

TWIN

Efficient: High-performance LED light technology including light control system

Economical: Long-term cost security and cost-structure transparency

Flexible: Demand-orientated configurable, asymmetrical light distribution

Sustainable: Luminous flux over lifetime: 80 % after 100.000 operating hours

Areas of application:

- Parks
- Public places
- Roads in residential areas
- Pedestrian crossings

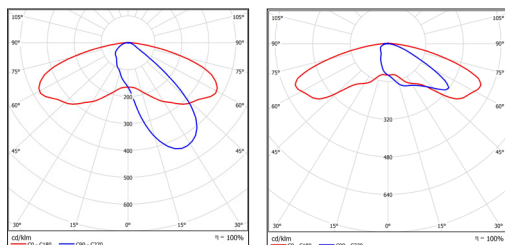


HELLUX

TWIN



Example of luminous intensity distribution: M optics | S optics



LIGHT HOUSING	
Material	Luminaire housing and pole connector made of aluminum die casting
Colour (powder coating)	DB 703
Mounting type	60 or 76 mm spigot size for side-mounted or top-mounted luminaires / 42 or 65 mm for side-mounted luminaires
Orientation possibilities	Tilt adjustable from -15° to +15° / tilt adjustable from 0° to -15°
Dimension (length x width x height)	680 x 240 x 110 mm
Weight	9,5 kg
IP Protection class	IP 67 IP 69K
Glas type	PMMA
Impact resistance	IK 08
ILLUMINANT PROPERTIES	
Light source	2 Eco modules with 14 LEDs or 28 LEDs
Optical system	PMMA single optics
Rated luminous flux	1.600 - 10.000 lm
Light efficiency	up to 143 lm/W
Colour temperature	Amber 3.000 K 4.000 K 5.000 K
Colour rendering index (RA)	CRI 60 (Amber), CRI 83 (3.000 K), CRI 73 (4.000 K), CRI 70 (5.000 K)
Dimming (Power control)	Optional power line control (50 % 100 %), dimmprofile or DALI
Interface for light management	NEMA or Zhaga book 18 pedestal
Rated lifetime at (ta) 30C°	90 % after 60.000 hours (IES LM 80 & TM 21) 80 % after 100.000 hours
Thermal management	✓
Constant Light Output (CLO)	Optional
ELECTRICAL PROPERTIES	
Rated power	15 – 75 W (depending on luminous flux)
Electrical protection class	SK II
Operating voltage	220 – 240 V
Frequence	50 – 60 Hz
Surge protection	10 kV
INSTALLATION REQUIREMENTS	
Application areas	Parks, public places, roads in residential areas, pedestrian crossings
Light point height	4 - 8 m
Lighting classes	M P
Admitted ambient temperature (ta)	-40 °C to +35 °C
OTHER PROPERTIES	
	CE