

636040CW

LED RECESSED LIGHT FRAME 40W 60X60CM 5700K

LED LIGHT FRAME 60x60cm with 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.



PRODUCT SPECIFICATIONS

Item code:	636040CW
Description:	LED Light frame
EAN13 code:	8435724902125

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:	L90
Flicker index:	≤1,0

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

TECHNICAL DATA

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

AVERAGE LIFESPAN

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

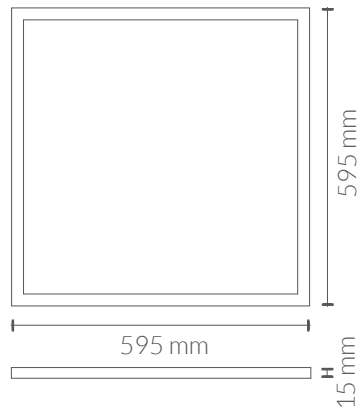
PHYSICAL DATA

Housing	
Material:	Aluminum
Finish:	White
Diffuser	
Material:	Polycarbonate
Finish:	Opal

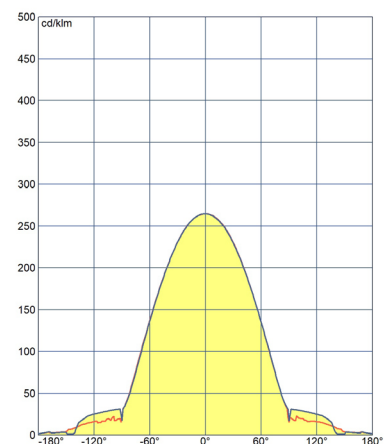
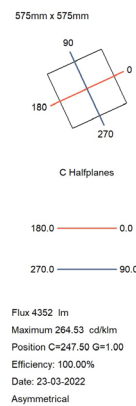
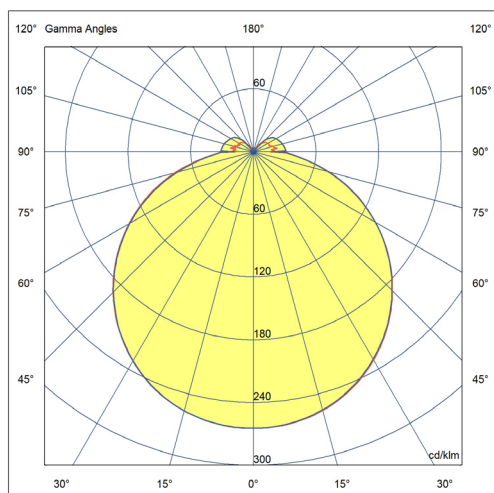
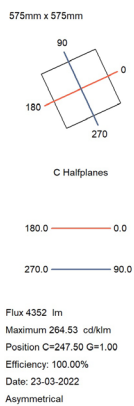
ENERGY EFFICIENCY 2023(UE-2019/2015)

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DIMENSIONS



LUMINOUS INTENSITY DISTRIBUTION CURVE



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**

