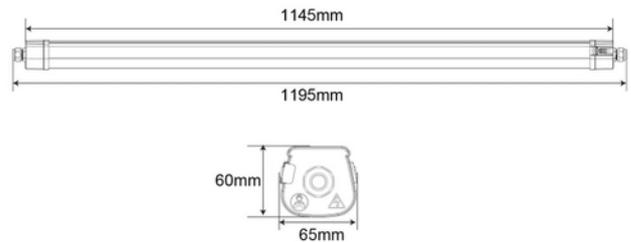


**PRODUCT DATA SHEET**

Orion G2 EMG 5800lm 840 35/30/24/19W 120° 1200mm

Art.no: 102611-E-120-1

*Lighting Solutions*

Orion G2 EMG 5800lm 840 35/30/24/19W 120° 1200mm



Orion is an energy-efficient industrial luminaire. With IP65 and IK08, it is suitable for use in tough environments both indoors and outdoors, in wet and dusty surroundings. The luminaire is equipped with a power switch where you can easily change the output via a DIP switch. Through-wiring for series installation and QuickConnect for easy installation. This product is also available with a microwave sensor with wireless communication between luminaires, using the Norlux Wireless Connect system for control.

ELECTRICAL DATA	
Protection Class (system)	1
Dimming (system)	Emergency
Voltage (system) [V]	230V 50Hz
Emergency light (h)	3 hours
Emergency light testing	Selftest

TECHNICAL DATA	
IK (system)	IK08
IP (system)	IP65

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TECHNICAL DATA	
Outdoor	No
Operating temperature (°C)	-20 - 40
Through-wiring (mm ²)	5x2,5

PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	150
CRI / Ra (>=)	80
CCT (Color Temperature) (K)	4000
Color Code	840
Lightsource Type	LED (replaceable)
Socket / Cap-Base	N/A
Lens (Diffuser)	Frosted
Lifetime (h)	L80B10: 100 000
MacAdam (SDCM)	3
Manufacturer (light source)	Shenzhen leadopto Technology Co.Ltd
Forward Current LED (min-max) (mA)	0 - 150
Emergency lumen out (lm)	350

DRIVER	
Manufacturer (driver)	Lifud
Protection Class (driver)	1
Flicker metric (Pst LM) <	1.0
Stroboscopic effect metric (SVM) <	0.4
Max Output Voltage (V)	114
Dimming (driver)	None
IP (driver)	IP20
Expected Lifetime (driver) (h)	100000
Flicker-free	Yes
Constant current or voltage (CC or CV)	CC
CC (driver) [mA]	200 - 350
Output Current Tolerance (%)	5.0
Current Ripple (%)	5.0
Max load pr circuit - B10	13
Max load pr circuit - B16	22
Max load pr circuit - C10	22

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DRIVER	
Max load pr circuit - C16	37
Max load pr circuit - C20	45
Max load pr circuit - C25	57
Max load pr circuit - C32	80
Leakage current (mA)	0.7
Inrush current time (µs)	190.0
Inrush current I _{max} (A)	30.0

DIMENSIONS	
Length (product) (mm)	1225.0
Width (product) (mm)	65.0
Height (product) (mm)	60.0
Weight (product) (kg)	1.22

MATERIALS AND SURFACES	
Color	Grey
RAL Code	RAL7035

INSTALLATION AND CONNECTION	
Areas of use	Industrial, Parkinghouse
Mounting	Surface, Suspended
Connection (system)	QuickConnect

ENERGY AND CERTIFICATIONS	
Energy Class EPREL	B
CE mark	Yes



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Lighting Solutions

LIGHT DISTRIBUTION

