

332006SCW

LED CEILING LIGHT WITH SENSOR 20W 5700K

LED Ceiling light with Merrytek microwave sensor. 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:	332006SCW
Description:	Indoor LED Ceiling light with motion sensor
EAN13 code:	8436568441573

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 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

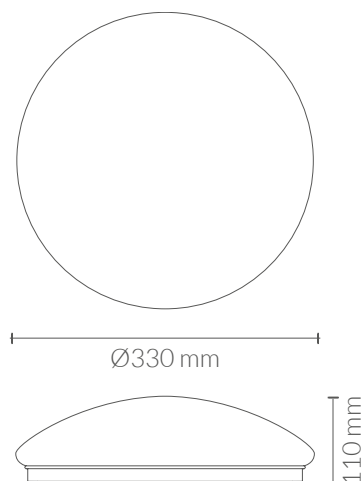
PHYSICAL DATA

Housing	
Material:	Metal
Finish:	White
Diffuser	
Material:	PMMA
Finish:	Opal

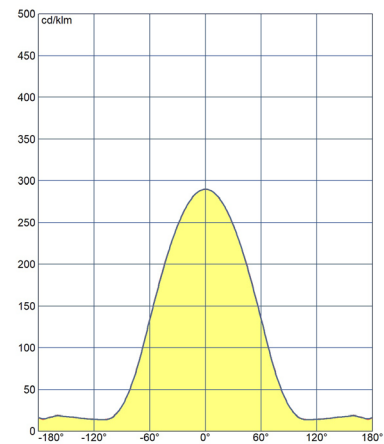
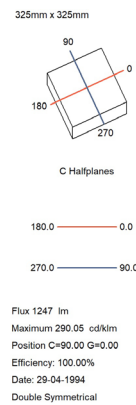
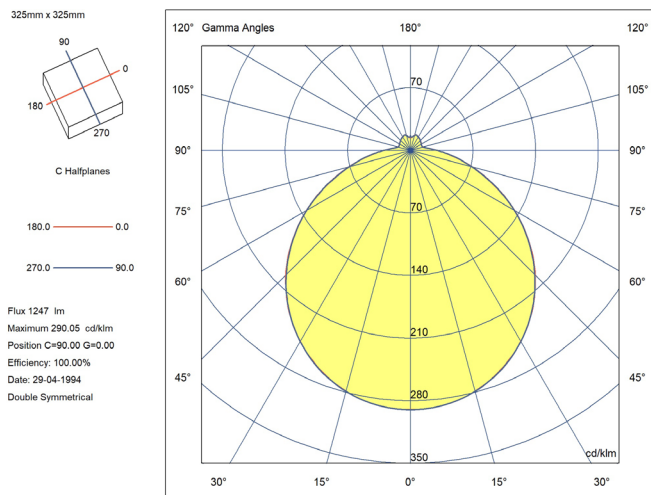
ENERGY EFFICIENCY 2023(UE-2019/2015)

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DIMENSIONS



LUMINOUS INTENSITY DISTRIBUTION CURVE



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 ≤ 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**

