Energy-efficient trunking lighting solution for industrial and commercial applications

Optimus trunking G2

With Philips Optimus Trunking, industry and transportation owners have an innovative LED solution that intelligently combines high-performance lighting features with maximized energy savings. This. solution is designed to provide safety and enhance traveler's experience without compromising performance and energy efficiency. Suitable for a wide range of applications, it is safe, reliable, and versatile, the perfect direct replacement for conventional fluorescent trunking. Luminaire comes along with reliability of Philips brand offered in professional specifications which makes the Product robust in the industrial, easy to install and maintain. Less maintenance in the longer run, resulting in an attractive Total Cost of Ownership.

Benefits
- Easy to Mount and Tool-free SnapFit Mounting Trunking System
- LED module with efficacy 120lm/w drives down connected load
- Best Color Consistency and High CRI required for high traffic public area
- Sleek design and superior finish
- Range of lumen packs to choose from for different application

Optimus trunking G2

Features

- Efficacy >120lm/w
- CRI > 80 for better quality of illumination
- Wide trunk to incorporate wiring for the insert
- Volumetric and uniform ceiling illumination
- Click fix/Ease of installation of insert onto trunk.
- PF > 0.95 , THD < 10% , surge 4KV
- Wide voltage operation driver
- Lumen Packs 4000 – 5000 Lumens
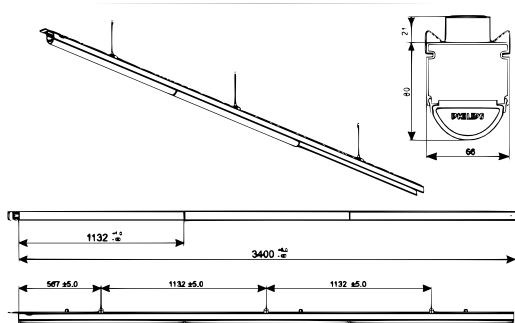- Reliable IP rating of IP54

Application

- Metro stations
- Airports
- Industrial Canopies
- Warehouses
- Railways stations

Warnings and Safety

- Meant for Indoor Application Only. Should not be used in outdoor environment.

Dimensional drawing

Optimus trunking G2

General Information

Driver included	Yes

Light Technical

Beam angle of light source	– degree(s)
Color rendering index (CRI)	80
Optic type	–

Operating and Electrical

Protection class IEC	Safety class I
Input Voltage	220 to 240 V

Controls and Dimming

Dimmable	–

Mechanical and Housing

Optical cover type	Opal diffuser in polycarbonate cover
Housing Color	White
Mech. impact protection code	IK05
Ingress protection code	IP54

Approval and Application

Ambient temperature range	0 to +45 ℃
Flammability mark	For mounting on normally flammable surfaces

Initial Performance (IEC Compliant)

Initial chromaticity	<5

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
919515816463	LL199X 1XDLED40-6500 PSE OD WH IP54 G2 H	6500 K	140 lm/W	4,000 lm
919515816464	LL199X 1XDLED40-5700 PSE OD WH IP54 G2 H	5700 K	140 lm/W	4,000 lm
919515816465	LL199X 1XDLED40-4000 PSE OD WH IP54 G2 H	4000 K	140 lm/W	4,000 lm
919515816466	LL199X 1XDLED40-6500 PSE OD WH IP54 G2	6500 K	125 lm/W	4,000 lm
919515816467	LL199X 1XDLED40-5700 PSE OD WH IP54 G2	5700 K	125 lm/W	4,000 lm
919515816468	LL199X 1XDLED40-4000 PSE OD WH IP54 G2	4000 K	125 lm/W	4,000 lm
919515816469	LL199X 1XDLED40-6500 PSE OD WH IP54 G2 S	6500 K	120 lm/W	4,000 lm
919515816470	LL199X 1XDLED40-5700 PSE OD WH IP54 G2 S	5700 K	120 lm/W	4,000 lm
919515816471	LL199X 1XDLED40-4000 PSE OD WH IP54 G2 S	4000 K	120 lm/W	4,000 lm
919515816472	LL199X 1XDLED50-6500 PSE OD WH IP54 G2 H	6500 K	140 lm/W	5,000 lm
919515816473	LL199X 1XDLED50-5700 PSE OD WH IP54 G2 H	5700 K	140 lm/W	5,000 lm
919515816474	LL199X 1XDLED50-4000 PSE OD WH IP54 G2 H	4000 K	140 lm/W	5,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
919515816463	LL199X 1XDLED40-6500 PSE OD WH IP54 G2 H	28 W
919515816464	LL199X 1XDLED40-5700 PSE OD WH IP54 G2 H	28 W
919515816465	LL199X 1XDLED40-4000 PSE OD WH IP54 G2 H	28 W
919515816466	LL199X 1XDLED40-6500 PSE OD WH IP54 G2	32 W
919515816467	LL199X 1XDLED40-5700 PSE OD WH IP54 G2	32 W
919515816468	LL199X 1XDLED40-4000 PSE OD WH IP54 G2	32 W

Order Code	Full Product Name	Power Consumption
919515816469	LL199X 1XDLED40-6500 PSE OD WH IP54 G2 S	33 W
919515816470	LL199X 1XDLED40-5700 PSE OD WH IP54 G2 S	33 W
919515816471	LL199X 1XDLED40-4000 PSE OD WH IP54 G2 S	33 W
919515816472	LL199X 1XDLED50-6500 PSE OD WH IP54 G2 H	35 W
919515816473	LL199X 1XDLED50-5700 PSE OD WH IP54 G2 H	35 W
919515816474	LL199X 1XDLED50-4000 PSE OD WH IP54 G2 H	35 W

Optimus trunking G2

www.lighting.philips.com

2025, December 13 – data subject to change