



EssentialLine – affordable and reliable

EssentialLine BBP110

Many cities want to realize a number of LED road-lighting installations in order to respond to the growing calls for innovative, sustainable lighting. To that end, they need to find a reliable LED solution within the available budget. EssentialLine offers an affordable LED solution that minimizes the initial investment. It also offers easy upgrading of the LEDs, thereby enabling simple and fast maintenance on the pole. Last but not least, EssentialLine is fully compliant with road lighting norms, thus helping to create a safe, pleasant living environment.

Benefits

- Affordable solution; greater scope to choose LED road lighting within available funding
- Reliable: good heat management and strong housing design ensures long lifetime of the system
- Future-proof: upgradeable to new LEDs when available
- Safety on the roads, ensuring peace of mind

Features

- Modular design of LED module and driver provides flexibility for future upgrades
- Good uniformity and illuminance, together with glare control, ensure full compliance with road lighting norms M3 and M2 (up to 3 lanes)
- Good heat dissipation ensures long lifetime for LED and driver
- Half-thread screw design prevents screws being dropped during installation and maintenance

Application

- Rural roads
- Residential streets
- Urban roads – M2/3e

Specifications

EssentialLine BBP110

Type	BBP110
Light source	96 x, 128 x or 160 x LED-HP
Light color	Neutral white, 4000 K
	Cool white, 5000 K
Power consumption	96 x LED version: 105 W
	128 x LED version: 140 W
	160 x LED version: 175 W
Driver current	350 mA
Power/data supply	220-240 V / 50-60 Hz
Driver	Integrated
Optic	Medium (DM), wide (DW), extreme wide (DX) and comfort (DC)
Connection	Screw connection block
Cable gland	M20 x 1.5
Material	Housing:
	- Main body: extruded die-cast aluminum
	- Gear box and front part: high-pressure die-cast aluminum
	Mounting bracket: high-pressure die-cast aluminum (integrated with luminaire)
	Gasket: silicone rubber

Color	Grey (RAL 7040)
Installation	Side-entry mounting: lateral entry Ø 42 - 60 mm (60S)
	Spigot is integrated
	Operating temperature: -20°C < T
	Recommended mounting height: < 15 m
	Adjustable tilt angle: 0°
Lifetime	Max SCx: 0.384 m
	50.000 hours (70% lumen maintenance at T

Versions



BBP110 220-240V

Product details

Modern, harmonious and stylish design



General Information	
Lamp family code	LED-HP

General Information

EssentialLine BBP110

Order Code	Full Product Name	Light source color	Number of light sources	Optic type
910403383602	BBP110 96xLED-HP/NW DM 220-240V 7040	Neutral white	96 pcs	Distribution medium
910403383702	BBP110 96xLED-HP/CW DM 220-240V 7040	Cool white	96 pcs	Distribution medium
910403384402	BBP110 128xLED-HP/NW DM 220-240V 7040	Neutral white	128 pcs	Distribution medium
910403384502	BBP110 128xLED-HP/CW DM 220-240V 7040	Cool white	128 pcs	Distribution medium
910403384702	BBP110 128xLED-HP/CW DW 220-240V 7040	Cool white	128 pcs	Distribution wide

Order Code	Full Product Name	Light source color	Number of light sources	Optic type
910403385202	BBP110 160xLED-HP/NW DM 220-240V 7040	Neutral white	160 pcs	Distribution medium
910403385302	BBP110 160xLED-HP/CW DM 220-240V 7040	Cool white	160 pcs	Distribution medium
910403385602	BBP110 160xLED-HP/NW DC 220-240V 7040	Neutral white	160 pcs	Distribution comfort
910403385902	BBP110 160xLED-HP/CW DX 220-240V 7040	Cool white	160 pcs	Distribution extra-wide

