED light lines have transparent inner end caps that improve light continuity along the entire length for more uniform lighting distribution.

GreenPerform Trunking G2 is designed for easy assembly and disassembly with a simple press to couple luminaire and trunk. A safe, reliable and versatile choice for 1:1 retrofit replacements or new energy-efficient lighting installations.

Benefits

- Highly-efficient design and light effect
- Improved light continuity along the entire length
- Easy to assemble, disassemble and install on site
- Optimized for industrial and commercial applications

Features

- Up to 148 lm/W
- 50,000 hours @L70 lifetime
- Available as trunking and standalone
- Transparent inner end caps
- IP50 dust protection

GreenPerform Trunking G2

Application

- Manufacturing
- Warehouses

Specifications

Mounting type	Surface
	Suspended
Operating Temperature range	-20 to +40°C
Light Source	LED
Mains Voltage	220-240V / 50-60Hz
Mechanical Accessories	Suspension bracket
	Surface mounting bracket
	I bracket for trucking
	Endcap
	PC blank cover
Dimming	DALI
Control system input	DALI
Material	Extrusion Aluminum
Main color of the luminaire	Anodized Aluminum
Lumen maintenance at median useful life 50.000h	L70
Flicker / Pst / SVM	<4%
Luminous flux	5000lm
	8700lm
	9000lm
Power consumption	LED50: 33.8W
	LED87: 59.8W
	LED90: 64.1W

Luminaire efficacy	Up to 148lm/W
Correlated color temperature - CCT	4000K
Color Rendering index - CRI	6500K
Beam angle	80
Optical cover/lens material	Lambertian
Optical cover/lens finish	PC
Protection Class IEC61140	Opal
Mechanical impact protection	Class I
Ingress protection	IK03
Light source replaceable	IP20
Driver replaceable	No
Overall height	Yes
Overall length	102mm
Overall width	1500mm
Installation	79mm
	Suspension
	Surface

General Information	
Driver included	Yes
Gear	-
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Color rendering index (CRI)	80
Optic type	Opal
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Mechanical and Housing	
Optical cover type	Polycarbonate linear crosswise
Housing Color	Aluminum
Mech. impact protection code	IK03
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	-20 °C to 40 °C
CE mark	No
ENEC mark	-
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	Luminous Flux
		Temperature (Nom)	(rated) (Nom)	
911401530742	LL130X LED90/NW PSD 5 OP L1500 LUM BW	4000 K	140 lm/W	9,000 lm
911401530842	LL130X LED90/NW PSD 10 OP L1500 LUM BW	4000 K	140 lm/W	9,000 lm
911401531142	LL130X LED90/NW PSD 5 OP L1500 LUM	4000 K	140 lm/W	9,000 lm
911401531242	LL130X LED90/NW PSD 10 OP L1500 LUM	4000 K	140 lm/W	9,000 lm
911401531742	LL130X LED87/NW PSU 3 OP L1500 LUM	4000 K	145 lm/W	8,700 lm
911401531842	LL130X LED87/NW PSU 6 OP L1500 LUM	4000 K	145 lm/W	8,700 lm
911401532142	LL130X LED50/NW PSU 3 OP L1500 LUM	4000 K	148 lm/W	5,000 lm
911401532242	LL130X LED50/NW PSU 6 OP L1500 LUM	4000 K	148 lm/W	5,000 lm
911401530342	LL130X LED90/NW PSD 5 OP L1500 BW	4000 K	140 lm/W	9,000 lm
911401530442	LL130X LED90/CW PSD 5 OP L1500 BW	6500 K	140 lm/W	9,000 lm
911401530542	LL130X LED90/NW PSD 10 OP L1500 BW	4000 K	140 lm/W	9,000 lm
911401530642	LL130X LED90/CW PSD 10 OP L1500 BW	6500 K	140 lm/W	9,000 lm
911401530942	LL130X LED90/NW PSD 5 OP L1500	4000 K	140 lm/W	9,000 lm
911401531042	LL130X LED90/NW PSD 10 OP L1500	4000 K	140 lm/W	9,000 lm
911401531342	LL130X LED87/NW PSU 3 OP L1500	4000 K	145 lm/W	8,700 lm
911401531442	LL130X LED87/CW PSU 3 OP L1500	6500 K	145 lm/W	8,700 lm
911401531542	LL130X LED87/NW PSU 6 OP L1500	4000 K	145 lm/W	8,700 lm
911401531642	LL130X LED87/CW PSU 6 OP L1500	6500 K	145 lm/W	8,700 lm
911401531942	LL130X LED50/NW PSU 3 OP L1500	4000 K	148 lm/W	5,000 lm
911401532042	LL130X LED50/NW PSU 6 OP L1500	4000 K	148 lm/W	5,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401530742	LL130X LED90/NW PSD 5 OP L1500 LUM BW	64.1 W	911401531842	LL130X LED87/NW PSU 6 OP L1500 LUM	59.8 W
911401530842	LL130X LED90/NW PSD 10 OP L1500 LUM BW	64.1 W	911401532142	LL130X LED50/NW PSU 3 OP L1500 LUM	33.8 W
911401531142	LL130X LED90/NW PSD 5 OP L1500 LUM	64.1 W	911401532242	LL130X LED50/NW PSU 6 OP L1500 LUM	33.8 W
911401531242	LL130X LED90/NW PSD 10 OP L1500 LUM	64.1 W	911401530342	LL130X LED90/NW PSD 5 OP L1500 BW	64.1 W
911401531742	LL130X LED87/NW PSU 3 OP L1500 LUM	59.8 W	911401530442	LL130X LED90/CW PSD 5 OP L1500 BW	64.1 W

GreenPerform Trunking G2

Order Code	Full Product Name	Power Consumption
911401530542	LL130X LED90/NW PSD 10 OP L1500 BW	64.1 W
911401530642	LL130X LED90/CW PSD 10 OP L1500 BW	64.1 W
911401530942	LL130X LED90/NW PSD 5 OP L1500	64.1 W
911401531042	LL130X LED90/NW PSD 10 OP L1500	64.1 W
911401531342	LL130X LED87/NW PSU 3 OP L1500	59.8 W

Order Code	Full Product Name	Power Consumption
911401531442	LL130X LED87/CW PSU 3 OP L1500	59.8 W
911401531542	LL130X LED87/NW PSU 6 OP L1500	59.8 W
911401531642	LL130X LED87/CW PSU 6 OP L1500	59.8 W
911401531942	LL130X LED50/NW PSU 3 OP L1500	33.8 W
911401532042	LL130X LED50/NW PSU 6 OP L1500	33.8 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401530742	LL130X LED90/NW PSD 5 OP L1500 LUM BW	Yes
911401530842	LL130X LED90/NW PSD 10 OP L1500 LUM BW	Yes
911401531142	LL130X LED90/NW PSD 5 OP L1500 LUM	Yes
911401531242	LL130X LED90/NW PSD 10 OP L1500 LUM	Yes
911401531742	LL130X LED87/NW PSU 3 OP L1500 LUM	No
911401531842	LL130X LED87/NW PSU 6 OP L1500 LUM	No
911401532142	LL130X LED50/NW PSU 3 OP L1500 LUM	No
911401532242	LL130X LED50/NW PSU 6 OP L1500 LUM	No
911401530342	LL130X LED90/NW PSD 5 OP L1500 BW	Yes
911401530442	LL130X LED90/CW PSD 5 OP L1500 BW	Yes

Order Code	Full Product Name	Dimmable
911401530542	LL130X LED90/NW PSD 10 OP L1500 BW	Yes
911401530642	LL130X LED90/CW PSD 10 OP L1500 BW	Yes
911401530942	LL130X LED90/NW PSD 5 OP L1500	Yes
911401531042	LL130X LED90/NW PSD 10 OP L1500	Yes
911401531342	LL130X LED87/NW PSU 3 OP L1500	No
911401531442	LL130X LED87/CW PSU 3 OP L1500	No
911401531542	LL130X LED87/NW PSU 6 OP L1500	No
911401531642	LL130X LED87/CW PSU 6 OP L1500	No
911401531942	LL130X LED50/NW PSU 3 OP L1500	No
911401532042	LL130X LED50/NW PSU 6 OP L1500	No

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401530742	LL130X LED90/NW PSD 5 OP L1500 LUM BW	(0.3818, 0.3797) SDCM<3
911401530842	LL130X LED90/NW PSD 10 OP L1500 LUM BW	(0.3818, 0.3797) SDCM<3
911401531142	LL130X LED90/NW PSD 5 OP L1500 LUM	(0.3818, 0.3797) SDCM<3
911401531242	LL130X LED90/NW PSD 10 OP L1500 LUM	(0.3818, 0.3797) SDCM<3
911401531742	LL130X LED87/NW PSU 3 OP L1500 LUM	(0.3818, 0.3797) SDCM<3
911401531842	LL130X LED87/NW PSU 6 OP L1500 LUM	(0.3818, 0.3797) SDCM<3
911401532142	LL130X LED50/NW PSU 3 OP L1500 LUM	(0.3818, 0.3797) SDCM<3
911401532242	LL130X LED50/NW PSU 6 OP L1500 LUM	(0.3818, 0.3797) SDCM<3
911401530342	LL130X LED90/NW PSD 5 OP L1500 BW	(0.3818, 0.3797) SDCM<3
911401530442	LL130X LED90/CW PSD 5 OP L1500 BW	(0.3123, 0.3282) SDCM<3

Order Code	Full Product Name	Initial chromaticity
911401530542	LL130X LED90/NW PSD 10 OP L1500 BW	(0.3818, 0.3797) SDCM<3
911401530642	LL130X LED90/CW PSD 10 OP L1500 BW	(0.3123, 0.3282) SDCM<3
911401530942	LL130X LED90/NW PSD 5 OP L1500	(0.3818, 0.3797) SDCM<3
911401531042	LL130X LED90/NW PSD 10 OP L1500	(0.3818, 0.3797) SDCM<3
911401531342	LL130X LED87/NW PSU 3 OP L1500	(0.3818, 0.3797) SDCM<3
911401531442	LL130X LED87/CW PSU 3 OP L1500	(0.3123, 0.3282) SDCM<3
911401531542	LL130X LED87/NW PSU 6 OP L1500	(0.3818, 0.3797) SDCM<3
911401531642	LL130X LED87/CW PSU 6 OP L1500	(0.3123, 0.3282) SDCM<3
911401531942	LL130X LED50/NW PSU 3 OP L1500	(0.3818, 0.3797) SDCM<3
911401532042	LL130X LED50/NW PSU 6 OP L1500	(0.3818, 0.3797) SDCM<3

