

NITRON

DATASHEET | SPECIFICATIONS



FOTOGALERIE



NITRON 1



NITRON 2



NITRON 3

TECHNICAL SPECIFICATIONS

ELECTRICAL PARAMETERS

Light source	» LED
AC voltage	» AC 230 V / 50 Hz
Connection	» Terminal block
Driver	» electronic driver
Dimming	» non-dimmable (not labeled) » DALI (DALI)
Emergency module	» NO

LIGHT PARAMETERS

Optical system	» Area lighting (C58), (RL01), (RL02)
Light distribution	» direct
Color rendering index	» Ra > 70
Color temperature	» 4 000 K
Service life	» > 100 000 hours (L90B10)

CONSTRUCTION

Housing	» aluminum cast
Color	» RAL 9022
Surface	» mat
Cover	» safety glass

SAFETY

Protection class	» I
Ambient operating temperature	» max. -30 / +40 °C
Ingress protection	» IP 66
Impact protection	» IK 09
Mounting on normally flammable materials	» YES

MOUNTING

Type	» By mounting on a bracket (part of the luminaire), » Tilt +/- 90° of the entire luminaire » +/- 20° for individual modules
Recommended height	» Up to 40 m

ACCESSORIES

Clips	» NO
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CHARACTERISTIC

Highly efficient and powerful LED spotlight

USE

- Sports facilities
- Open areas
- Parkings
- Public areas
- Railways
- Football fields



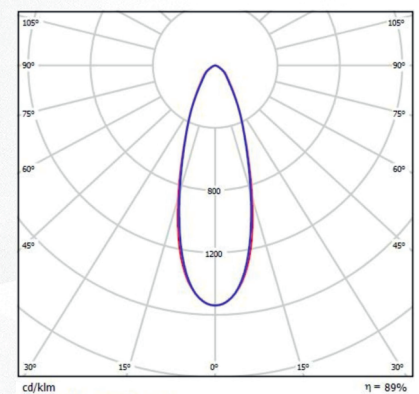
This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

ELEKTRO-LUMEN | NITRON 874/2012

LIGHT DISTRIBUTION CURVE

NITRON C58



VARIANTS

DATASHEET NITRON

VARIANTS (chip 5050)	POWER (W)	LUMINAIRE OUTPUT FLUX (lm)		LUMINAIRE EFFICIENCY (lm/W)	SERVICE LIFE (hrs.)	WEIGHT
	Color temperature	min	max	Up to	L90B10	kg*
Catalog name	4000K Ra 70					
NITRON 1 Lxx 70k0	400	50 736	62 664	156,7	> 100 000	21.0
NITRON 1 Lxx 100k0	592	71 030	87 730	148,2	> 100 000	21.0
NITRON 2 Lxx 200k0	1 184	142 061	175 459	148,2	> 100 000	37.0
NITRON 3 Lxx 300k0	1 776	213 091	263 189	148,2	> 100 000	52.0

* The weight may vary slightly depending on the luminaire variant.

LEGEND

NITRON 1 C58 100k0 740

	name and size
	Optical system
	luminous flux 100 000 lm
	color rendering index Ra > 70, color temperature 4 000 K

Optical and electrical parameters tolerance $\pm 10\%$

DIMENSIONS

