

## 332006SEW

### LED CEILING LIGHT WITH SENSOR AND EMERGENCY LIGHT 20W 4000K

LED ceiling light with Merrytek microwave sensor and emergency light. 20W power and 1760lm luminous flux. Symmetrical optical opening of 120° and color temperature of 4000K. 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:	332006SEW
Description:	Indoor LED Ceiling light with motion sensor and emergency kit
EAN13 code:	8436568441795

#### ELECTRICAL DATA

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

#### LUMINOUS DATA

Color temperature:	4000K
Luminous efficiency:	88 lm/w
Lumens:	1760lm
LED chip brand:	San'an
LED chip model:	SMD 2835
Beam angle:	120°
Luminous distribution:	Symmetrical
Color rendering index:	>80
Standard deviation of colour matching:	<6
Luminous maintenance factor:	L95B10
Flicker index:	≤1,0
SVM (Stroboscopic Visibility Measure):	≤0,4

## MOTION SENSOR DATA

Sensor brand:	Merrytek
Sensor type:	Microwave
Work mode:	ON/OFF Function
Configuration options:	YES
Tiempo de encendido:	5sg, 30sg, 90sg, 3min, 20min, 30min
Light sensor:	2lux, 10lux, 25lux, 50lux, deshabilitado
Detection area:	100%, 75%, 50%, 25%, 10%
Detection angle:	120°
Detection range:	4-6mts
Mounting height:	Maximum 3 mts

## 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

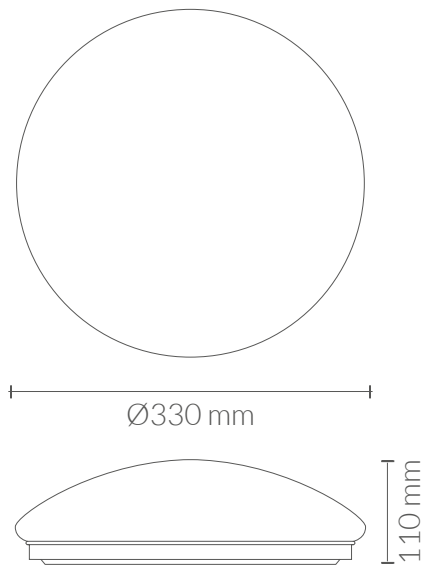
## PHYSICAL DATA

<b>Housing</b>	
Material:	Metal
Finish:	White
<b>Diffuser</b>	
Material:	PMMA
Finish:	Opal

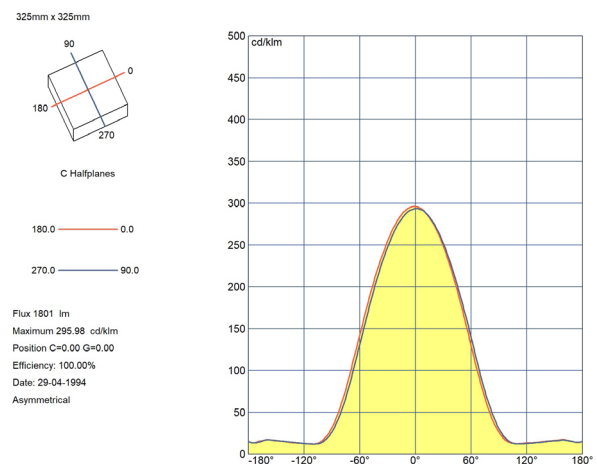
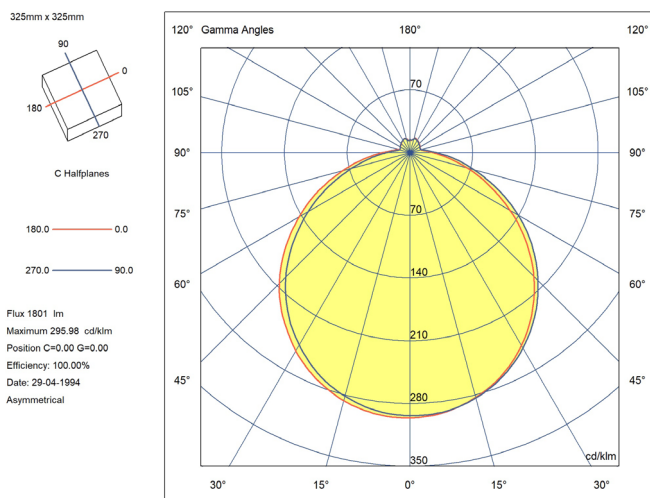
## ENERGY EFFICIENCY 2023(UE-2019/2015)

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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  $\leq 16 \text{ A}$  per phase and not subject to conditional connection.

## **LVD directive 2014/35/EU LOW VOLTAGE**

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

## **RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863**

Determination of Certain Substances in Electrotechnical Products.

<b>IEC 62321-2-1</b>	<b>IEC 62321-5</b>
<b>IEC 62321-4</b>	<b>IEC62321-6</b>
<b>IEC 62321-7-1</b>	<b>IEC 62321-7-2</b>

