Lighting up tunnels for optimum safety

FlowBase G2

A lighting design that ensures safety and good visibility is a key element in the success of any tunnel project. Philips FlowBase G2 combines compact design, reliability, and affordability in one complete package to bring the perfect lighting solution for any tunnel application.

Benefits
- High lumen efficacy for energy saving
- Robust quality and reliability
- Professional optics for tunnel applications
- Easy installation, equipped with mounting brackets that can be adjusted +/60 degrees

Features
- Upto 32Klm light output
- Typical 140lm/W
- 1-10V dimming interface
- 55K hours (L70B50 @35°C) lifetime, – 40°C < Ta< 55°C Operating temperature

Application
- 2-lane tunnels: 12-14m width, symmetrical or staggered installation, with up to 60-100km/hr speed
- 2- to 3-lane tunnels: 14-15m width, symmetrical installation, with up to 60-100km/hr speed
- 2-lane tunnels: 9-10m width, staggered installation, with up to 60-100km/hr speed

Specifications

Material	Housing: die-cast aluminiumOptic cover: polycarbonate	Light Source	3030 LED

FlowBase G2

Installation	Bracket, tilting angle +/- 60D		**Mains Voltage**	220-240V, 50/60Hz
Luminous flux	up to 32000lm		**Control system input**	1-10V
Correlated color temperature – CCT	4000K3000K		**Dimming**	1-10VStep dimming
Luminaire efficacy	4000K: 140lm/W		**Operating Temperature range**	-40 to +55C Ta
Color Rendering index – CRI	70		**Ingress protection**	IP66
Power	up to 240W		**Certification**	IECEE CB, CE, CQC

Versions

FlowBase G2

FlowBase G2

Dimensional drawing
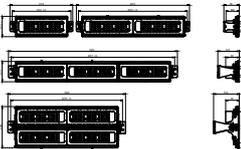
Product details

BWP352 G2 back

BWP352 G2 side

FlowBase G2

Product details

BWP352 G2 front

General Information

Driver included	Yes
Service tag	Yes

Light Technical

Light source color	740 neutral white
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>70

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Optical cover type	Polycarbonate micro lens optic
Housing Color	Dark gray
Mech. impact protection code	IK08
Ingress protection code	IP66

Approval and Application

CE mark	Yes

Light Technical

Order Code	Full Product Name	Luminous Flux
911401630907	BWP352 LED212/NW 150W 220-240V DM2 G2	21,200 lm
911401631007	BWP352 LED245/NW 180W 220-240V DM2 G2	24,500 lm
911401630307	BWP352 LED118/NW 80W 220-240V DM2 G2	11,800 lm
911401630407	BWP352 LED130/NW 90W 220-240V DM2 G2	13,000 lm
911401630507	BWP352 LED139/NW 100W 220-240V DM2 G2	13,900 lm
911401630707	BWP352 LED162/NW 120W 220-240V DM2 G2	16,200 lm
911401631407	BWP352 LED316/NW 220W 220-240V DTXB G2	31,600 lm
911401629807	BWP352 LED57/NW 40W 220-240V DM2 G2	5,700 lm
911401629907	BWP352 LED70/NW 50W 220-240V DM2 G2	7,000 lm
911401630007	BWP352 LED76/NW 60W 220-240V DM2 G2	7,600 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401630907	BWP352 LED212/NW 150W 220-240V DM2 G2	150 W	911401630507	BWP352 LED139/NW 100W 220-240V DM2 G2	100 W
911401631007	BWP352 LED245/NW 180W 220-240V DM2 G2	180 W	911401630707	BWP352 LED162/NW 120W 220-240V DM2 G2	120 W
911401630307	BWP352 LED118/NW 80W 220-240V DM2 G2	80 W	911401631407	BWP352 LED316/NW 220W 220-240V DTXB G2	220 W
911401630407	BWP352 LED130/NW 90W 220-240V DM2 G2	90 W	911401629807	BWP352 LED57/NW 40W 220-240V DM2 G2	40 W

www.lighting.philips.com

2024, June 21 – data subject to change