

## 332006ECW

### LED CEILING LIGHT WITH EMERGENCY LIGHT 20W 5700K

LED ceiling light with emergency light. 20W power and 1800lm luminous flux. Symmetrical optical opening of 120° and color temperature of 5700K. Protection rating against external elements IP20 and mechanical impact resistance rating IK06. Metal base with white finish and PMMA diffuser with opal finish.



#### PRODUCT SPECIFICATIONS

Item code:	332006ECW
Description:	Indoor LED Ceiling light with emergency light
EAN13 code:	8436568445618

#### ELECTRICAL DATA

Power:	20w
Voltage:	170-265vac
Frequency:	50/60Hz
Power factor:	0,7
Dimmable:	NOT
Electrical insulation class:	CLASS I
Connection:	L/N+TT

#### LUMINOUS DATA

Color temperature:	5700K
Luminous efficiency:	90 lm/w
Lumens:	1800lm
LED chip brand:	San'an
LED chip model:	SMD 2835
Beam angle:	120°
Luminous distribution:	Symmetrical
Color rendering index:	>80
Standard desviation of colour matching:	<6
Luminous maintenance factor:	L95B10
Flicker index:	≤1,0
SVM (Stroboscopic Visibility Measure):	≤0,4

## EMERGENCY KIT DATA

Power:	3W
Luminance:	200lm
Autonomy:	90 minutes
Function:	Non-permanent
Battery:	Ni-Cd 3.7v/2.2Ah

## TECHNICAL DATA

Protection rating:	IP20 (Equipment protected against objects >12mm in diameter)
Impact rating:	IK06 (1J)
Operating temperature:	-20°~50°
Mounting type:	Surface

## AVERAGE LIFESPAN

Working hours:	30000 hrs
Switch cycles:	25000 ON/OFF

## PHYSICAL DATA

### Housing

Material:	Metal
Finish:	White

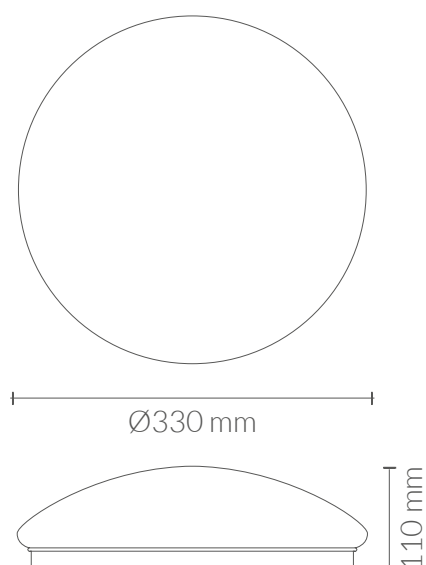
### Diffuser

Material:	PMMA
Finish:	Opal

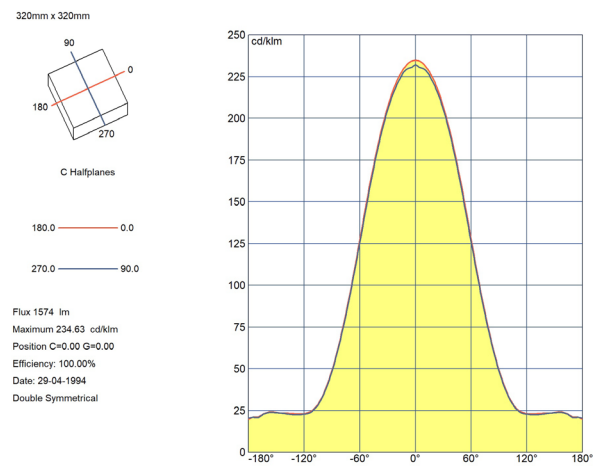
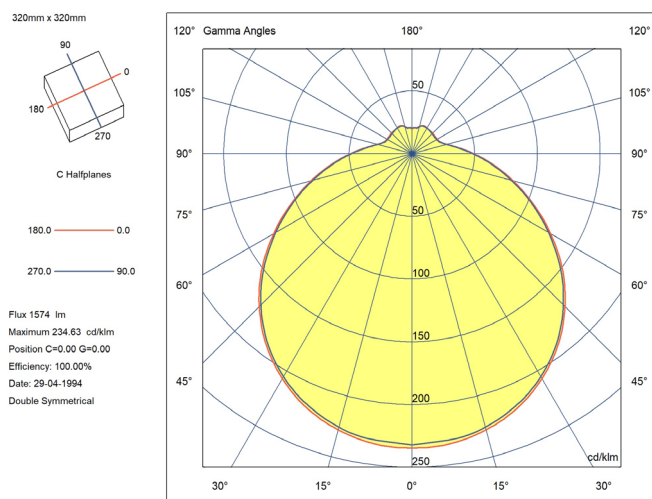
## ENERGY EFFICIENCY 2023(UE-2019/2015)

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## DIMENSIONS



## LUMINOUS INTENSITY DISTRIBUTION CURVE



## CERTIFICACIONES

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 60598-2-22** Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting
- EN 60598-1** Luminaires - Part 1: General requirements and tests.
- EN 62471** Photobiological safety of lamps and lamp systems
- EN 62493** Assessment of lighting equipment related to human exposure to electromagnetic fields
- EN IEC 62031** LED modules for general lighting - Safety specifications
- EN 61347-2-13** Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules
- EN 61347-2-7** Lamp controlgear -- Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)
- EN 61347-1** Lamp controlgear - Part 1: General and safety requirements

### Directiva RoHS 2011/65/EU y Directiva delegada (UE) 2015/863

Determinación de ciertas sustancias en productos electrotécnicos.

- IEC 62321-2-1      IEC 62321-5      IEC 62321-4
- IEC62321-6      IEC 62321-7-1      IEC 62321-7-2

