

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

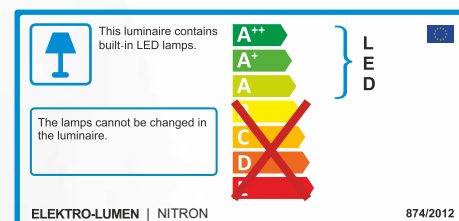
| | |
|-------|------|
| Clips | » NO |
|-------|------|

CHARACTERISTIC

Highly efficient and powerful LED spotlight

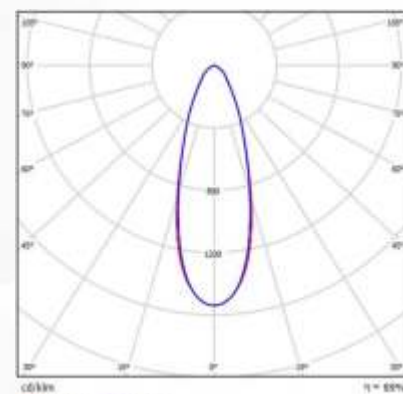
USE

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



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

