G-Lite/IR-C

The compact IR solution for video surveillance applications

Product information

With its innovative and very compact design providing a wavelength of 850 / 940 nm the illuminators offer an unobtrusive lighting solution for use with all suitable day & night cameras. Using SMT-LED´s of the latest generation, very large illumination distances can be reached. Each model comes with 2 additional diffusor panes for adjusting the beam angle individually. Together with the adaptive illumination feature, this extremely flexible illuminator allows you to adjust the angle of illumination in order to match the field of view of the camera providing 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 poly-carbonate front cover protects the illuminator securely against vandalism. The integrated wide range PSU, plugging direct into mains, allows simple and easy installation for any surveillance system.

| High efficiency and long range IR illumination

| Adaptive and particular even illumination by using exchangeable diffusor panes

| 2 additional diffusor panes included

| High operational safety, even in case of LED failure

| Zero maintenance and vandalism proof design

| Switching via integrated twilight switch or via contact input

| Eye protection rating according to VDE 0837, DIN EN 60825-1 standards, 3A rating

GEUTEBRÜCK
Competence in Video Security

Technical data

IR-Illuminator	Available in 2 versions: **G-Lite/IR850-C, G-Lite/IR940-C**
Radiation angle (Adaptive)	Possible 3 radiation angles using diffusor panes (within scope of delivery): Without pane: 10° - 20° With diffusor pane G-Lite/Diffusor-35°: 35° - 70° With diffusor pane G-Lite/Diffusor-60°: 60° - 120°
Wavelength	G-Lite/IR850-C: 850 nm G-Lite/IR940-C: 940 nm
Max. range	G-Lite/IR850-C: Without pane: 170 m (550 ft) With diffusor pane G-Lite/Diffusor-35°: 90 m (300 ft) With diffusor pane G-Lite/Diffusor-60°: 65 m (210 ft) G-Lite/IR940-C: Less compared to IR850-C depending on the sensitivity of the camera used
Number of LEDs	32 High Power
LED mounting technology	SMT-LED´s
Operating temperature range	- 30 °C to + 40 °C
Twilight switcher	Inbuilt (Photo cell with adjustable twighlight level)
Contact output	Linked to photo cell for switching of day/night cameras
Contact input	For remote switching (Telemetry) via event (voltage free)
Operating voltage	110 - 240 V AC (Wide range)
Power	56 W max.
Casing	Aluminium, powder coated, front pane opaque
Color	Black (RAL 9005)
Protection rating	IP 66
Dimensions in mm (W x H x D)	247 x 168 x 169
Weight	2.5 kg
Order No.	**G-Lite/IR850-C: 5.19750, G-Lite/IR940-C: 5.19751**

Optional accessories:	
Helios/BWM-001 - Wall mount bracket	**5.18695**
WPH/PMA-345 - Pole mount adapter	**5.18372**
WPH/PMA-451 - Pole mount adapter 1x	**5.18210**
WPH/PMA-452 - Pole mount adapter 2x	**5.18211**
G-Lite/Diffusor-80° - 2x diffusor panes	**5.19770**
G-Lite/Diffusor-120° - 2x diffusor panes	**5.19771**

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