

327NK

IP65 RECESSED LUMINAIRE 5W 5700K 120°

IP65 recessed luminaire. 5W power, equipped with a Lumileds LED chip delivering a luminous flux of 450 lm. 120° symmetrical beam angle and 5700K colour temperature. IP65 protection rating against external elements. Polyamide (PA) housing with a nickel finish and an opal diffuser.



PRODUCT SPECIFICATIONS

Item code:	327NK
Description:	Recessed LED ceiling luminaire
EAN13 code:	8436568443386

ELECTRICAL DATA

Power:	5W
Voltage:	220-240V AC
Frequency:	50-60Hz
Power factor:	0,9
Dimmable:	NOT
Electrical insulation class:	CLASS II
Connection:	L/N

LUMINOUS DATA

Color temperature:	5700K
Luminous efficiency:	90 lm/W
Lumens:	450lm
LED chip brand:	Lumileds
LED chip model:	SMD 2835
Beam angle:	120°
Luminous distribution:	Symmetrical
Color rendering index:	>80
Standard deviation of colour matching:	<6
Luminous flux maintenance:	L90B10
Flicker index:	≤1,0
SVM (Stroboscopic Visibility Measure):	≤0,4

TECHNICAL DATA

Protection rating:	IP65 (Dust-tight and protected against water jets)
Operating temperature:	-20°~50°
Mounting type:	Recessed

AVERAGE LIFESPAN

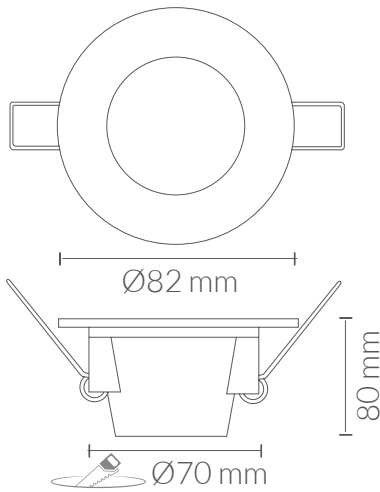
Working hours:	25000 hrs
Switching cycles:	20000 ON/OFF

PHYSICAL DATA

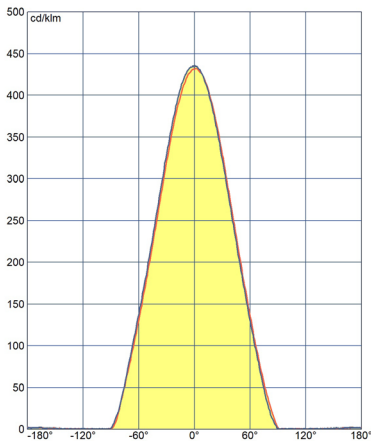
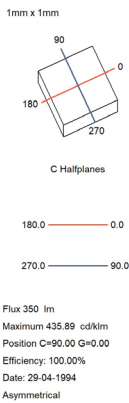
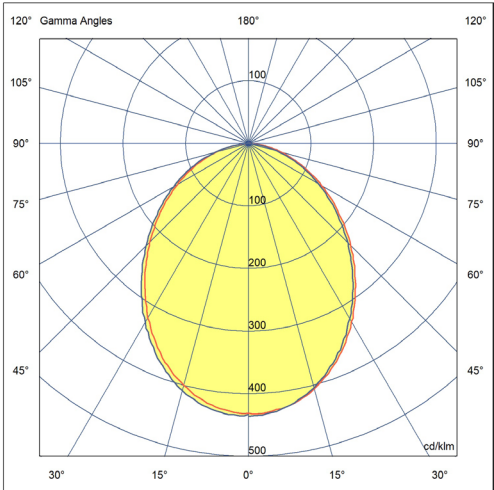
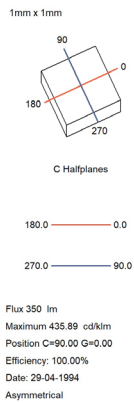
Housing	
Material:	Polyamide (PA)
Finish:	Nickel
Diffuser	
Material:	Polyamide (PA)
Finish:	Opal

ENERGY EFFICIENCY 2023(UE-2019/2015)	E
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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-frequency disturbance characteristics of lighting equipment and similar apparatus.
- EN 61547:** Lighting equipment for general use. EMC immunity requirements.
- EN IEC 61000-3-2** Electromagnetic compatibility (EMC). Part 3-2: Limits. Limits for harmonic current emissions (equipment with 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 60598-2-5** Luminaires – Part 2-5: Particular requirements – Floodlights.
- EN 60598-1** Luminaires - Part 1: General requirements and tests.
- EN 62471** Photobiological safety of lamps and lamp systems.

RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863

Determination of Certain Substances in Electrotechnical Products.

