

## 332006NW

### LED CEILING LIGHTS 20W 4000K

LED Ceiling light. 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:	332006NW
Description:	Indoor LED Ceiling light
EAN13 code:	8436568444604

#### 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:	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

## 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

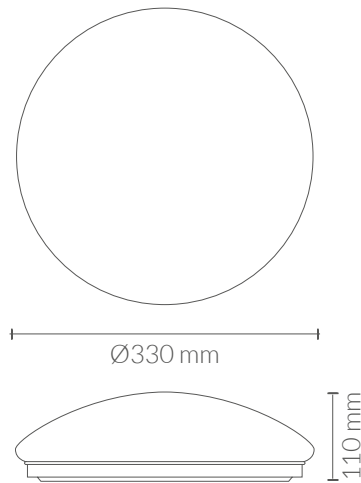
## PHYSICAL DATA

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

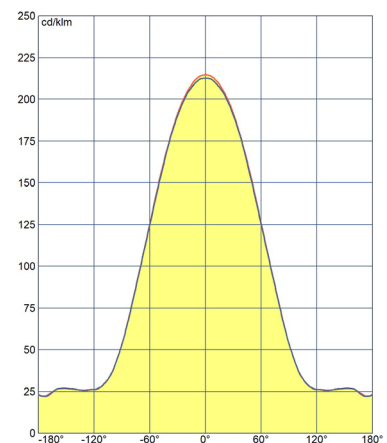
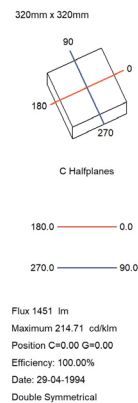
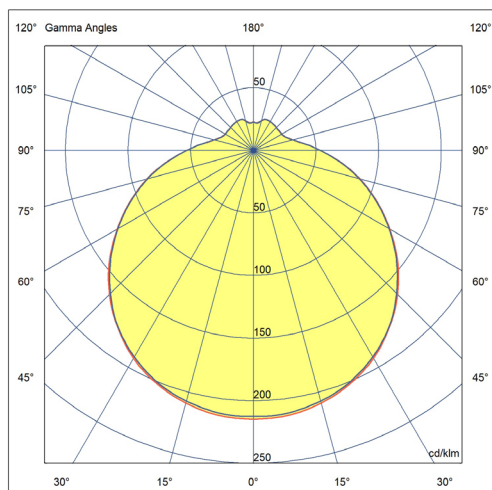
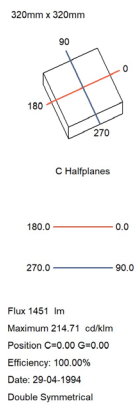
## ENERGY EFFICIENCY 2023(UE-2019/2015)

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## DIMENSIONS



## LUMINOUS INTENSITY DISTRIBUTION CURVE



**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  $\leq 16$  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.

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|----------------------|----------------------|
| <b>IEC 62321-2</b>   | <b>IEC 62321-1</b>   |
| <b>IEC 62321-3-1</b> | <b>IEC 62321-5</b>   |
| <b>IEC 62321-4</b>   | <b>IEC 62321-7-1</b> |
| <b>IEC 62321-7-2</b> | <b>ISO 17075-1</b>   |
| <b>IEC62321-6</b>    | <b>IEC 62321-8</b>   |

