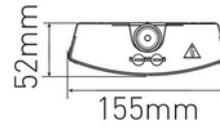


**PRODUCT DATA SHEET**

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

Art.no: 102473-NW-105-3

*Lighting Solutions*

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



Universal is an elegant and splash-proof IP44 LED luminaire for interior and industrial use. Easy installation with through-wiring. Low glare and up to 150lm/W. The luminaire comes with a DIP switch, allowing you to adjust the power level as needed, and the Kelvin can be changed 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, with 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
Operating temperature (°C)	-20 - 40

**PRODUCT DATA SHEET**

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

Art.no: 102473-NW-105-3

*Lighting Solutions*

TECHNICAL DATA	
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 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]	850 - 1300
Output Current Tolerance (%)	5.0
Current Ripple (%)	2.0
Max load pr circuit - B10	32
Max load pr circuit - B16	52

**PRODUCT DATA SHEET**

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

Art.no: 102473-NW-105-3

*Lighting Solutions*

DRIVER	
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 (μ s)	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
D-mark	Yes



PRODUCT DATA SHEET

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

Art.no: 102473-NW-105-3



Lighting Solutions

ENERGY AND CERTIFICATIONS	
EPD number	NEPD-11300-11247

LIGHT DISTRIBUTION

