








# BB LEDlightpipe EVO

-  **Recyclable**
-  **Vandal Resistant IK10+**
-  **Cradle to Cradle Bronze**
-  **DALI communication**
-  **CO2 reduction**
-  **Protection class IP66**
-  **LED Technology**
-  **Glare Free**
-  **Energy Efficiency**
-  **Maintenance free**
-  **Plug & play installation**
-  **Extreme long lifetime**

## Product description

The system includes a continuous optical and modular light line made of polycarbonate tubes in an aluminum carrier profile. 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 anti-glare light distribution. The 180° light distribution increases the feeling of comfort by illuminating the whole room including the ceiling. This contributes to a feeling of safety in large areas such as parking garages, industrial buildings and shopping centres. Unique system Integrations are possible with park guidance of Park Assist, Sound/Evaq and Emergency lighting.

## Construction

Main profile	aluminum blank anodized
Lighttube	100mm Polycarbonate, UV stable
Lightsource	2 or 4 LED modules with 18 Nichia PowerLEDs
Power supply	Philips Xitanium IP66 Outdoor
Temp. control	Metal LED board with NTC
All wires	Low Smoke Zero Halogen
Material usage	Fully recyclable components Cradle to Cradle certification
Section	115 x 133 mm (height x width)

## Specifications

Protection class	IP66
Impact class	IK10+
LED lifetime	L90F50 = 200.000 hours L90F10 = 100.000 hours
Light color	5000K (3000 - 4000K optional)
CRI	RA >70 (up to 92 optional)
Driver lifetime	100.000 hours
Power factor	0,98 (100%)
Dim range	10-100% by DALI or 1-10V
Operation temp.	-40°C ~ +50°C

## Dimensions and types

LED modules	Power	lumen output	available lengths	Wiring
2	78W	6915 lm	4m - 6m	trough-wired, 3-phase + DALI; plug & play connectors
4	155W	13830 lm	4m - 6m - 8m - 12m	trough-wired, 3-phase + DALI; plug & play connectors

For more extensive technical data, certifications and mounting information see the installation manual.