

HELIOS

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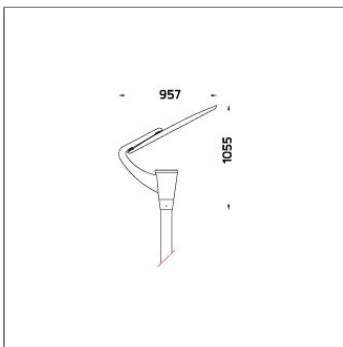
POLE MOUNTED LIGHT



LAST UPDATE: 07-04-2025



HELIOS family is a large wall mounted area light and pole-top luminaire with symmetrical and asymmetrical indirect light distribution. The indirect light from the luminaire generates a uniform and glare free illumination. The recommended mounting height is between 3 – 5 meters from the ground. HELIOS is available with COB LED light source in two wattages in 2700K, 3000K or 4000K. It is also available in HID light source with conventional control gear. It is suitable for parking lots, public parks, pedestrian, squares and open areas where glare control is required. The luminaire blends well with all contemporary architectural design during the day and night. Available as an option are Aluminium Poles, Galvanized steel poles and anchorage unit for concrete foundations.



Technical Data



| | |
|-----------------------|--------------------|
| Ordering Code : | 7221-O-3-903-XX |
| Lamp : | LED |
| CCT : | 3000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 11170 lm |
| Luminaire Lumen : | 6130 lm |
| Lamp Wattage : | 70 W |
| Luminaire Wattage : | 75 W |
| Efficacy : | 81 lm/W |
| Ambient Temperature : | 40°C |
| Lumen Maintenance | L70B10 >60,000 h |
| Controller : | On-Off |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | 21.70 kg. |

Ordering code guide

XXXX-X-X-XXX-XX
A B C D E

- A Product Code
- B Reflector
- C Electrical Component
- D Lamp
- E Color



Icon definition

*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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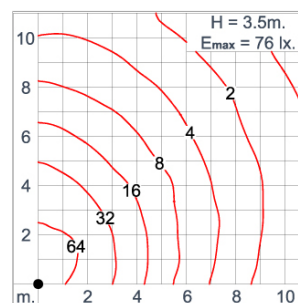
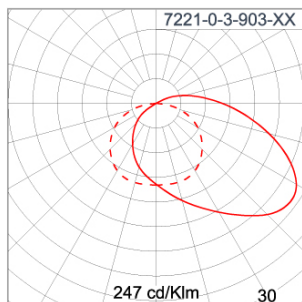
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Specification

| | |
|-------------------------|---|
| IEC Standard | IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires |
| Protection | IP65 Class I |
| IK Rating | Protection against mechanical impact IK10 on body and IK07 on optical part. |
| Luminaires Body Housing | High-pressure Die Cast Aluminium alloy body and components. |
| Coating Process | Nano Ceramic surface conversion, resistant to corrosive environment. Luminaire primarily coated with epoxy resin and top coated with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C. |
| Diffuser | Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C. Glass flushes to the front cover, no accumulation of dust and water. |
| Reflector | Secondary reflector made from injected GFR polymer with bone structure with white coated aluminium. |
| Gasket | Post-cured treated silicone gasket. Temperature and weather resistant. Working temperature -40°C to +200°C. |
| External Screws | External screws are in stainless steel with protection grease. |
| Led | High efficiency LED module in COB technology. Assembled on MCPCB and mounted on to heat conductive material. |
| Driver | High quality constant current LED driver. Conform to safety standard and electromagnetic compatibility standard. |
| Enhanced Protection | The luminaire is equipped with a 10kV surge protection device, the function of the protector is indicated by a LED, performance in compliance with IEC61643-11 |
| Internal Wire | Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C. |
| Terminal Block | Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved. Class1 luminaire provided with the earth connection. |
| Caution | Installation work has to be carried on according to the enclosed installation manual. |
| Color | <div> <div>Black O1</div> <div>Graphite O2</div> <div>Dark Grey O3</div> <div>Aluminum Silver O4</div> <div>White O6</div> </div> |

Light Distribution



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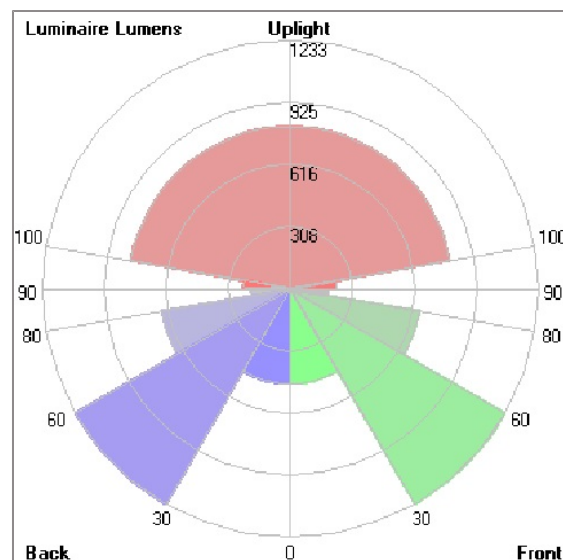
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Bug Report



Lum. Classification System (LCS)

| LCS | Zone | %Lumens | %Lamp | %Lum |
|------------|-----------|----------|-------|-------|
| FL | [0-30] | 471.6 | 4.2 | 7.7 |
| FM | [30-60] | 1233.0 | 11.0 | 20.1 |
| FH | [60-80] | 650.1 | 5.8 | 10.6 |
| FVH | [80-90] | 192.9 | 1.7 | 3.1 |
| BL | [0-30] | 471.6 | 4.2 | 7.7 |
| BM | [30-60] | 1233.0 | 11.0 | 20.1 |
| BH | [60-80] | 650.1 | 5.8 | 10.6 |
| BVH | [80-90] | 192.9 | 1.7 | 3.1 |
| UL | [90-100] | 231.8 | 2.1 | 3.8 |
| UH | [100-180] | 803.2 | 7.2 | 13.1 |
| Total | | 6130.2 | 54.7 | 100.0 |
| BUG Rating | | B2-U4-G2 | | |

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Accessories



Ordering Code:
ALUMINIUM-POLE-FOR-HELIOS
Please contact Sales
Representative



Ordering Code:
STEEL-POLE-FOR-HELIOS
Please contact Sales
Representative



Ordering Code:
AUN-ACB-0008-00
Anchor bolt kit, pole
diameter 102mm and
151x102mm, galvanized
steel pole



Ordering Code:
AUN-ACB-0005-00
Anchor bolt kit, aluminum
pole