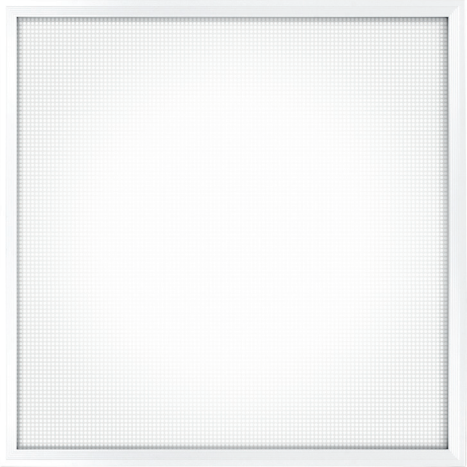
TECHNICAL DATA

606040NW19RK

LED ARMSTRONG PANEL 40W 60X60CM UGR<19 4500K DALI-2 / PUSH DIM DIMMABLE WITH EMERGENCY KIT



ARMSTRONG LED Panel 60x60cm with Unified Glare Rating <19, dimmable with DALI-2/PUSH DIM system and emergency kit. 40W power and 3760lm luminous flux. Symmetrical optical opening of 120° and colour temperature of 4500K. IP44 protection rating against external elements and IK06 mechanical impact resistance rating. Made of aluminium with white finish.

PRODUCT SPECIFICATIONS

Item code:	**606040NW19RK**
Description:	**Dimmable LED Panel with Emergency Kit**
EAN13 code:	**8436568447339**

ELECTRICAL DATA

Power:	**40w**
Voltage:	**180-264vac**
Frequency:	**50-60Hz**
ENEC certificate for the driver:	**YES**
TUV certificate for the driver:	**YES**
Power factor:	**0,9**
Dimmable:	**YES**
Dimming system:	**DALI-2 / PUSH DIM**
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 desviation of colour matching:	**<6**

Luminous maintenance factor:	**L90B10**
Flicker index:	**≤1,0**
Unified glare rating:	**UGR<19**
SVM (Stroboscopic Visibility Measure)::	**≤0,4**
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**

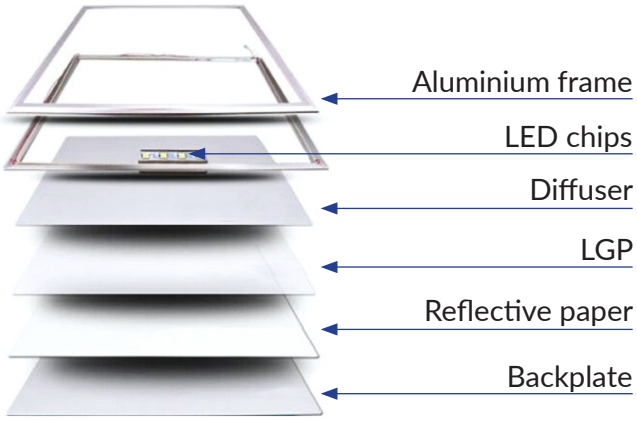
EMERGENCY KIT DATA

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

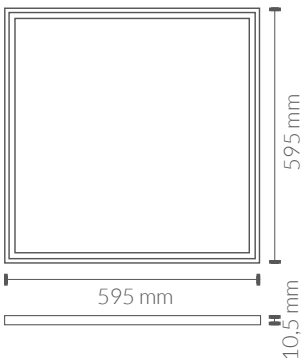
Material:	**Metal: 0,22mm thick**

Weight

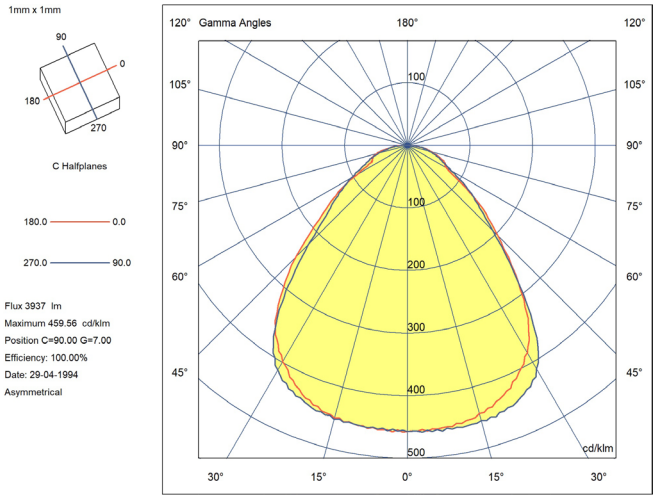
Weight:	**1,65 Kg**

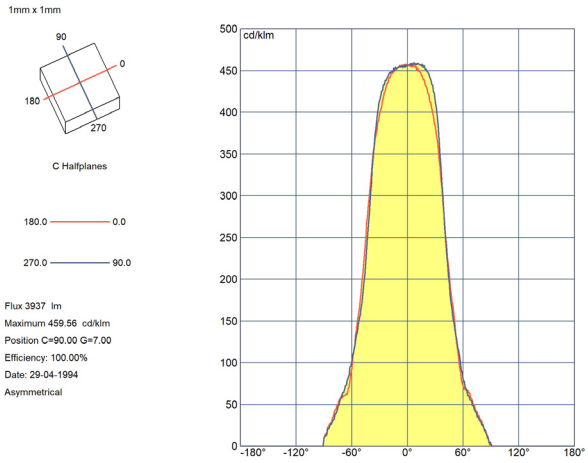
ENERGY EFFICIENCY 2023(UE-2019/2015) F

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