Helios/L-IR

The LED IR-illuminator with high power and adaptive illumination

Product information

Especially suitable for discrete and unobtrusive video surveillance in combination with infrared sensitive cameras. Using SMT-LED´s of the latest generation, very large illumination distances can be reached. The adaptive illumination feature allows a reliable video surveillance with an optimum and even illumination in all situations. Extremely low electrical consumption can be guaranteed by using high efficiency diodes in combination with an optimized cooling design. This will lead to long life times with constant lighting. Due to the ingress protection of IP 66 the product is suitable for outdoor and indoor applications, while the polycarbonate front cover protects the illuminator securely against vandalism. Various additional features like dimming or short time light boost can be controlled via the PSU´s contact input.

| High efficiency and long range IR illumination
| Adaptive and even illumination with active LED life control
| High operational safety, even in case of LED failure
| Zero maintenance and vandalism proof design
| Intelligent PSU with enhanced functions to be controlled via input contact
| PSU-integrated twilight switch
| Eye protection rating according to VDE 0837, DIN EN 60825-1 standards, 3A rating

GEUTEBRÜCK
Competence in Video Security

Technical data

	Helios/L-IR-10	Helios/L-IR-30	Helios/L-IR-50	Helios/L-IR-120
Radiation angle (Adaptive)	10° - 20°	30° - 60°	50° - 100°	120° - 180°
Wavelength	850 nm			
Max. range	300 m	160 m	112 m	64 m
Number of LEDs	48			
LED mounting technology	SMT-LED´s			
Operating temperature range	-50°C bis + 50°C			
Twilight switcher	PSU inbuilt			
Operating voltage	13.5 V (Current controlled)			
Cable length	2,5 m			
Casing	Aluminium, powder coated, front pane opaque			
Color	Black (RAL 9005)			
Protection rating	IP 66			
Dimensions in mm (W x H x D)	280 x 195 x 66			
Weight	4 kg			
Order No.	**5.19700**	**5.19701**	**5.19702**	**5.19703**

PSU	Available in 1 version: **Helios/L-PSU-1**
Voltage range	100 - 240 V AC (Wide range)
Power	80 W max.
Twilight switcher	Photo cell with adjustable twighlight level
Contact output	Linked to photo cell for switching of day/night cameras
Contact input	Extended functions can be controlled: Eco-Logic mode (Eco mode: 50 % power, On request: 100 %), Timer control of various modes, Remote dimming, Boost function to increase light output by 33 % for short periods, Perma-Light function to provide a constant lamp output over the complete operating period.
Color	Grey
Protection rating	IP 66
Dimensions in mm (W x H x D)	160 x 160 x 90
Weight	1.8 kg
Order No.	**5.20000**

Mounting accessories	Available:
Wall bracket	Helios/BWM-001 (Black): 5.18695
Pole mount plate	Helios/PSU-1/MMS-Adapter: 5.18215
Pole mount adapter with tensioning band	WPH/PMA-345: 5.18372
Pole mount adapter with clamp 1x	WPH/PMA-451: 5.18210
Pole mount adapter with clamp 2x	WPH/PMA-452: 5.18211

Technical alterations reserved

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