# TECHNICAL DATA

## 332006CW

## LED CEILING LIGHTS 20W 5700K

LED Ceiling light. 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: | 332006CW |
| Description: | Indoor LED Ceiling light |
| EAN13 code: | 8436568441566 |

### 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: | 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 desviation of colour matching: | <6 |
| Luminous maintenance factor: | L95B10 |
| Flicker index: | ≤1,0 |
| SVM (Stroboscopic Visibility Measure): | ≤0,4 |

## 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

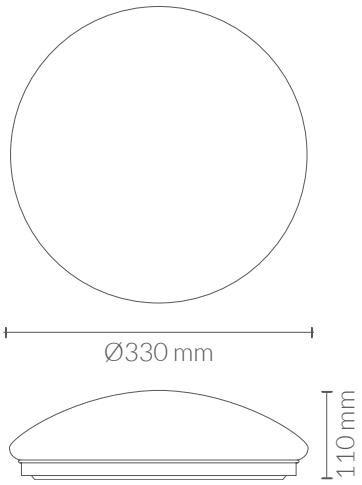
| | |
|---|---|
| Material: | **PMMA** |
| Finish: | **Opal** |

### Weight

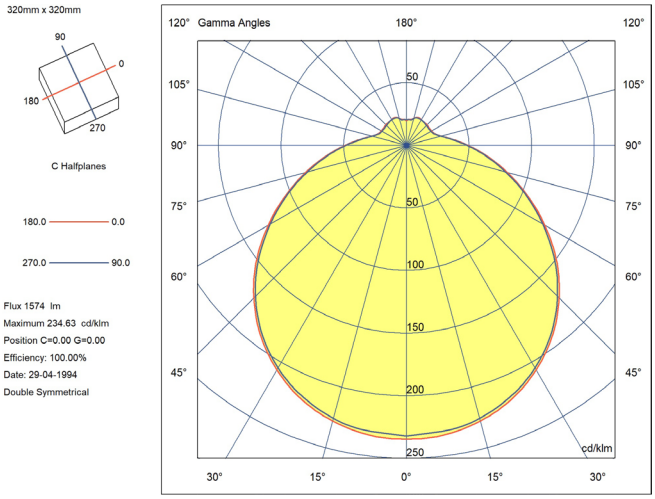
| | |
|---|---|
| Weight: | **0,67 kg** |

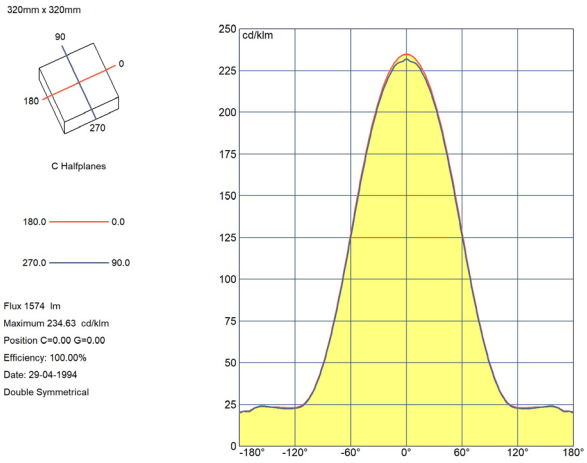
## ENERGY EFFICIENCY 2023(UE-2019/2015) F

## 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 60598-2-1** | Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires |
| **EN 60598-1** | Luminaires - Part 1: General requirements and tests |
| **EN 62493** | Assessment of lighting equipment related to human exposure to electromagnetic Field |

**RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863**
Determination of Certain Substances in Electrotechnical Products.

| | |
|---|---|
| **IEC 62321-2** | **IEC 62321-1** |
| **IEC 62321-3-1** | **IEC 62321-5** |
| **IEC 62321-4** | **IEC 62321-7-1** |
| **IEC 62321-7-2** | **ISO 17075-1** |
| **IEC62321-6** | **IEC 62321-8** |

CE RoHS