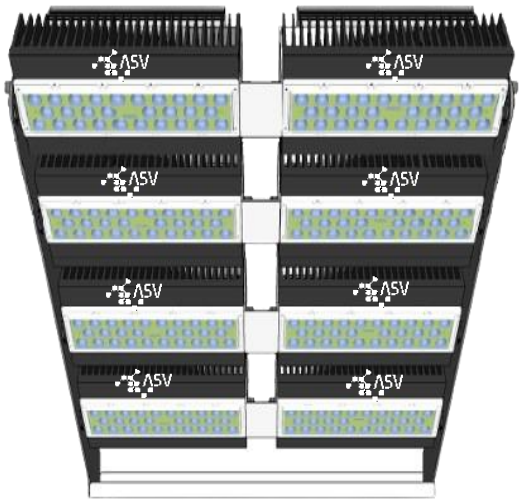
FILE PROJECTOR MINI 1760W

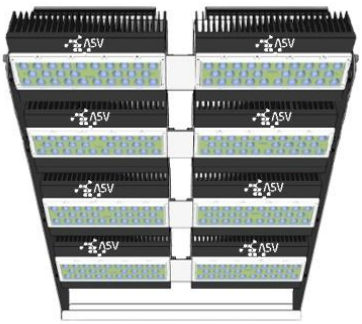






DESCRIPTION:

Designed for high-quality sports and urban lighting. Its modular design allows it to meet all lighting requirements from the top of the tower.



One of the most remarkable features of the Mini floodlight is its modular design, allowing the integration of 1 up to 8 floodlights depending on the lighting requirements of the space.



- The electrical box and luminaire feature an independent structure.
- PC lens optics providing high visual comfort and uniform light distribution.
- Overall protection rating IP66 and IK09.
- 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: 2013
- EN 62262: 2002
- EN 60598-2-3:2003
- EN 61000-3-2: 2014
- EN 61547: 2009
- EN 13032-4
- EN 62471: 2008
- EN 61347-1

Specially efficient in

- Soccer Fields
- Sports Fields
- Sports centers
- Parking Lot

CHARACTERISTICS

Electrical Characteristics

- Input voltage…… 230 Vac
- Input frequency…… 47–63 Hz
- Power factor…… >0.97
- 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…… Mean Well
- Power…….... 1760W
- Electrical protection…..… 6 kV (driver), optional 10 kV
- Thermal protection…… Self-protected driver
- HF output current ripple……..…… N/A
- Operating temperature…… N/A
- Driver diagnostics…… N/A
- Driver lifetime…… 100,000 hours

Mechanical characteristics

- Material… Corrosion-resistant aluminum alloy
- Lenses…… Polycarbonate / PMMA
- Weight……...27.3 kg
- Installation…… Yoke, Side-entry / Post-top
- Wind surface area (module)……0.3905 m²
- Color…… RAL 9005

Dimming and Programing

- 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

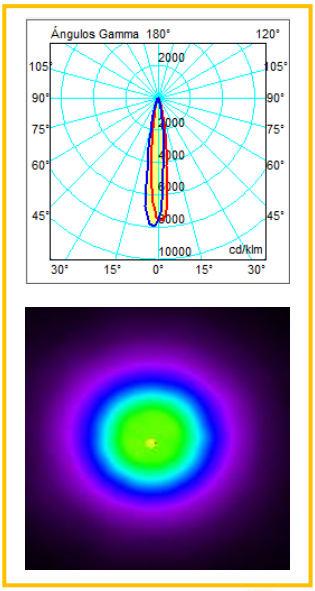
- Light source…… Nichia High Power
- Number of LEDs……224 LEDs
- LED luminous efficacy…… 145 lm/W
- Luminous flux……..…… 211200 lm
- CRI…… CRI >70
- Modularity…… N/A
- Protection……..…… Yes
- Lens efficiency……..… >92%
- LED lifetime…… >100,000 hours
- Color temperature……..… 4000K / 5000K
- Overheating protection……..…… 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.

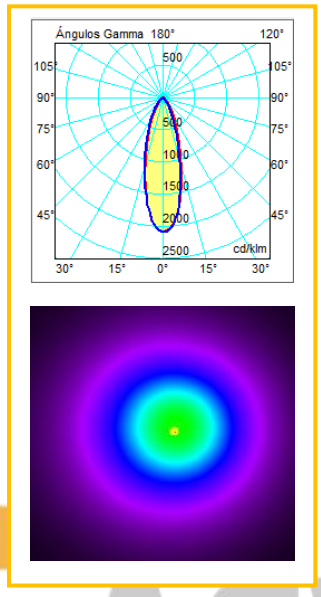
** For other configurations or required power ratings, please contact the factory.

OPTICAL DISTRIBUTIONS

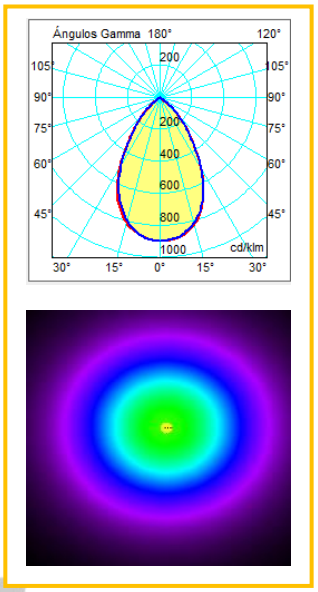
15º



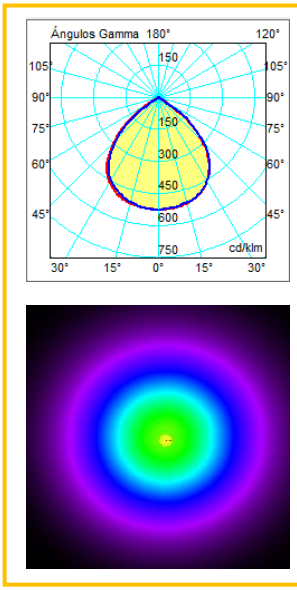
30º



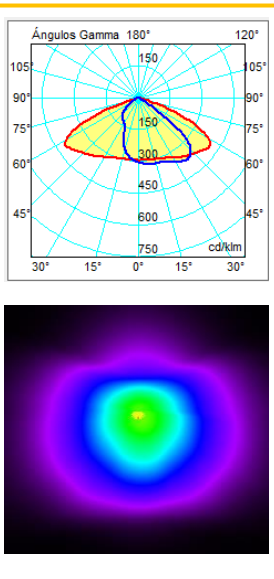
60º



90º



ASIMETRÍCA



DIMENSIONS

