

# EQUINOX

NEO EQUINOX – DS

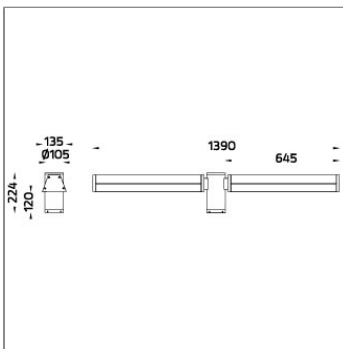
POLE MOUNTED



LAST UPDATE: 13-08-2024



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-K-5-670-XX    |
| Lamp :                | LED                |
| Beam :                | T2                 |
| CCT :                 | 2700 K             |
| CRI :                 | CRI >80            |
| SDCM :                | SDCM = 3           |
| Lamp Lumen :          | 2x5420 lm          |
| Luminaire Lumen :     | 8600 lm            |
| Lamp Wattage :        | 2x43 W             |
| Luminaire Wattage :   | 98 W               |
| Efficacy :            | 87 lm/W            |
| Ambient Temperature : | 25°C               |
| Lumen Maintenance     | L80B10 >108,000 h  |
| Controller :          | DALI               |
| Input Voltage :       | 220-240Vac 50/60Hz |
| Net Weight :          | 13.00 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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Unilamp Co., Ltd.  
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand  
Tel : +66(O)2 943 2420-1, +66(O)2 946 4170-1  
Fax : +66(O)2 943 2419  
online@unilamp.co.th  
www.unilamp.co.th

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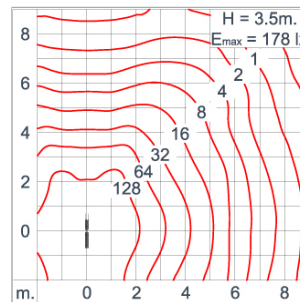
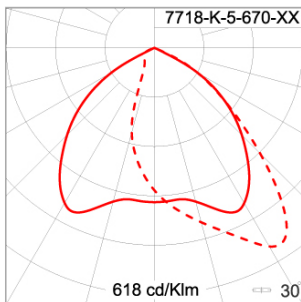


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### Specification

|                         |   |  |          |  |             |  |              |  |                    |  |          |  |                 |
|-------------------------|---|--|----------|--|-------------|--|--------------|--|--------------------|--|----------|--|-----------------|
| IEC Standard            | IEC 60598-1 General Requirement<br>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.<br>Extruded aluminum 56063 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 PC 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 utilized chips from world renowned manufacturer. Assembled on MCPCB and mounted on to heat conductive material.  |  |          |  |             |  |              |  |                    |  |          |  |                 |
| Driver                  | High quality DALI Driver 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 O1</td></tr><tr><td></td><td>Graphite O2</td></tr><tr><td></td><td>Dark Grey O3</td></tr><tr><td></td><td>Aluminum Silver O4</td></tr><tr><td></td><td>White O6</td></tr><tr><td></td><td>Wooden Brown O7</td></tr></table> |  | Black O1 |  | Graphite O2 |  | Dark Grey O3 |  | Aluminum Silver O4 |  | White O6 |  | Wooden Brown O7 |
|                         | Black O1  |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | Graphite O2   |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | Dark Grey O3  |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | Aluminum Silver O4  |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | White O6  |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | Wooden Brown O7   |  |          |  |             |  |              |  |                    |  |          |  |                 |

### Light Distribution



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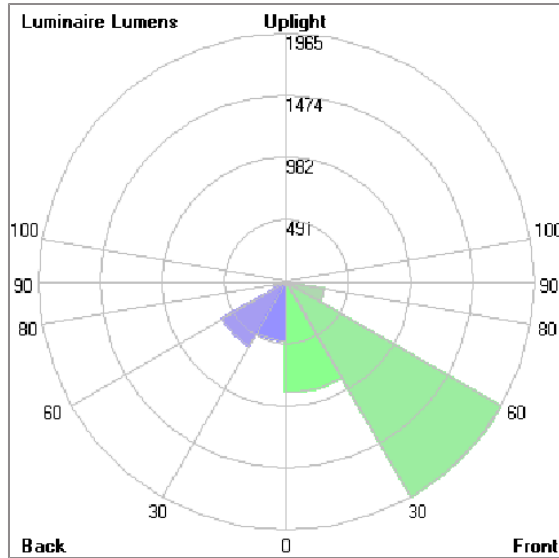
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## Bug Report



### Lum. Classification System [LCS]

| LCS        | Zone      | %Lumens  | %Lamp | %Lum  |
|------------|-----------|----------|-------|-------|
| FL         | [0-30]    | 876.3    | 8.1   | 20.4  |
| FM         | [30-60]   | 1965.0   | 18.1  | 45.7  |
| FH         | [60-80]   | 304.4    | 2.8   | 7.1   |
| FVH        | [80-90]   | 3.4      | 0.0   | 0.1   |
| BL         | [0-30]    | 466.8    | 4.3   | 10.9  |
| BM         | [30-60]   | 586.8    | 5.4   | 13.7  |
| BH         | [60-80]   | 92.5     | 0.9   | 2.2   |
| BVH        | [80-90]   | 1.8      | 0.0   | 0.0   |
| UL         | [90-100]  | 0.0      | 0.0   | 0.0   |
| UH         | [100-180] | 0.3      | 0.0   | 0.0   |
| Total      |           | 4297.3   | 39.6  | 100.0 |
| BUG Rating |           | B1-U1-G0 |       |       |

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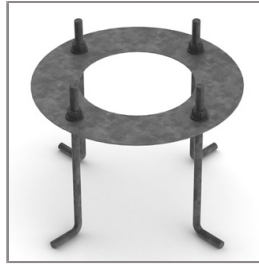
## Accessories



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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