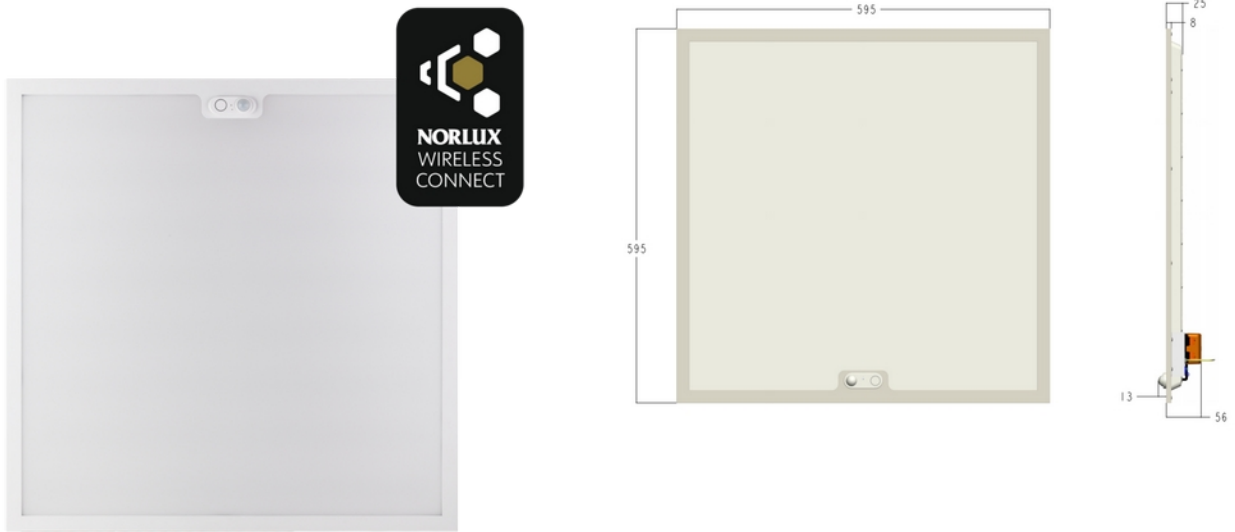


**PRODUCT DATA SHEET**

Panel NWC BL 595x595 4500lm 927-965 28W Prism WH TW+PIR 18i3

Art.no: 103320-NW-90-3

*Lighting Solutions*

Panel NWC BL 595x595 4500lm 927-965 28W Prism WH TW+PIR 18i3



Panel NWC BL 595x595 is a modern lighting solution perfect for office environments and public places. This product is designed to provide efficient lighting with a sleek design that blends into various interior styles.

It is equipped with a microprismatic diffuser for optimal light distribution and a dimming function for flexibility in lighting levels with Tunable White. The IP20 classification makes it suitable for indoor use.

ELECTRICAL DATA	
Dimming (system)	0-10V
Voltage (system) [V]	230V 50Hz

TECHNICAL DATA	
IK (system)	IK02
IP (system)	IP54
Through-wiring (mm ²)	2x0,75
Operating temperature (°C)	-10 - 40

**PRODUCT DATA SHEET**

Panel NWC BL 595x595 4500lm 927-965 28W Prism WH TW+PIR 18i3

Art.no: 103320-NW-90-3

*Lighting Solutions*

TECHNICAL DATA	
Outdoor	No
IP Front/Back (system)	IP54/20

PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	159
Lightsource Type	LED (built in)
Lens (Diffuser)	Micropris.
Lifetime (h)	100 000
UGR (<=)	19
Manufacturer (light source)	MTC OPTOELECTRONICS
CCT (Color Temperature) (K)	2700-6500K
CRI / Ra (>=)	90
MacAdam (SDCM)	3
Forward Current LED (min-max) (mA)	650 - 700
Driftspenning LED (min tp=65) (V)	30.0
Driftspenning LED (max tp=25) (V)	40.0
Preset CCT if switch(Color Temperature) (K)	2700

DRIVER	
Manufacturer (driver)	AGT
Max Output Voltage (V)	40
Dimming Minimum Level (%)	1.0
Dimming Phasecut Type	Leading / Trailing edge
Dimming output type	PWM
IP (driver)	IP20
Expected Lifetime (driver) (h)	50000
CV (driver) [V]	33
Max load pr circuit - B10	89
Max load pr circuit - B16	142
Max load pr circuit - C10	127
Max load pr circuit - C16	202
Max load pr circuit - C20	253
Max load pr circuit - C25	316
Inrush current time (µs)	200.0
Inrush current I _{max} (A)	5.6

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Art.no: 103320-NW-90-3

*Lighting Solutions*

DRIVER	
Standby power P_{sb} (W) <	0.5
Flicker metric (P_{st} LM) <	1.0
Stroboscopic effect metric (SVM) <	0.4
Flicker-free	Yes

DIMENSIONS	
Length (product) (mm)	595.0
Height (product) (mm)	68.0
Width (product) (mm)	595.0
Weight (product) (kg)	2.3

MATERIALS AND SURFACES	
RAL Code	RAL9016
Color	White
Housing Material	Aluminium 6063
Diffuser Material	Polycarbonate

INSTALLATION AND CONNECTION	
Mounting	Recessed
Areas of use	Office
Connection (system)	18i3 Quick connection

ENERGY AND CERTIFICATIONS	
Energy Class EPREL	D
CE mark	Yes