

332006SCCT

LED CEILING LIGHT WITH SENSOR 20W CCT

LED ceiling light with Merrytek microwave sensor. 20W power and 2200lm luminous flux. 120° symmetrical optical opening and 3 selectable colour temperatures via DIP switch. IP20 protection rating against external elements and IK06 mechanical impact resistance rating. White finish metal base and opal PMMA diffuser.



PRODUCT SPECIFICATIONS

Item code:	332006SCCT
Description:	LED ceiling light with motion sensor
EAN13 code:	8436568441573

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:	CCT Selectable 5700K/4000K/3000K
Luminous efficiency:	110 lm/w
Lumens:	2200lm
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:	L95
Flicker index:	≤1,0
SVM (Stroboscopic Visibility Measure):	≤0,4

MOTION SENSOR DATA

Sensor brand:	Merrytek
Sensor type:	Microondas
Work mode:	Função ON/OFF
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 >12?mm in diameter)
Impact rating:	IK06 (1J)
Operating temperature:	-20°~50°
Mounting type:	Surface

AVERAGE LIFESPAN

Working hours:	35000 hrs
Switch cycles:	25000 ON/OFF

PHYSICAL DATA

Housing

Material:	Metal
Finish:	White

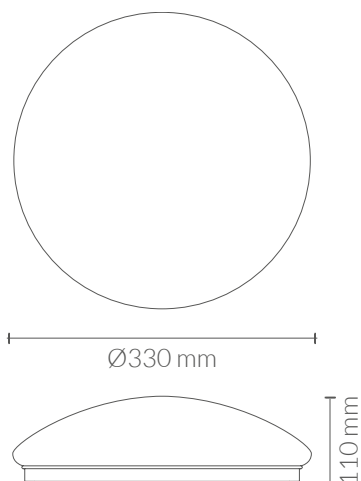
Diffuser

Material:	PMMA
Finish:	Opal

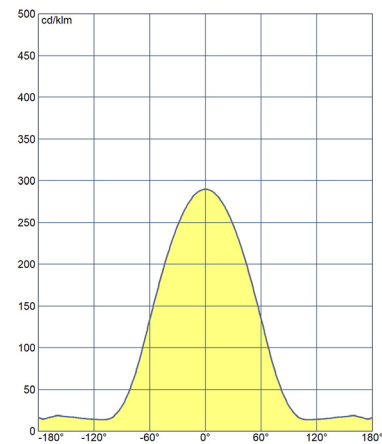
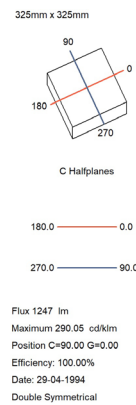
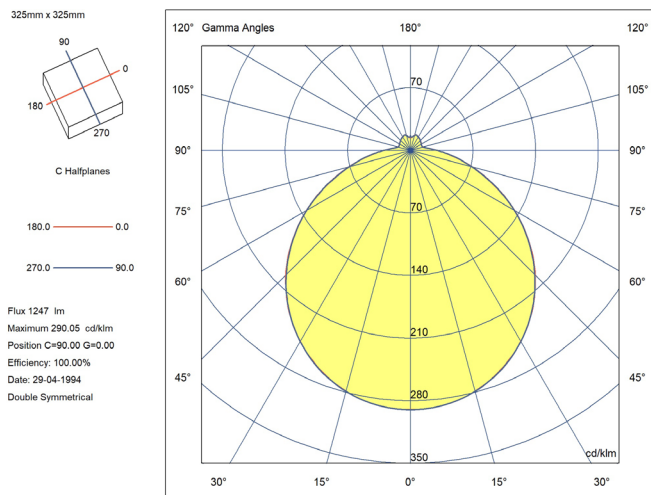
ENERGY EFFICIENCY 2023(UE-2019/2015)

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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**

