TECHNICAL DATA

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:	50/60 Hz
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 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

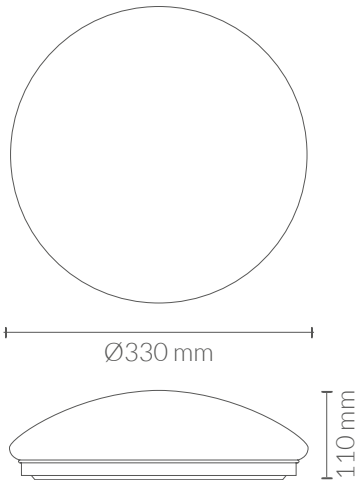
Material:	**PMMA**
Finish:	**Opal**

Weight

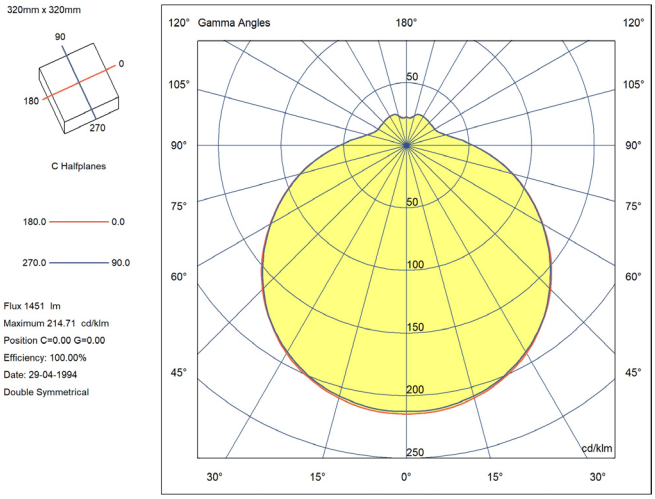
Weight:	**0,67 kg**

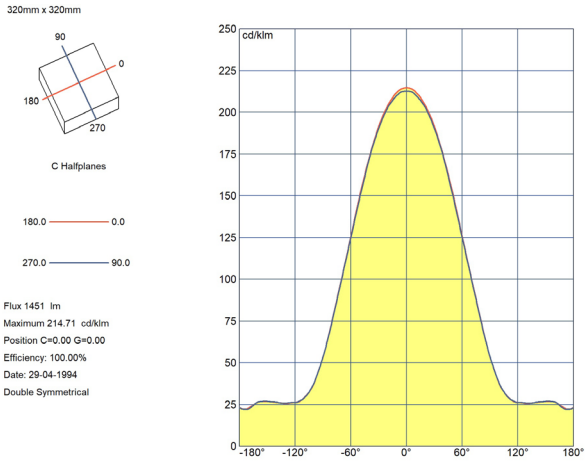
ENERGY EFFICIENCY 2023(UE-2019/2015) F

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