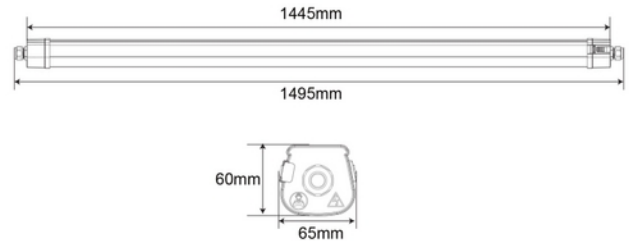


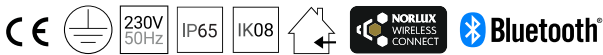
**PRODUCT DATA SHEET**

Orion G2 NWC 6400lm 840 40W 120° 1500mm

Art.no: 102616-NW-120-1

*Lighting Solutions*

Orion G2 NWC 6400lm 840 40W 120° 1500mm



Orion G2 NWC is an energy-efficient industrial luminaire. With IP65 and IK08 ratings, it is suitable for use in harsh environments both indoors and outdoors, in wet and dusty conditions. The luminaire is equipped with a power switch allowing you to easily adjust the output via a DIP switch. It features through-wiring for series installation and QuickConnect for easy installation. With Norlux Wireless Connect integrated into the luminaire, you have modern lighting control technology without the need for additional wiring. This opens up possibilities for control, dimming, individual grouping, and sensor functionality entirely wirelessly with Bluetooth communication. Easy programming via smartphone (iOS or Android).

[Norlux Wireless Connect – iOS](#)

[Norlux Wireless Connect – Android](#)

The luminaire has many applications such as in industrial and warehouse settings.

ELECTRICAL DATA	
Protection Class (system)	1
Dimming (system)	Norlux Wireless Connect
Voltage (system) [V]	230V 50Hz

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*Lighting Solutions*

TECHNICAL DATA	
IK (system)	IK08
IP (system)	IP65
Outdoor	No
Operating temperature (°C)	-20 - 40
Through-wiring (mm ²)	5x2,5

PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	145
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

DRIVER	
Manufacturer (driver)	Boke
Protection Class (driver)	1
Standby power P _{sb} (W) <	0.5
Flicker metric (P _{st} LM) <	1.0
Stroboscopic effect metric (SVM) <	0.4
Max Output Voltage (V)	42
Dimming (driver)	1-10V
Dimming Minimum Level (%)	1.0
Dimming output type	AM+PWM
IP (driver)	IP20
Expected Lifetime (driver) (h)	100000
Flicker-free	Yes
Constant current or voltage (CC or CV)	CC
CC (driver) [mA]	600 - 1050
Output Current Tolerance (%)	5.0

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*Lighting Solutions*

DRIVER	
Current Ripple (%)	2.0
Max load pr circuit - B10	39
Max load pr circuit - B16	63
Max load pr circuit - C10	39
Max load pr circuit - C16	63
Max load pr circuit - C20	79
Max load pr circuit - C25	99
Max load pr circuit - C32	126
Leakage current (mA)	0.7
Inrush current time (µs)	162.0
Inrush current I _{max} (A)	6.6

CONTROL SYSTEM	
Norlux Wireless Connect	Implemented
Mesh	Yes
System	NWC

DIMENSIONS	
Length (product) (mm)	1525.0
Width (product) (mm)	65.0
Height (product) (mm)	60.0
Weight (product) (kg)	1.3

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



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Lighting Solutions

ENERGY AND CERTIFICATIONS	
CE mark	Yes