FILE PROJECTOR POWER 80W





DESCRIPTIÓN:

The Power 80W floodlight provides powerful and efficient sports lighting, specially designed for outdoor environments. Its robust and durability-oriented construction makes it an ideal solution for demanding installations and industrial areas.



It integrates state-of-the-art LED technology, optimizing energy consumption while ensuring high performance.



- The electrical box and luminaire feature an independent structure.
- PC lens optics providing high visual comfort and uniform light distribution.
- Overall protection rating IP67.
- Surge protection up to 10 kV.
- Highly resistant to rain and other atmospheric conditions.
- Easy aiming and orientation during installation.
- Polyester powder coating resistant to UV rays and corrosion.
- No photobiological risk (no risk associated with infrared, blue light, or UV radiation) in accordance with EN 62471:2008.
- External screws made of 304 stainless steel.

STANDARDS AND APPLICATIONS

- EN 60598-1:2015
- EN 62493: 2010
- EN 55015: 2013
- EN 50102:1995 + A1:1998
- EN 61347-2-13
- EN 61000-3-3: 2014
- EN 62262: 2002
- EN 60598-2-3:2003
- EN 61000-3-2: 2014
- EN 60598-2-5
- EN 61547: 2009
- EN 13032-4
- EN 62471: 2008
- EN 61347-1
- EN 60231:2008 + A1:2013 + A2:2015

Specially efficient in:

- Soccer Fields
- Sport Fields
- Sport centers
- Parking Lots

CHARACTERISTICS

Electrical Characteristics

- Input voltage……..…… 230 Vac
- Input frequency…… 47–63 Hz
- Power factor……..…… 0.98
- Electrical class…… Class I / Class II
- Programmable current…… 0.825 – 1.4 A
- LF output current ripple…… N/A
- Constant Light Output (CLO)……..…… N/A
- Driver…… Invertronics / Mean Well
- Power……..…… 80W
- Electrical protection…..… 6 kV (driver), optional 10 kV
- Thermal protection…… Self-protected driver
- HF output current ripple…….…… N/A
- Operating temperature……..…… -40ºC to +70ºC
- Driver diagnostics…… N/A
- Driver lifetime…… 100,000 hours

Mechanical Characteristics

- Material…… Stainless steel
- Lenses……..…… Polycarbonate / PMMA
- Weight……..…… 3.5 kg
- Installation……..…… Yoke mount
- Wind surface area (module)…… 0.0297 m²
- Dimensions……..…… 270 × 70 × 110 mm

Dimming and Programming

- Dimming…… 1–10V / DALI
- Autonomous programming…… Programmable
- Point-to-point control…… Compatible
- Centralized dimming……..…… PWM
- Control line……..…… Yes
- Bluetooth dimming……..…… Optional

Options

- *SRI*…… N/A
- *Surge Protection*…….…... N/A
- *Connector*…...……....N/A
- *Sensors*…….. N/A

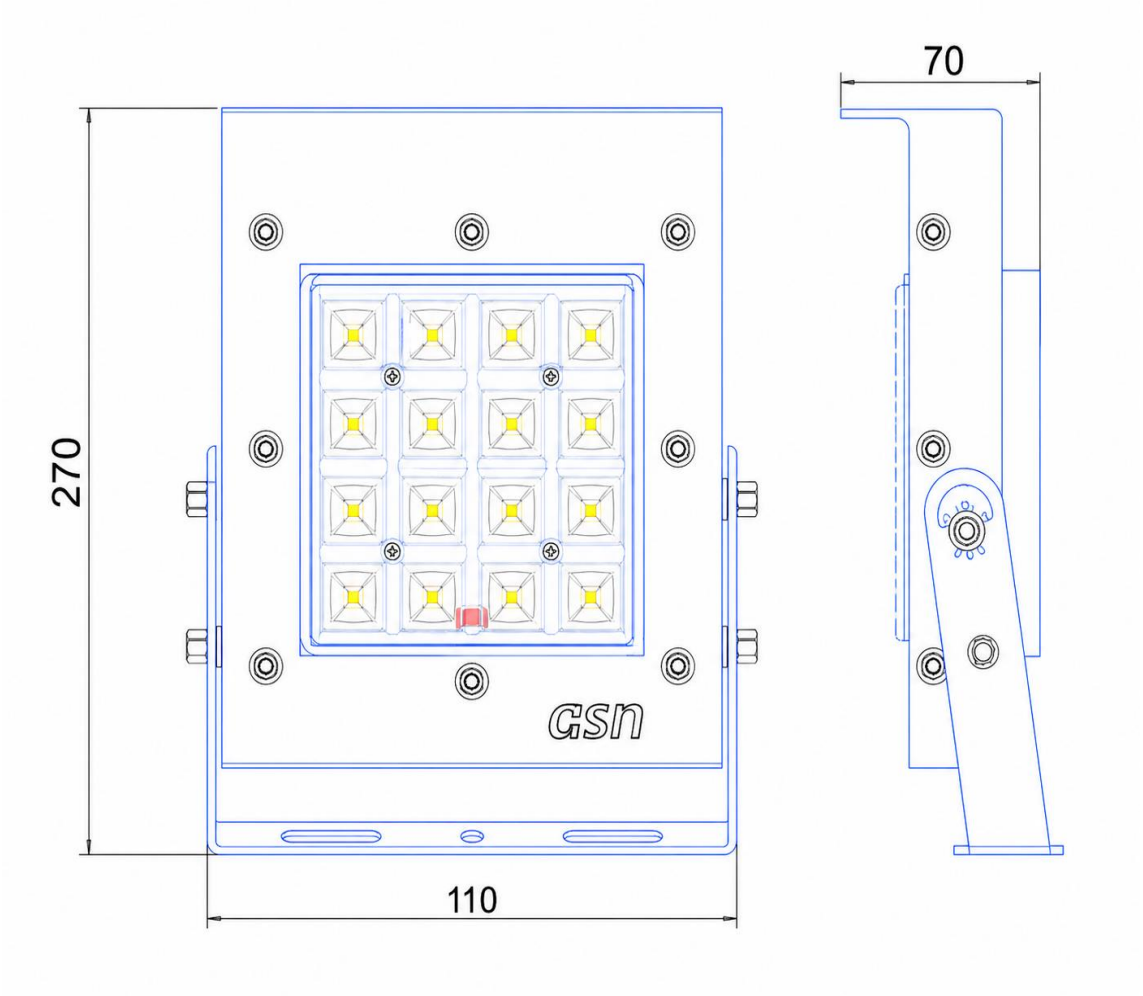
Photometric Characteristics

- Light source……Nichia High Power
- Number of LEDs……..…… 16 LEDs
- LED luminous efficacy…….…… 150 lm/W
- Luminous flux……..……..…. 12000 lm
- CRI…….…… CRI >80
- Protection……..…… Yes
- Lens efficiency……..……..…… >92%
- LED lifetime…….…… >100,000 hours
- Color temperature…….…… 3000K / 4000K / 5000K
- Overheating protection…… N/A
- Optical distributions.. 15º / 30º / 60º / 90º / Asymmetric
- ULOR (Upward Light Output Ratio)……..…… <0.1%
- Lumen maintenance…… Linear programmed over time (CLO)

* The photometric values shown are subject to slight variations resulting from configuration factors such as the optics used in the luminaire or operating temperature.

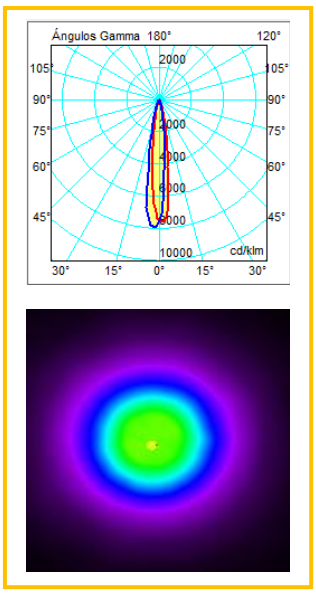
** For other configurations or required power ratings, please contact the factory.

DIMENSIONS



OPTICAL DISTRIBUTIONS

15º



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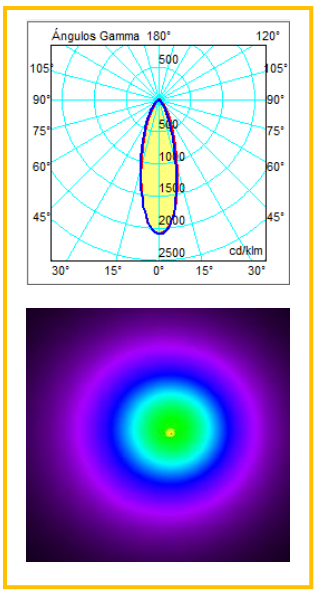

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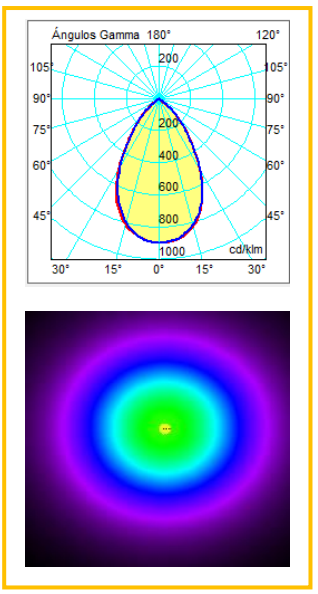

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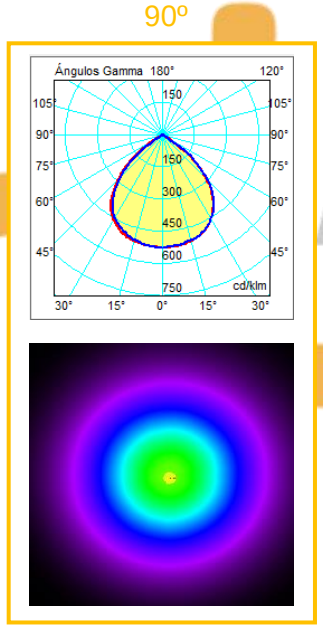

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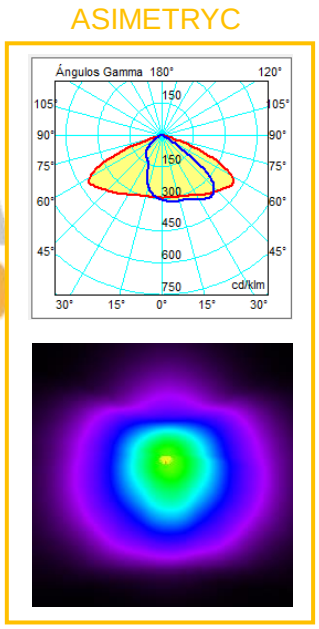

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