

# Lighting up tunnels for optimum safety

## FlowBase

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  $\pm 60$  degrees to fully adapt to different tunnel applications

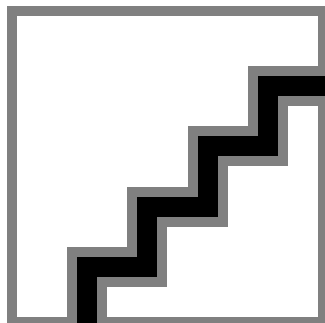
### Features

- 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 45°C Ta)
- Sleek and fully sealed luminaire without any screws on the front cover

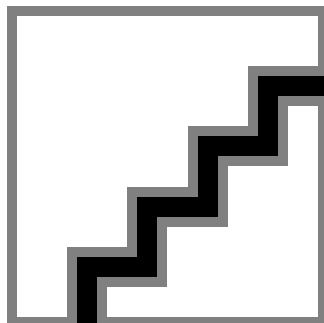
### Application

- 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 70-120W 220-240V



BWP352 130-180W 220-240V

### Application Conditions

|                   |     |
|-------------------|-----|
| Maximum dim level | 10% |
|-------------------|-----|

### Approval and Application

|                              |      |
|------------------------------|------|
| Mech. impact protection code | IK08 |
|------------------------------|------|

### Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

### General Information

|                     |                   |
|---------------------|-------------------|
| CE mark             | CE mark           |
| Light source colour | 740 neutral white |
| Driver included     | Yes               |
| UL mark             | No                |

### Initial Performance (IEC Compliant)

|                                |        |
|--------------------------------|--------|
| Init. Corr. Colour Temperature | 4000 K |
|--------------------------------|--------|

### Initial Performance (IEC Compliant)

| Order Code   | Full Product Name                      | Initial luminous flux |
|--------------|--|-----------------------|
| 911401808298 | BWP352 LED107/NW 90W 220-240V DM2 MP1  | 10100 lm              |
| 911401808598 | BWP352 LED87/NW 70W 220-240V DM2 MP1   | 8200 lm               |
| 911401808698 | BWP352 LED97/NW 80W 220-240V DM2 MP1   | 9100 lm               |
| 911401808898 | BWP352 LED137/NW 120W 220-240V DM2 MP1 | 12900 lm              |

