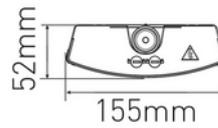


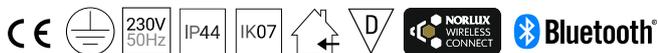
**PRODUCT DATA SHEET**

Universal G2 NWC 2450lm 830 105° 20W 600mm WH

Art.no: 102471-NW-105-3

*Lighting Solutions*

## Universal G2 NWC 2450lm 830 105° 20W 600mm WH



Universal is an elegant and splash-proof IP44 LED luminaire designed for interior and industrial use. It features easy installation with pass-through wiring, low glare, and up to 150lm/W efficiency. The luminaire comes with a DIP switch, allowing you to customize the power level as needed, and the Kelvin can be adjusted between 3000K and 4000K. Available in lengths of 600mm, 1200mm, and 1500mm in on/off, sensor (Microwave), or DALI version. 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)	Norlux Wireless Connect
Voltage (system) [V]	230V 50Hz

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

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*Lighting Solutions*

TECHNICAL DATA	
Operating temperature (°C)	-20 - 40
Through-wiring (mm <sup>2</sup> )	5x2,5

PHOTOMETRIC DATA	
CRI / Ra (>=)	80
CCT (Color Temperature) (K)	3000
Color Code	830
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 P <sub>sb</sub> (W) <	0.5
Flicker metric (P <sub>st</sub> 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]	350 - 800
Output Current Tolerance (%)	5.0
Current Ripple (%)	2.0
Max load pr circuit - B10	52
Max load pr circuit - B16	83

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DRIVER	
Max load pr circuit - C10	52
Max load pr circuit - C16	83
Max load pr circuit - C20	103
Max load pr circuit - C25	129
Max load pr circuit - C32	166
Leakage current (mA)	0.7
Inrush current time ( $\mu$ s)	172.0
Inrush current I <sub>max</sub> (A)	6.5

CONTROL SYSTEM	
Norlux Wireless Connect	Implemented
Mesh	Yes
System	NWC

DIMENSIONS	
Length (product) (mm)	600.0
Width (product) (mm)	156.0
Height (product) (mm)	52.0
Weight (product) (kg)	1.43

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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*Lighting Solutions*

ENERGY AND CERTIFICATIONS	
D-mark	Yes
EPD number	NEPD-11302-11245

**LIGHT DISTRIBUTION**

