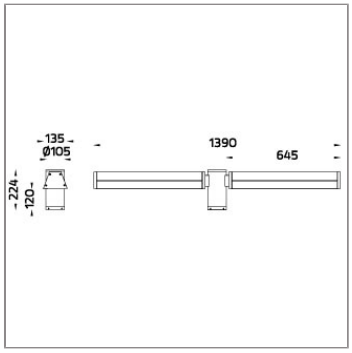
EQUINOX

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-H-3-675-XX
Lamp :	LED
Beam :	109°/24°
CCT :	4000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	2x4020 lm
Luminaire Lumen :	6660 lm
Lamp Wattage :	2x28 W
Luminaire Wattage :	64 W
Efficacy :	104 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L80B10 >108,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	12.80 kg.

Ordering code guide

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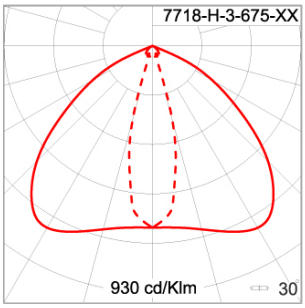
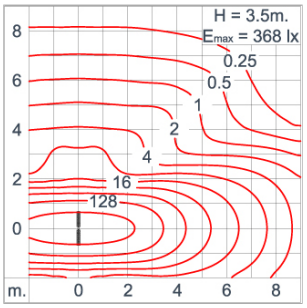
Specification

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. Luminiare 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 H05RN-F/ H07RN-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 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.
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	Black 01 Graphite 02 Dark Grey 03 Aluminum Silver 04 White 06

Light Distribution





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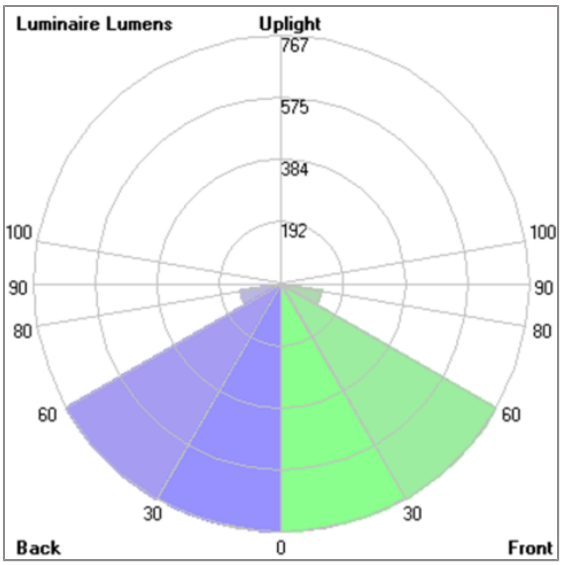
Bug Report



Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	(0-30)	765.5	9.5	23.0
FM	(30-60)	767.0	9.5	23.1
FH	(60-80)	127.3	1.6	3.8
FVH	(80-90)	1.2	0.0	0.0
BL	(0-30)	765.5	9.5	23.0
BM	(30-60)	767.0	9.5	23.1
BH	(60-80)	127.3	1.6	3.8
BVH	(80-90)	1.2	0.0	0.0
UL	(90-100)	0.0	0.0	0.0
UH	(100-180)	0.4	0.0	0.0
Total		3322.4	41.2	100.0
BUG Rating		**B2-U1-G1**		

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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
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