TECHNICAL DATA

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:	8435724907885

ELECTRICAL DATA

Power:	20w
Voltage:	170-265vac
Frequency:	50/60 Hz
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 desviation 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:	**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 >12mm 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

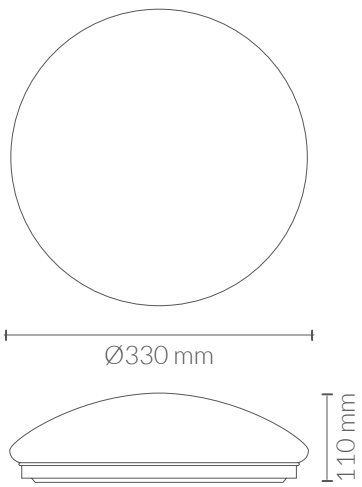
Material:	**PMMA**
Finish:	**Opal**

Weight

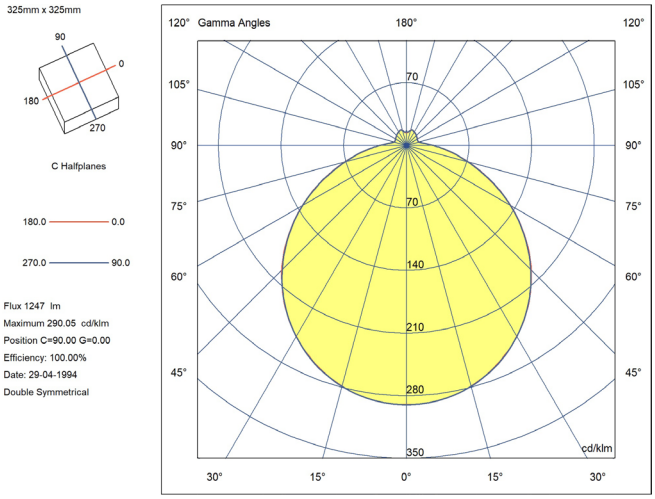
Weight:	**0,67 kg**

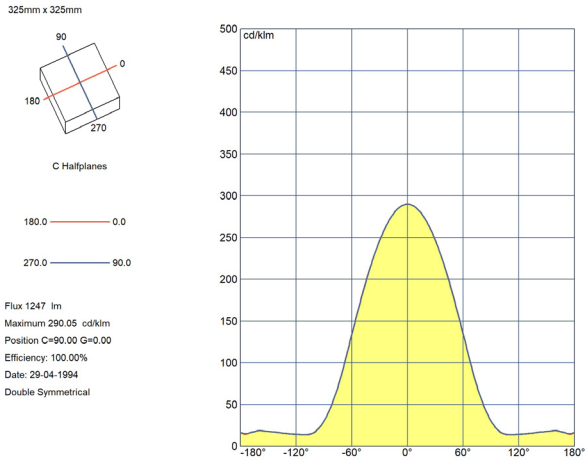
ENERGY EFFICIENCY 2023(UE-2019/2015) E

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 <= 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**

CE RoHS