

**PRODUCT DATA SHEET**

Universal G2 6500lm 830/840 105° 40/35/29/23W 1200mm WH MW

Art.no: 102472-MW-105-3



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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)	Sensor (MW)
Voltage (system) [V]	230V 50Hz

TECHNICAL DATA

IK (system)	IK07
IP (system)	IP44

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*Lighting Solutions*

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

PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	153
CRI / Ra (>=)	80
CCT (Color Temperature) (K)	3000-4000K
Color Code	830/840
Lightsource Type	LED (replaceable)
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)	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
Dimming output type	Amplitude Modulation
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

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DRIVER	
Max load pr circuit - C10	22
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)	1200.0
Width (product) (mm)	156.0
Height (product) (mm)	52.0
Weight (product) (kg)	2.2

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)	QuickConnect

ENERGY AND CERTIFICATIONS	
Energy Class EPREL	C
CE mark	Yes
D-mark	Yes
EPD number	NEPD-11301-11246