

# Lighting up tunnels for optimum safety

## FlowBase \*do not use\*

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

### Benefits

- Maximized energy savings. Reduces the need to install numerous luminaires to deliver optimized energy savings of up to 50%
- Optimal safety. Provides enough illuminance, perfect uniformity and minimized glare, and complies with tunnel lighting norm to ensure protection and complete visibility in the tunnel
- Easy installation. Equipped with mounting brackets that can be adjusted +/-60 degrees to fully adapt to different tunnel applications

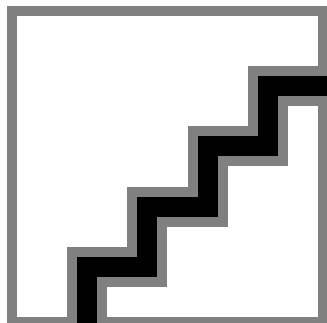
### Features

- Design based on the latest construction and lighting technology
- Cost-effective LED alternative to conventional tunnel luminaire
- Excellent thermal design which has been tested to operate in extreme environments (luminaire can operate at temperature up to 45C Ta)
- Sleek and fully sealed luminaire without any screws on the front cover

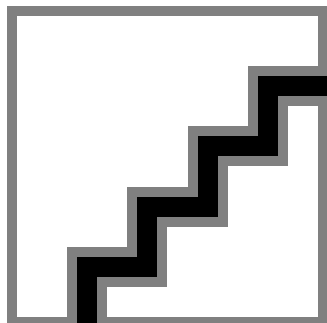
### Application

- 2-lane tunnels: 12-14m width, symmetrical or staggered installation, with up to 60-80km/hr speed
- 2- to 3-lane tunnels: 14-15m width, symmetrical installation, with up to 60-80km/hr speed
- 2-lane tunnels: 9-10m width, staggered installation, with up to 60-80km/hr speed

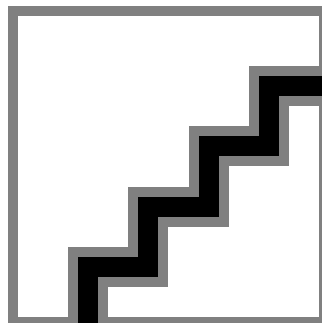
## Versions



BWP352 25-60W 220-240V



BWP352 70-120W 220-240V



BWP352 130-180W 220-240V

### Approval and Application

Mech. impact protection code	IK08
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### Controls and Dimming

Dimmable	No
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### General Information

CE mark	CE mark
Light source color	740 neutral white
Driver included	Yes
Light source replaceable	No
Optic type	Wide beam

### Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70

### Mechanical and Housing

Color	grey
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### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
911401609103	BWP352 LED29/NW 25W 220-240V DM2 MP1	2900 lm
911401609203	BWP352 LED65/NW 60W 220-240V DM2 MP1	6500 lm
911401609303	BWP352 LED82/NW 70W 220-240V DM2 MP1	8200 lm
911401609703	BWP352 LED129/NW 120W 220-240V DM2 MP1	12900 lm
911401609903	BWP352 LED194/NW 180W 220-240V DM2 MP1	19400 lm

