

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 ± 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

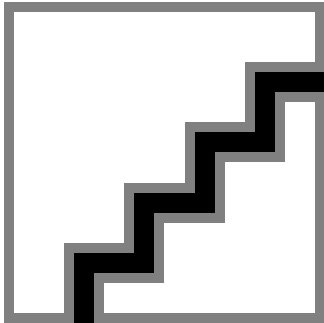
Application

- 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



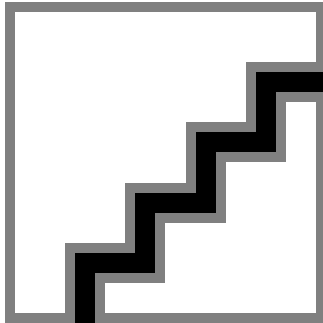
BWP352 70-120W 220-240V



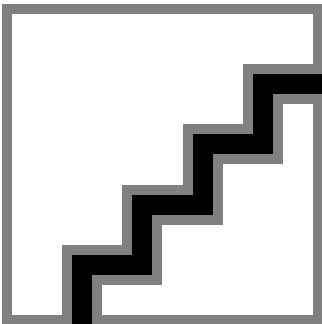
BWP352 25-60W 220-240V



BWP352 NW 220-240V



BWP352 130-180W 220-240V



BWP352 190-240W 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	-
Initial Performance (IEC Compliant)	
Init. Corr. Colour Temperature	4000 K

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
01808298	BWP352 LED107/NW 90W 220-240V DM2 MP1	10100 lm
01808598	BWP352 LED87/NW 70W 220-240V DM2 MP1	8200 lm
01808698	BWP352 LED97/NW 80W 220-240V DM2 MP1	9100 lm
01808398	BWP352 LED69/NW 60W 220-240V DM2 MP1	6500 lm
01808798	BWP352 LED117/NW 100W 220-240V DM2 MP1	11000 lm
01808998	BWP352 LED177/NW 150W 220-240V DM2 MP1	16600 lm
01809098	BWP352 LED206/NW 180W 220-240V DM2 MP1	19400 lm
01809198	BWP352 LED274/NW 240W 220-240V DM2 MP1	25700 lm

