



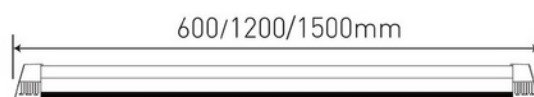
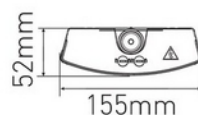
PRODUCT DATA SHEET

Universal G2 NWC EMG 6800lm 830/840 105° 47W 1500mm WH

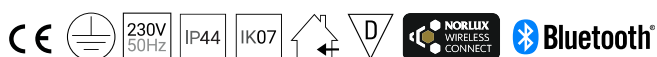
Art.no: 102473-E-NW-105-3



Lighting Solutions



Universal G2 NWC EMG 6800lm 830/840 105° 47W 1500mm WH



Universal is an elegant and splash-proof IP44 LED luminaire for interior and industry. Easy installation with through-wiring. Low glare and up to 150lm/W. With Norlux Wireless Connect integrated in the luminaire, you have modern lighting control technology without the need for extra wiring. This opens up possibilities for control, dimming, individual grouping, and sensors completely wirelessly with Bluetooth communication.

ELECTRICAL DATA

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

TECHNICAL DATA

IK (system)	IK07
IP (system)	IP44
Outdoor	No

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NORLUX®*Lighting Solutions***TECHNICAL DATA**

Operating temperature (°C)	-20 - 40
Through-wiring (mm ²)	5x2,5

PHOTOMETRIC DATA

Efficacy (system) (lm/W)	155
CRI / Ra (>=)	80
CCT (Color Temperature) (K)	3000-4000K
Color Code	830/840
Lightsource Type	LED (built in)
Socket / Cap-Base	N/A
Lens (Diffuser)	Micropris.
Lifetime (h)	L80B10: 100 000
MacAdam (SDCM)	3
UGR (<=)	22
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 Psb (W) <	0.5
Flicker metric (Pst 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]	850 - 1300
Output Current Tolerance (%)	5.0
Current Ripple (%)	2.0
Max load pr circuit - B10	32

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DRIVER	
Max load pr circuit - B16	52
Max load pr circuit - C10	32
Max load pr circuit - C16	52
Max load pr circuit - C20	65
Max load pr circuit - C25	81
Max load pr circuit - C32	103
Leakage current (mA)	0.7
Inrush current time (µs)	152.0
Inrush current I _{max} (A)	6.95

CONTROL SYSTEM	
Norlux Wireless Connect	Implemented
Mesh	Yes
System	NWC

DIMENSIONS	
Length (product) (mm)	1500.0
Width (product) (mm)	156.0
Height (product) (mm)	52.0

MATERIALS AND SURFACES	
Color	White
RAL Code	RAL9003
Housing Material	Steel
Diffuser Material	PMMA

INSTALLATION AND CONNECTION	
Areas of use	Generally, Industrial
Mounting	Surface, Ceiling
Connection (system)	Quickconnectx2

ENERGY AND CERTIFICATIONS	
Energy Class EPREL	C
CE mark	Yes



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ENERGY AND CERTIFICATIONS

D-mark

Yes

LIGHT DISTRIBUTION

