BB Lightpipe

BB Plugin Asymmetric

- ♻ Recyclable
- 🍃 CO2 reduction
- Ⓐ Energy Efficiency
- 🛡 Vandal Resistant IK10+
- ☂ Protection class IP65
- 🔧 Maintenance free
- 🔗 Sustainable materials
- 💡 LED Technology
- 🔌 Plug & play installation
- ▤ DALI communication
- 👁 Glare Free
- ☀ Extreme long lifetime

Product description

The BB Plugin Asymmetric includes a continuous light line made of polycarbonate tubes with an aluminium component housing. The fixture can easily be mounted through a spring press clip in the BB Goulotte 2.0.

A LED module emits light into an impact-proof polycarbonate tube. With special foil techniques including 3M's O.L.F. foil the light is transported through the tube ensuring a constant, even and glare-free light distribution.

An external reflector shield forces the light to one side, creating an asymmetric light distribution. This way, in metro or railway solutions the light is directed towards the platforms and not on the tracks. This results in a uniform light distribution and very low glare for the conductor.

Specifications

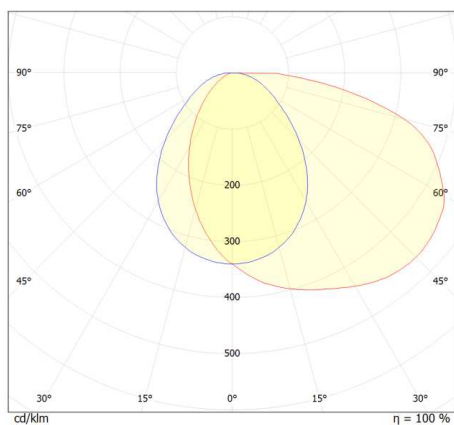|	
Input voltage	220 – 240 Vac
Frequency	50 / 60 Hz
Power factor	0,98 (100%)
Dim range	10 to 100% by DALI
Driver lifetime	100.000 hours
Insulation	Class I
Operation temp.	-25°C ~ +40°C
Wiring	Low Smoke Zero Halogen, 1-phase trough-wired, terminal black

Construction

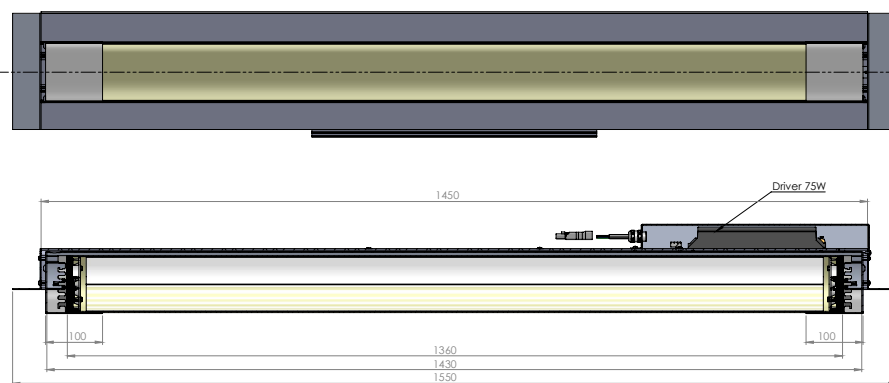|	
Luminaire parts	extruded anodized aluminium
Light tube	100/96mm Polycarbonate, UV stable
Power supply	Outdoor LED Driver – 75W
Fixing	Spring press clip
Connection	Plug & Play Connectors (Mains + Dali)
Light source	2 x LED module with 18 Nichia PowerLEDs
LED lifetime	L90F50 = 200.000 hours L80B50 = 100.000 hours
Light color	4000K (3000 -5000K optional)
CRI	RA >70 (up to 92 optional)

www.bblightpipe.com

member of the TKH Group

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Certifications

Protection class	IP66
Impact class	IK10+ (150 Joule)
Certificate	ENEC 71-104428
Standards	EN 60598-1, EN 60598-2-2,
	EN 55015, EN 61000-3-2
All wires	Low Smoke Zero Halogen
Material usage	Fully recyclable components

Visual of the BB Plugin in the BB Goulotte 2.0 with integration of audio and camera systems

Light distribution

Dimensions

Driver 75W

1450

100   1360   100
1430
1550

Optional

- External Ebox: aluminium casing with driver installed externally, up to 16m from the BB Plugin Asymmetric.

- External Ebox + EM: aluminium casing with driver installed externally, up to 16m from the BB Plugin Asymmetric with integration of an Emergency Module (EM), including battery and status LED indicator (easily replaceable battery).

Types and dimensions

Type	Length	Power	Weight	Lumen	Efficiency	Distribution	Driver
BBPLUASYM-IN	155cm	63,0-75,0W	3 kg	5100 lm	68 lm/W	Asymmetric	Internal Driver
BBPLUASYM-EXT	155cm	63,0-75,0W	3 kg	5100 lm	68 lm/W	Asymmetric	External Driver
BBPLUASYM-EXT + EM	155cm	63,0-75,0W	3 kg	5100 lm	68 lm/W	Asymmetric	External Driver & emergency module