



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
- \cdot 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
- \cdot 2- to 3-lane tunnels: 14-15m width, symmetrical installation, with up to 60-100km/hr speed
- \cdot 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
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FlowBase G2

Installation	Bracket, tilting angle +/- 60D
Luminous flux	up to 32000lm
Correlated color	4000K3000K
temperature - CCT	
Luminaire efficacy	4000K: 140lm/W
Color Rendering index	- 70
CRI	
Power	up to 240W

Mains Voltage	220-240V, 50/60Hz
Control system input	1-10V
Dimming	1-10VStep dimming
Operating Temperature	-40 to +55C Ta
range	
Ingress protection	IP66
Certification	IECEE CB, CE, CQC

Versions







FlowBase G2

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FlowBase G2

Dimensional drawing



Product details







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 IKO8 Ingress protection code IP66 Approval and Application CE mark Yes		
Service tag Light Technical Light source color Correlated Color Temperature (Nom) Color rendering index (CRI) Controls and Dimming Dimmable Yes Mechanical and Housing Optical cover type Polycarbonate micro lens optic Housing Color Dark gray Mech. impact protection code Ingress protection code Approval and Application	General Information	
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	Driver included	Yes
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 IKO8 Ingress protection code IP66 Approval and Application	Service tag	Yes
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 IKO8 Ingress protection code IP66 Approval and Application		
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 IKO8 Ingress protection code IP66 Approval and Application	Light Technical	
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 IKO8 Ingress protection code IP66 Approval and Application	Light source color	740 neutral white
Controls and Dimming Dimmable Yes Mechanical and Housing Optical cover type Polycarbonate micro lens optic Housing Color Dark gray Mech. impact protection code Ingress protection code IRO8 Ingress protection code Approval and Application	Correlated Color Temperature (Nom)	4000 K
Dimmable Yes Mechanical and Housing Optical cover type Polycarbonate micro lens optic Housing Color Dark gray Mech. impact protection code IK08 Ingress protection code Approval and Application	Color rendering index (CRI)	>70
Dimmable Yes Mechanical and Housing Optical cover type Polycarbonate micro lens optic Housing Color Dark gray Mech. impact protection code IK08 Ingress protection code Approval and Application		
Mechanical and Housing Optical cover type Polycarbonate micro lens optic Housing Color Dark gray Mech. impact protection code Ingress protection code IP66 Approval and Application	Controls and Dimming	
Optical cover type Polycarbonate micro lens optic Housing Color Dark gray Mech. impact protection code IKO8 Ingress protection code IP66 Approval and Application	Dimmable	Yes
Optical cover type Polycarbonate micro lens optic Housing Color Dark gray Mech. impact protection code IKO8 Ingress protection code IP66 Approval and Application		
micro lens optic Housing Color Dark gray Mech. impact protection code IK08 Ingress protection code IP66 Approval and Application	Mechanical and Housing	
Housing Color Dark gray Mech. impact protection code IKO8 Ingress protection code IP66 Approval and Application	Optical cover type	Polycarbonate
Mech. impact protection code IK08 Ingress protection code IP66 Approval and Application		micro lens optic
Ingress protection code IP66 Approval and Application	Housing Color	Dark gray
Approval and Application	Mech. impact protection code	IK08
	Ingress protection code	IP66
CE mark Yes	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
911401630907	BWP352 LED212/NW 150W 220-240V DM2 G2	150 W
911401631007	BWP352 LED245/NW 180W 220-240V DM2 G2	180 W
911401630307	BWP352 LED118/NW 80W 220-240V DM2 G2	80 W
911401630407	BWP352 LED130/NW 90W 220-240V DM2 G2	90 W

Order Code	Full Product Name	Power Consumption
911401630507	BWP352 LED139/NW 100W 220-240V DM2 G2	100 W
911401630707	BWP352 LED162/NW 120W 220-240V DM2 G2	120 W
911401631407	BWP352 LED316/NW 220W 220-240V DTXB G2	220 W
911401629807	BWP352 LED57/NW 40W 220-240V DM2 G2	40 W



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