

EQUINOX

NEO EQUINOX – DS

POLE MOUNTED LIGHT



LAST UPDATE: 24-02-2025



EQUINOX is the trapezium-shaped linear light fixture for residential community, commercial area and public space. It is operated with the LED light source with high CRI and 3-step SDCM. It can be used on a pole as a pole top luminaire or with a clamping unit at different height. A wall mounted version for area light application is also available. With high quality LED in 3000K and 4000K EQUINOX is an economical luminaire that provides general illumination with excellent lighting levels. The exceptional lens system distributes the light efficiently onto the surfaces. Aluminium Poles, Galvanized steel poles and anchorage unit for concrete foundations are available as accessories.



Technical Data



| | |
|-----------------------|--------------------|
| Ordering Code : | 7718-B-4-541-XX |
| Lamp : | LED |
| Beam : | 28° |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 5 |
| Lamp Lumen : | 2x5040 lm |
| Luminaire Lumen : | 6420 lm |
| Lamp Wattage : | 2x28 W |
| Luminaire Wattage : | 64 W |
| Efficacy : | 100 lm/W |
| Ambient Temperature : | 35°C |
| Lumen Maintenance | L70B10 >54,000 h |
| Controller : | DIM 1-10V |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | 10.00 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

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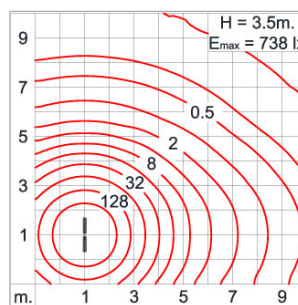
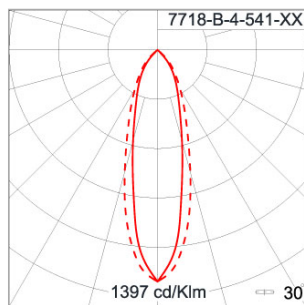


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Specification

| | | | | | | | | | | | |
|-------------------------|---|--|----------|--|-------------|--|--------------|--|--------------------|--|----------|
| IEC Standard | IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires | | | | | | | | | | |
| Protection | IP66 Class I | | | | | | | | | | |
| IK Rating | Protection against mechanical impact IK08 on body and IK07 optical part. | | | | | | | | | | |
| Luminaires Body Housing | High-pressure die cast aluminum alloy body and components. Extruded aluminum S6063 alloy body with low copper content. | | | | | | | | | | |
| 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. | | | | | | | | | | |
| Lens | Molded PMMA lens from renowned manufacturers in various light distribution patterns. | | | | | | | | | | |
| 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. | | | | | | | | | | |
| Cable Entry | Cable entry protected by weather proof grommet. To be used with HO5RN-F/ HO7RN-F cable with 6-13mm. diameter. | | | | | | | | | | |
| Led | High efficiency LED module. Assembled on FR4 and mounted on to heat conductive material. | | | | | | | | | | |
| Driver | High quality Dimmable Driver [1-10V] in constant current. Conform to applicable safety standards and electromagnetic compatibility. | | | | | | | | | | |
| 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. | | | | | | | | | | |
| Pre-Wire Cable | Pre-wired with 5-core cable for power [3x1 sqmm.] and dimming signal [2x0.35 sqmm.]. | | | | | | | | | | |
| Caution | Installation work has to be carried on according to the enclosed installation manual. | | | | | | | | | | |
| Color | <table><tr><td></td><td>Black 01</td></tr><tr><td></td><td>Graphite 02</td></tr><tr><td></td><td>Dark Grey 03</td></tr><tr><td></td><td>Aluminum Silver 04</td></tr><tr><td></td><td>White 06</td></tr></table> | | Black 01 | | Graphite 02 | | Dark Grey 03 | | Aluminum Silver 04 | | White 06 |
| | Black 01 | | | | | | | | | | |
| | Graphite 02 | | | | | | | | | | |
| | Dark Grey 03 | | | | | | | | | | |
| | Aluminum Silver 04 | | | | | | | | | | |
| | White 06 | | | | | | | | | | |

Light Distribution



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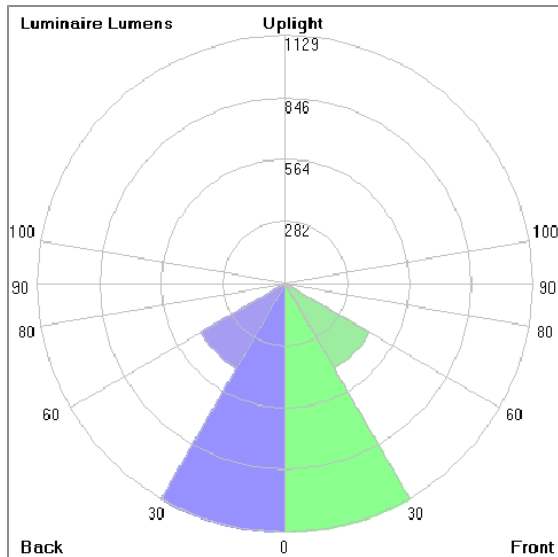
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Bug Report



Lum. Classification System [LCS]

| LCS | Zone | %Lumens | %Lamp | %Lum |
|------------|-----------|----------|-------|-------|
| FL | [0-30] | 1128.5 | 22.4 | 35.1 |
| FM | [30-60] | 441.3 | 8.8 | 13.7 |
| FH | [60-80] | 34.0 | 0.7 | 1.1 |
| FVH | [80-90] | 1.2 | 0.0 | 0.0 |
| BL | [0-30] | 1128.5 | 22.4 | 35.1 |
| BM | [30-60] | 441.3 | 8.8 | 13.7 |
| BH | [60-80] | 34.0 | 0.7 | 1.1 |
| BVH | [80-90] | 1.2 | 0.0 | 0.0 |
| UL | [90-100] | < 0.05 | 0.0 | 0.0 |
| UH | [100-180] | 1.5 | 0.0 | 0.0 |
| Total | | 3211.5 | 63.8 | 100.0 |
| BUG Rating | | B3-U1-G0 | | |

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Accessories



Ordering Code:
AUN-ACB-0009-00
Anchor bolt kit, pole
diameter 114 and 114/140,
galvanized steel pole



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



Ordering Code:
ALUMINUM-POLE-NEO-EQUINOX-POLE-TOP
Please contact Sales
Representative



Ordering Code:
STEEL-POLE-NEO-EQUINOX-POLE-TOP
Please contact Sales
Representative

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