

# HELIOS/110V

The extremely long range LED based IR-illuminator



## Product information

Especially suitable for discrete and unobtrusive video surveillance in combination with infrared sensitive cameras. Using LEDs of the latest generation, very large illumination distances can be reached. Due to the ingress protection (IP66) the product is suitable for outdoor and indoor applications.

- | High efficiency
- | Low heat emission
- | High operational safety, even in case of LED failure
- | Low maintenance
- | Large IR illumination range
- | Integrated twilight switcher
- | Eye protection rating according to VDE 0837 DIN EN 60825-1 standards, 3A rating

**GEUTEBRÜCK**

Competence in Video Security

## Technical data

	<b>Helios- WIDE/50°/110V</b>	<b>Helios- NARROW/25°/110V</b>	<b>Helios- SPOT/10°/110V</b>
Radiation angle	Approx. 50°	Approx. 25°	Approx. 10°
Wavelength	880 nm		
Range	Approx. 60 m	Approx. 100 m	Approx. 200 m
Number of LEDs	340		
Operating temperature range	- 20 °C to + 30 °C (recommended) / max. 40 °C LED lifespan is dependent from temperature. Avoid operating temperatures above + 30 °C.		
Twilight switcher	ON: less than approx. 500 Lux / OFF: greater than 600 Lux, delayed		
LED failure characteristics	Failure of LED group (20 LEDs): decrease in performance by 5 %		
Operating voltage	100 to 110 V AC ± 10 %		
Current consumption	Approx. 0.5 A		
Power consumption	Approx. 60 W at 110 V AC		
Casing	Aluminium, black finish, front pane mostly opaque		
Protection rating	IP 66		
Dimensions in mm (W x H x D)	245 x 165 x 152 - with mounting clamp 235 mm (H)		
Weight	Approx. 2.9 kg		
<b>Order No.</b>	<b>0.19795</b>	<b>0.19790</b>	<b>0.19785</b>