



# 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

<b>Material</b>	Housing: die-cast aluminiumOptic cover: polycarbonate	<b>Light Source</b>	3030 LED
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<b>Installation</b>	Bracket, tilting angle +/- 60D
<b>Luminous flux</b>	up to 32000lm
<b>Correlated color temperature - CCT</b>	4000K3000K
<b>Luminaire efficacy</b>	4000K: 140lm/W
<b>Color Rendering index - 70 CRI</b>	
<b>Power</b>	up to 240W

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

## Versions



FlowBase G2



FlowBase G2

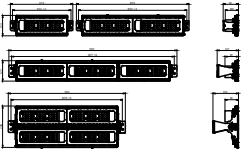


FlowBase G2



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## Dimensional drawing



## Product details

BWP352 G2 back



BWP352 G2 side



## 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
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

