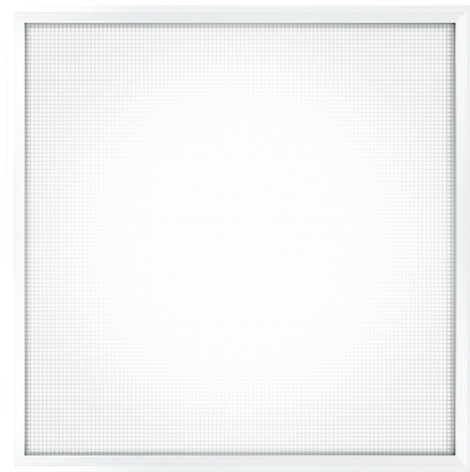


616040BNW19K

LED ARMSTRONG PANEL 40W 60X60CM UGR<19 4500K WITH EMERGENCY KIT

ARMSTRONG LED Panel 60x60cm with Unified Glare Rating (UGR) <19 and emergency kit. 40W power and 3760lm luminous flux. Symmetrical optical opening of 120° and colour temperature of 4500K. IP20 protection rating against external elements and IK06 mechanical impact resistance rating. Made of aluminium with white finish.



PRODUCT SPECIFICATIONS

Item code:	616040BNW19K
Description:	LED Panel with emergency kit
EAN13 code:	8435724902118

ELECTRICAL DATA

Power:	40W
Voltage:	100-277vac
Frequency:	50-60Hz
ENEC certificate for the driver:	YES
TUV certificate for the driver:	YES
Power factor:	0,9
Dimmable:	NOT
Electrical insulation class:	CLASS II
Connection:	L/N

LUMINOUS DATA

Color temperature:	4500K
Luminous efficiency:	94 lm/w
Lumens:	3760lm
LED chip brand:	SMD 4014
Beam angle:	120°
Luminous distribution:	Symmetrical
Color rendering index:	>80
Color rendering index, minimum:	80
Color rendering index, maximum:	83
Standard deviation of colour matching:	<6
Luminous maintenance factor:	L90
Flicker index:	≤1,0
Unified glare rating:	UGR<19

SVM (Stroboscopic Visibility Measure):

≤0,4

Flicker free:

YES

TECHNICAL DATA

Protection rating:	IP20 (Equipment protected against objects >12mm in diameter)
Impact rating:	IK06 (1J)
Operating temperature:	-20°~50°
Mounting type:	Armstrong ceiling recessed

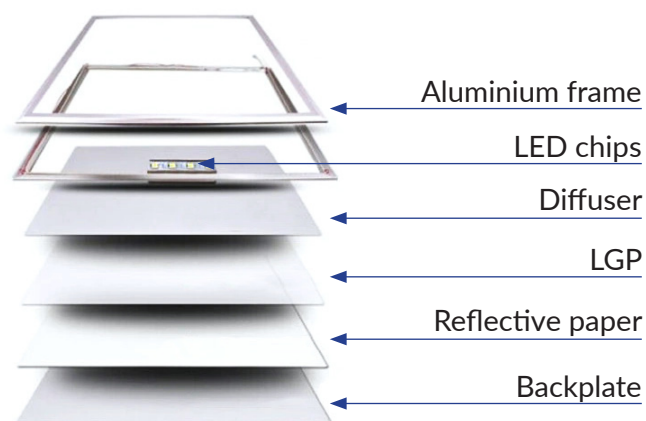
EMERGENCY KIT DATA

Power:	4W
Luminance:	390lm
Autonomy:	90 minutes
Function:	Non-permanent
Battery:	Li-on 3.7v 2500mAh

AVERAGE LIFESPAN

Working hours:	45000 hrs
Switching cycles:	35000 ON/OFF

PHYSICAL DATA



Housing

Material:	Aluminum
Finish:	White

Diffuser

Material:	Polystyrene: 1mm thick
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LGP

Material:	MS: 2mm thick
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Backplate

Material:	Metal: 0,22mm thick
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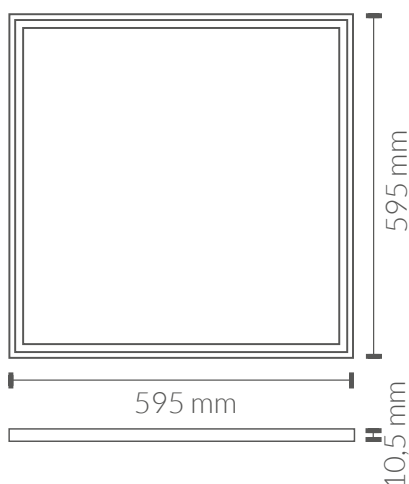
Weight

Weight:	1,65 Kg
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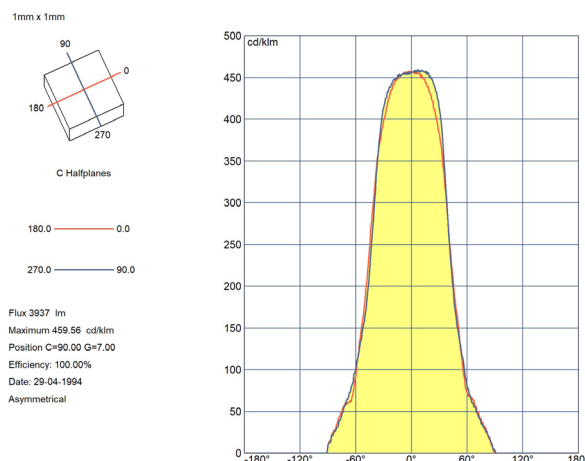
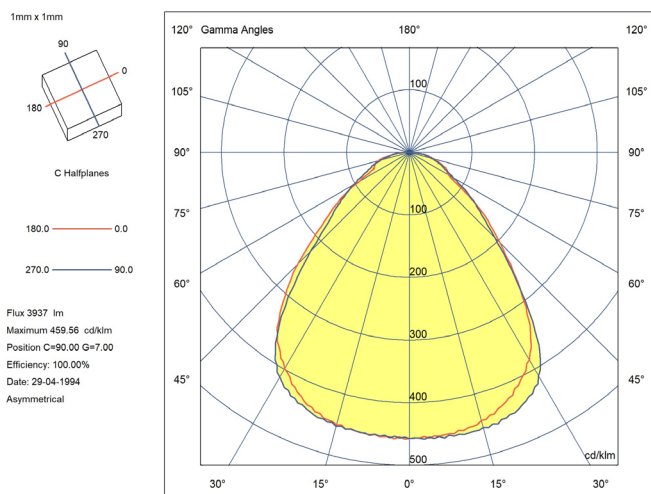
ENERGY EFFICIENCY 2023(UE-2019/2015)

F

DIMENSIONS



LUMINOUS INTENSITY DISTRIBUTION CURVE



CERTIFICATIONS

CE & ROHS

EMC directive 2014/30/EU ELECTROMAGNETIC COMPATIBILIT

- EN IEC 55015** Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.
- EN 61547** Equipment for general lighting purposes - EMC immunity requirements.
- EN IEC 61000-3-2** Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current =16 A per phase).
- EN 61000-3-3** Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.

LVD directive 2014/35/EU LOW VOLTAGE

- EN 60598-1** Luminaires - Part 1: General requirements and tests.
- EN 60598-2-2** Luminaires - Part 2-2: Particular requirements - Recessed luminaires.
- EN IEC 62031** LED modules for general lighting - Safety specifications.
- EN 62493** Assessment of lighting equipment related to human exposure to electromagnetic fields.

RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863

Determination of Certain Substances in Electrotechnical Products.

- IEC 62321-2** **IEC 62321-3-1**
- IEC 62321-4** **IEC 62321-5**
- IEC 62321-6** **IEC 62321-7-2**
- IEC 62321-7-1** **IEC 62321-8**

