TECHNICAL DATA

306020CWK

LED ARMSTRONG PANEL 20W 30X60CM 5700K WITH EMERGENCY KIT

ARMSTRONG LED Panel 30×60 cm with emergency kit. 20W power and 1950lm luminous flux. Symmetrical optical opening of 120° and colour temperature of 5700K. IP44 protection rating against external elements and IK06 mechanical impact resistance rating. Made of aluminium with white finish.

PRODUCT SPECIFICATIONS

Item code:	**306020CWK**
Description:	**LED Panel with emergency kit**
EAN13 code:	**8436568447520**

ELECTRICAL DATA

Power:	**20W**
Voltage:	**198-264vac**
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:	**5700K**
Luminous efficiency:	**98 lm/w**
Lumens:	**1950lm**
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 desviation of colour matching:	**<6**
Luminous maintenance factor:	**L96B10**
Flicker index:	**≤1,0**
Unified glare rating:	**UGR<22**

SVM (Stroboscopic Visibility Measure):	≤0,5
Flicker free:	YES

TECHNICAL DATA

Protection rating:	IP44 (Equipment protected against objects > 1 mm and water splashes)
Impact rating:	IK06 (1J)
Operating temperature:	-20°~50°
Mounting type:	Armstrong ceiling recessed

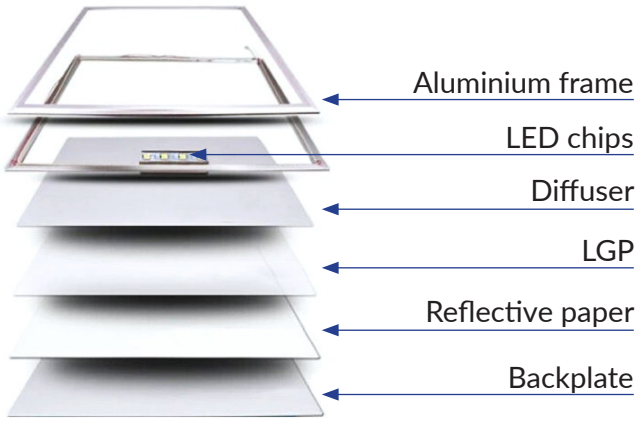
EMERGENCY KIT DATA

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

LGP

Material:	MS: 2mm thick

Backplate

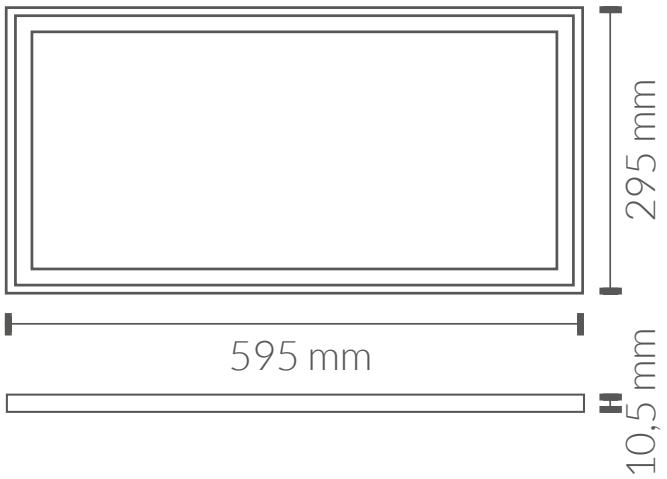
Material:	Metal: 0,22mm thick

Weight

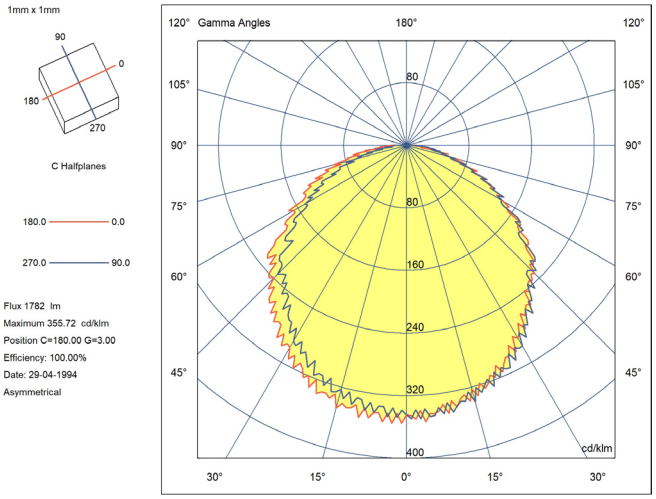
Weight:	1,34 Kg

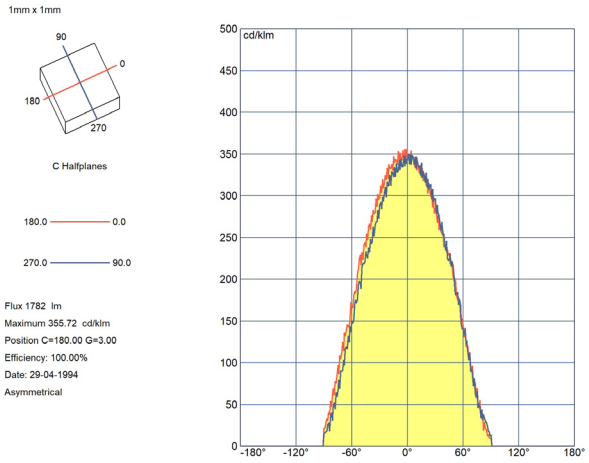
ENERGY EFFICIENCY 2023(UE-2019/2015) F

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**

CE RoHS