

## 332006SNW

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

LED Ceiling light with Merrytek microwave sensor. 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:	332006SNW
Description:	Indoor LED Ceiling light with motion sensor
EAN13 code:	8436568444611

#### 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:	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, disabled
Detection area:	100%, 75%, 50%, 25%, 10%
Detection angle:	120°
Detection range:	4-6mts
Mounting height:	Maximum 3 mts

## 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

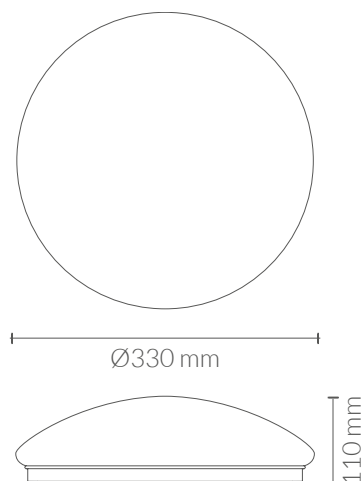
## PHYSICAL DATA

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

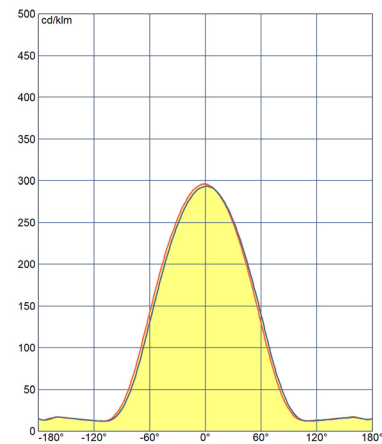
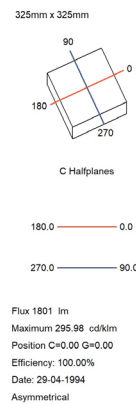
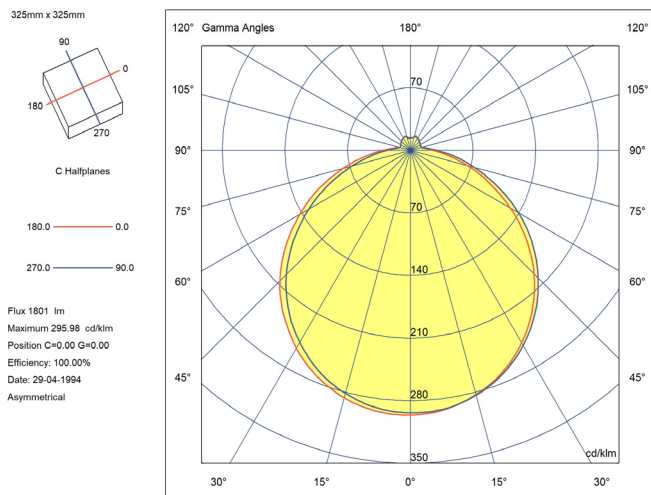
## ENERGY EFFICIENCY 2023(UE-2019/2015)

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## DIMENSIONS



## LUMINOUS INTENSITY DISTRIBUTION CURVE



## CERTIFICATIONS

### CE & ROHS

#### EMC directive 2014/30/EU ELECTROMAGNETIC COMPATIBILITY

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

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

Determination of Certain Substances in Electrotechnical Products.

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

