FICHA TÉCNICA

636040CWK

LED LIGHT FRAME 40W 60X60CM 5700K WITH EMERGENCY KIT

LED LIGHT FRAME 60x60cm with emergency kit and multivoltage driver. 40W power and luminous flux of 4000lm. 120° symmetrical optical beam angle and 5700K color temperature. IP20 protection rating against external elements. Made of white finish aluminum and opal finish polycarbonate diffuser.

110V 240V
MULTITENSIÓN

PRODUCT SPECIFICATIONS

Item code:	636040CWK
Description:	LED Light frame
EAN13 code:	8435724902132

ELECTRICAL DATA

Power:	40w
Voltage:	100-277vac
Frequency:	50-60Hz
ENEC Certification:	YES
Power factor:	0,9
Dimmable:	NOT
Electrical insulation class:	CLASS II
Connection:	L/N

LUMINOUS DATA

Color temperature:	5700K
Luminous efficiency:	100 lm/w
Lumens:	4000lm
LED chip model:	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 flux maintenance:	L90B10
Flicker index:	≤1,0

SVM (Stroboscopic Visibility Measure):	**≤0,4**
Flicker free:	**SIM**

TECHNICAL DATA

Protection rating:	**IP20 (Equipment protected against objects >12mm in diameter)**
Operating temperature:	**-20°~50°**
Mounting type:	**Recessed**

EMERGENCY KIT DATA

Power:	**4W**
Luminance:	**400lm**
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

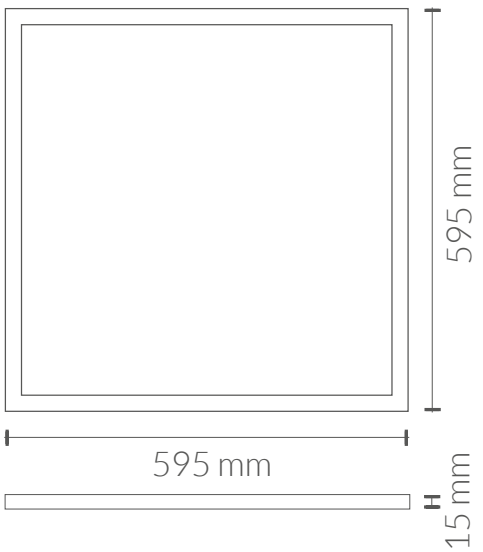
Material:	**Polycarbonate**
Finish:	**Opal**

Weight

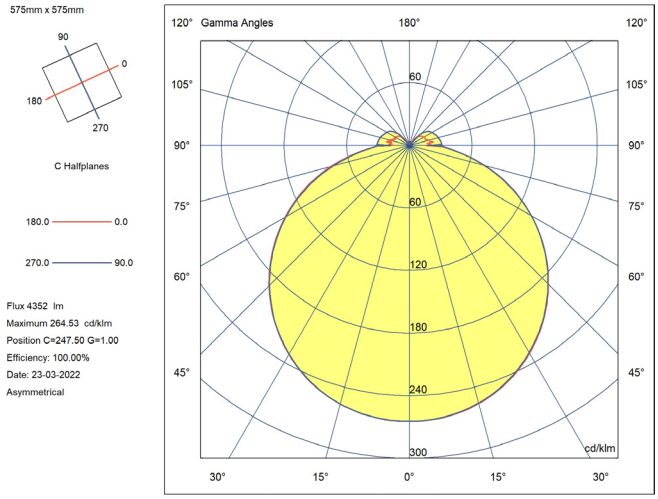
Weight:	**0,40 kg**

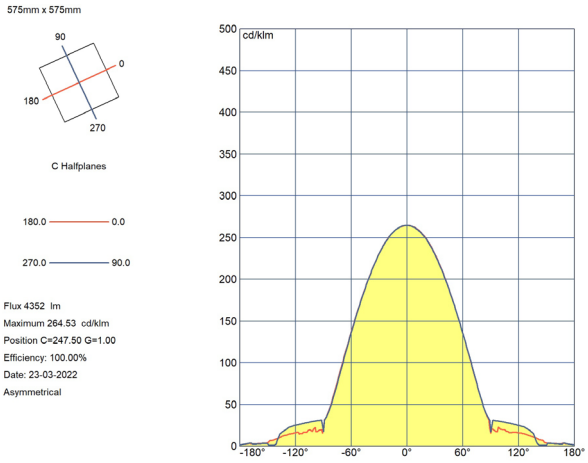
ENERGY EFFICIENCY 2023(UE-2019/2015) F

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 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.
EN 61547	Equipment for general lighting purposes - EMC immunity requirements.

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 Field

RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863
Determination of Certain Substances in Electrotechnical Products.

IEC 62321-1	**IEC62321-2**
IEC 62321-3-1	**IEC 62321-5**
IEC 62321-4	**IEC 62321-6**
IEC 62321-7-1	**IEC 62321-7-2**
IEC 62321-8	

CE RoHS