

## 606040CWK

### LED ARMSTRONG PANEL 40W 60X60CM 6000K WITH EMERGENCY KIT

ARMSTRONG LED Panel 60×60 cm with emergency kit. 40W power and 3900lm luminous flux. Symmetrical optical opening of 120° and colour temperature of 6000K. IP20 protection rating against external elements and IK06 mechanical impact resistance rating. Made of aluminium with white finish.



#### PRODUCT SPECIFICATIONS

|              |                              |
|--------------|------------------------------|
| Item code:   | 606040CWK                    |
| Description: | LED Panel with emergency kit |
| EAN13 code:  | 8436568447261                |

#### ELECTRICAL DATA

|                                  |            |
|----------------------------------|------------|
| Power:                           | 40W        |
| Voltage:                         | 185-265vac |
| 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:                      | 6000K       |
| Luminous efficiency:                    | 98 lm/w     |
| Lumens:                                 | 3900lm      |
| 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:            | L96         |
| Flicker index:                          | ≤1,0        |
| Unified glare rating:                   | UGR<22      |

SVM (Stroboscopic Visibility Measure):

≤0,5

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                                   |

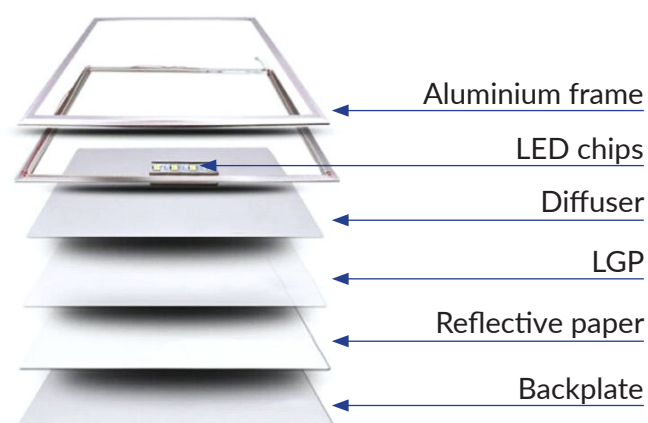
## EMERGENCY KIT DATA

|            |                    |
|------------|--------------------|
| 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 |
|-----------|------------------------|

### LGP

|           |               |
|-----------|---------------|
| Material: | MS: 2mm thick |
|-----------|---------------|

### Backplate

|           |                     |
|-----------|---------------------|
| Material: | Metal: 0,22mm thick |
|-----------|---------------------|

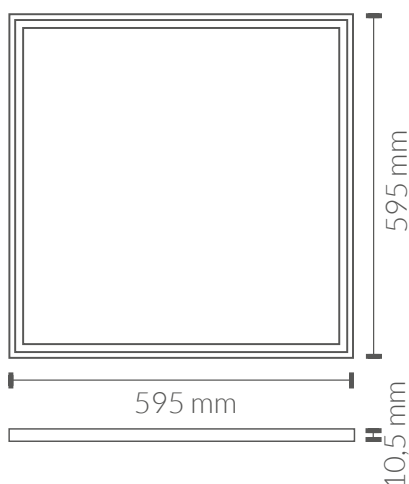
### Weight

|         |         |
|---------|---------|
| Weight: | 1,65 Kg |
|---------|---------|

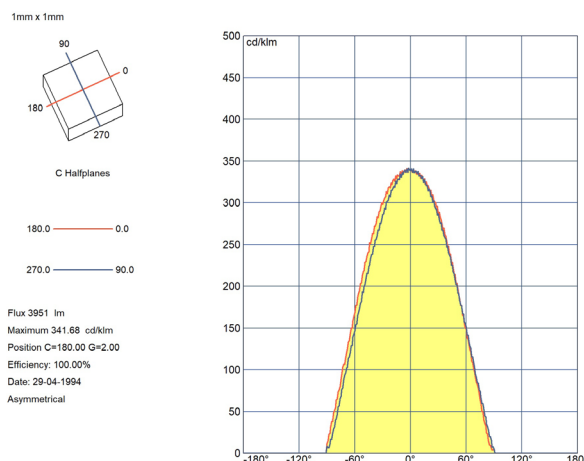
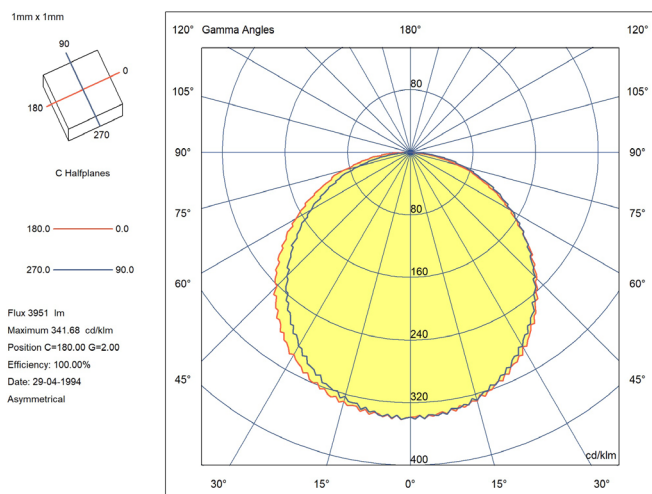
## ENERGY EFFICIENCY 2023(UE-2019/2015)

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## 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  $\leq 16$  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**

