

## SLIM TWIN

**Modular** LED system with integrated electronics

**Sustainable:** Sustainable concept with technology guarantee

**Intelligent:** Intelligent control possible

**Secure investment:** Replacement part availability of at least 20 years

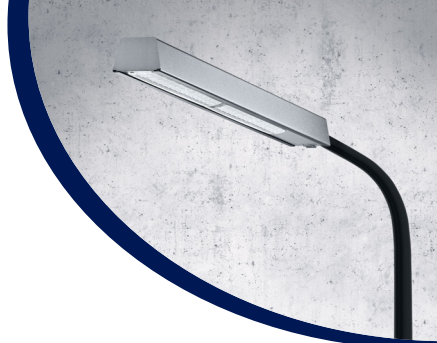
**Application areas:**

- Roads in residential areas
- Main roads
- Industrial outdoor areas

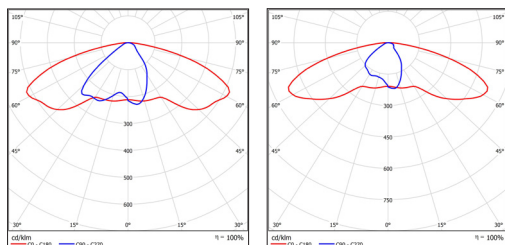


**HELLUX**

# SLIM TWIN



## Example of luminous intensity distribution:



LIGHT HOUSING	
Material	Aluminum extruded profile
Colour (powder coating)	DB703
Mounting type	42 mm spigot size      60 mm   65 mm spigot size
Dimensions	1.440 x 135 x 110 mm      1.160 x 135 x 110 mm
Weight	app. 7,7 kg (without connecting cable)      app. 6,8 kg (without connecting cable)
Exposed wind surface	0,15 m <sup>2</sup> 0,12 m <sup>2</sup>
IP Protection class	IP 66   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	bis zu 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, 1-10 V or DALI
Rated lifetime at (ta) 30 °C	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 / Frequency	220 – 240 V   50 – 60 Hz
Surge protection	10 kV
INSTALLATION REQUIREMENTS	
Application areas	Roads in residential areas, main roads, industrial outdoor areas
Light point height	4 - 8 m
Lighting classes	ME   S
Permissible ambient temperature (ta)	-40 °C to +35 °C
OTHER PROPERTIES	
Certification	CE