FICHA TÉCNICA

636040NW

LED RECESSED LIGHT FRAME 40W 60X60CM 4000K

LED LIGHT FRAME 60x60cm with multivoltage driver. 40W power and luminous flux of 3920lm. 120° symmetrical optical beam angle and 4000K 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:	**636040NW**
Description:	**LED Light frame**
EAN13 code:	**8435724902149**

ELECTRICAL DATA

Power:	**40w**
Voltage:	**100-277vac**
Frequency:	**50-60Hz**
ENEC Certification:	**SI**
Power factor:	**0,9**
Dimmable:	**NO**
Electrical insulation class:	**CLASS II**
Connection:	**L/N**

LUMINOUS DATA

Color temperature:	**4000K**
Luminous efficiency:	**98 lm/w**
Lumens:	**3920lm**
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

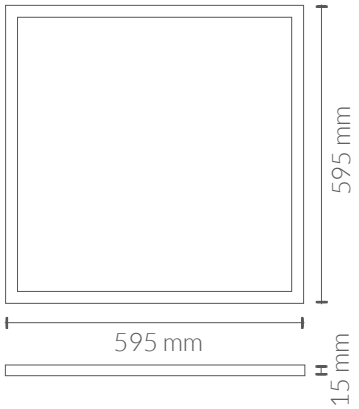
Material:	Polycarbonate
Finish:	Opal

Weight

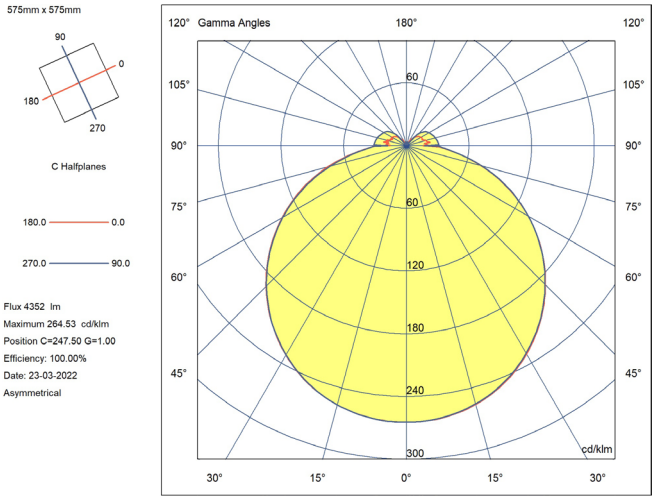
Weight:	0,40 kg

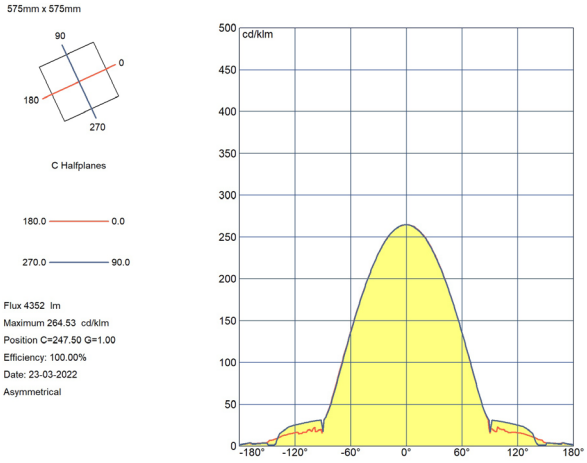
ENERGY EFFICIENCY 2023(UE-2019/2015) F

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