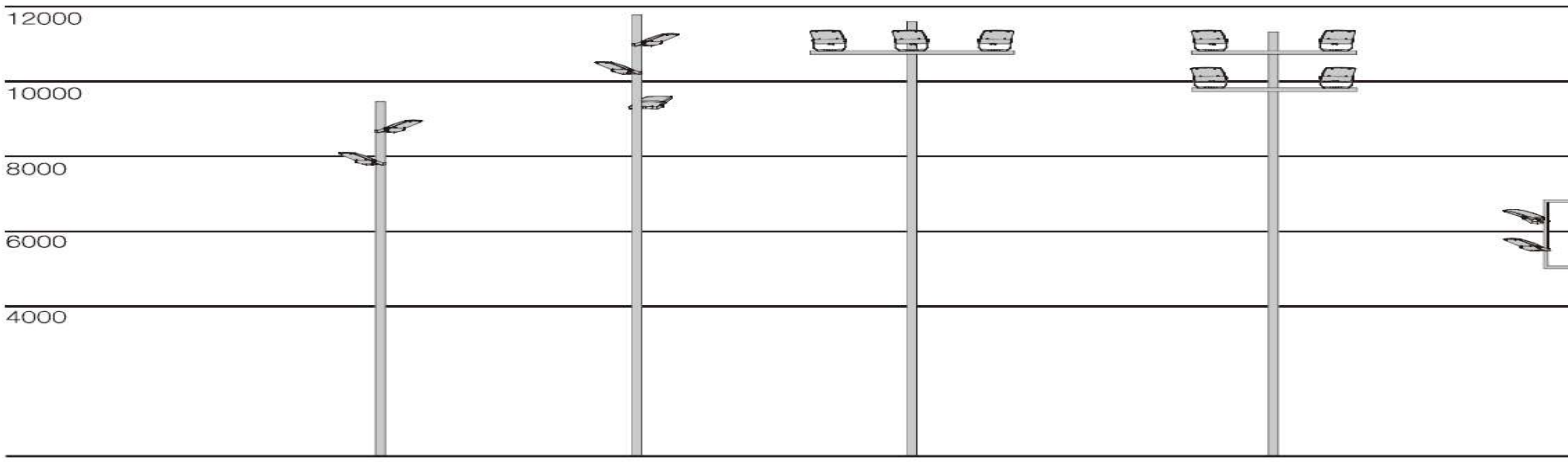
FILE PROJECTOR PRASA M


12000
10000
8000
6000
4000

DESCRIPTION:

The Prasa floodlight is a high-end luminaire with an elegant and sophisticated design, created to provide outstanding lighting performance across a wide variety of environments. Its versatility makes it ideal for numerous applications, ranging from landmark buildings to commercial areas, roads, parks, museums, sports fields, and residential areas.

- Die-cast aluminum housing.
- The electrical box and light module feature an independent structure.
- PC lens optics providing high visual comfort and uniform light distribution.
- Philips Xitanium LP/FP driver – DALI – factory programmed.
- Excellent accessibility with safe and quick opening.
- Polyester powder coating resistant to ultraviolet rays. Corrosion resistance can exceed 1,000 hours.
- 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:

- Buildings
- Museums
- Roads
- Commercial areas
- Residential areas
- Sports areas
- Parks
- Gardens
- Sport buildings

CHARACTERISTICS

Electrical Charasteristics

- Input voltage…… 230 Vac
- Input frequency…… 47–63 Hz
- Power factor…… >0.97
- Electrical class…… Class I / Class II
- Programmable current…… 0.2 – 1 A
- LF output current ripple…… <4%
- Constant Light Output (CLO) Enabled on request
- Driver…… Philips Xitanium Outdoor Prog
- Power…… 150W
- Electrical protection…….. 6 kV (driver), optional 10 kV
- Thermal protection…… Self-protected driver
- HF output current ripple…… <4%
- Operating temperature…… -40ºC to +55ºC
- Driver diagnostics…… Active
- Driver lifetime…… 100,000 hours
- Current regulation…… Amplitude modulation

Mecanical Characteristics

- Material…. Corrosion-resistant aluminum alloy
- Lenses…… Polycarbonate / PMMA
- Weight…… 7 kg
- Color…… RAL 9022
- Diffuser…… Flat tempered glass
- Installation…… Yoke mount
- Wind surface area……..0.16 m²

Dimming and Programming

- Dimming…… 1–10 V / DALI
- Autonomous programming…… Up to 5 steps
- Point-to-point control…… Compatible
- Centralized dimming…… Optional (AmpDim)
- Control line…… Optional
- Bluetooth dimming…… Optional

Options

- *SRI*……*Yes*
- *Surge protections*……Yes
- *Connector*…… Nema / Zhaga
- *Sensors*……Yes

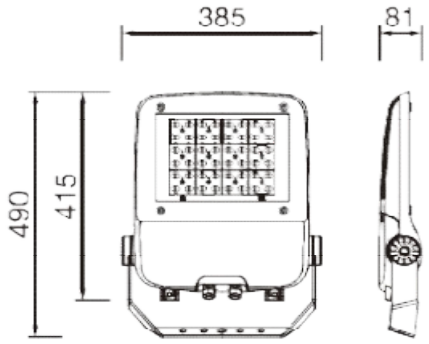
Photometric Characteristics

- Light source…… Philips FastFlex LED
- Number of LEDs……32-36-48 LEDs
- LED lifetime…… >100,000 hours
- CRI…… CRI >70 / CRI >80
- Modularity…… Compatible with Zhaga Book 15
- Protection…… Yes
- Lens efficiency…… >92%
- LED luminous efficacy…… 208 lm/W
- Color temperature…… 2200K / 2700K / 3000K 4000K / AMBER / RGBW
- Overheating protection. NTC 15 kOhm + 2000 Ohm
- Optical distributions…… >20 different types
- ULOR (Upward Light Output Ratio)…… <0.1%
- Lumen maintenance…… Linear programmed over time (CLO)

* The values shown in these tables are subject to slight variations resulting from factors such as the optics used in the luminaire. All indicated values have been measured at 700 mA.

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

DIMENSIONS



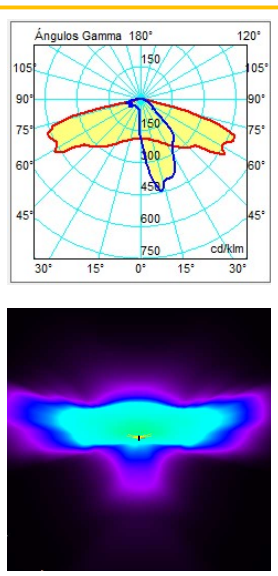
LIGHTING CONFIGURATION

	32 LEDS	36 LEDS	48 LEDS
2200K	9525	12300	15240
2700K	9750	12700	15600
3000K	11700	15200	18600
4000K	11700	15200	18600
Potencia (W)	75	100	120
Eficacia (lm/W)	156	152	155

* The values shown in these tables are subject to slight variations resulting from factors such as the optics used in the luminaire. All indicated values have been measured at 700 mA.

OPTICAL DISTRIBUTIONS

T2



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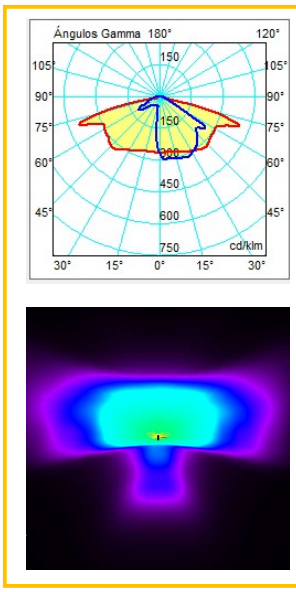

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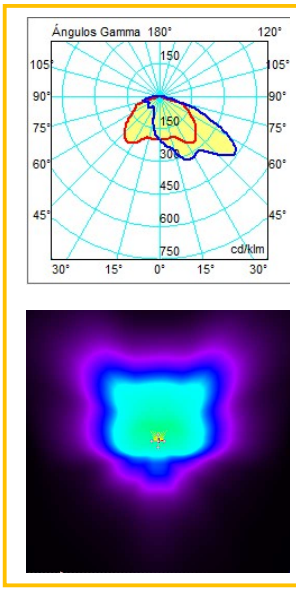

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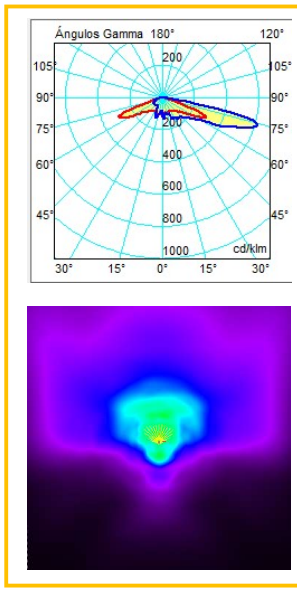

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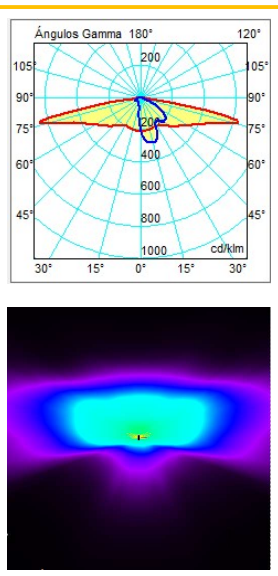

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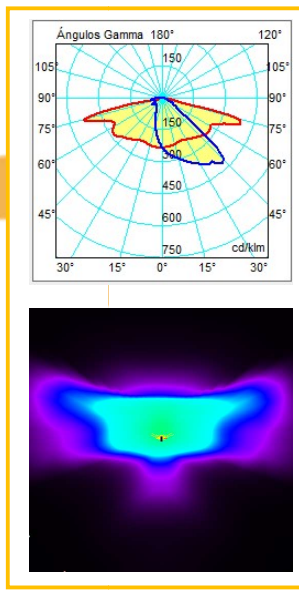
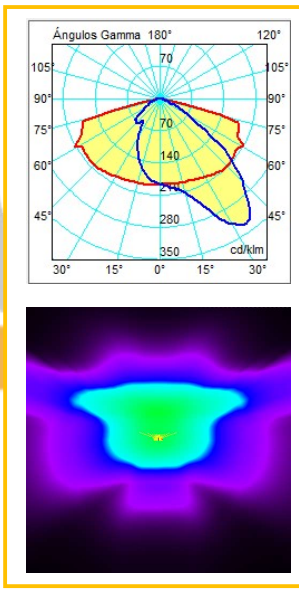
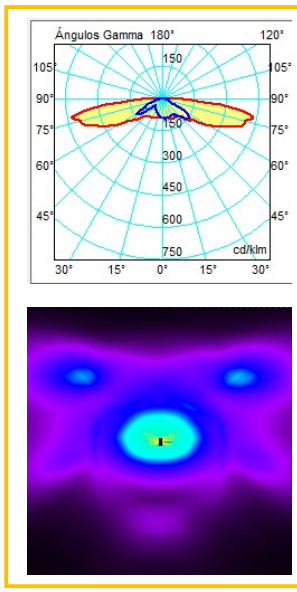


ME WIDE 2



XW



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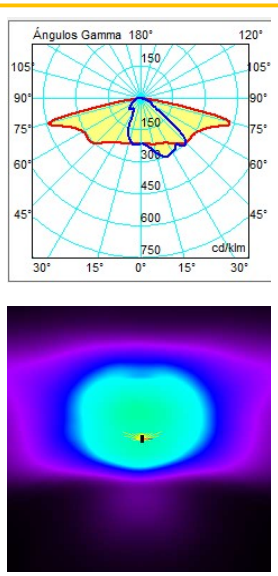

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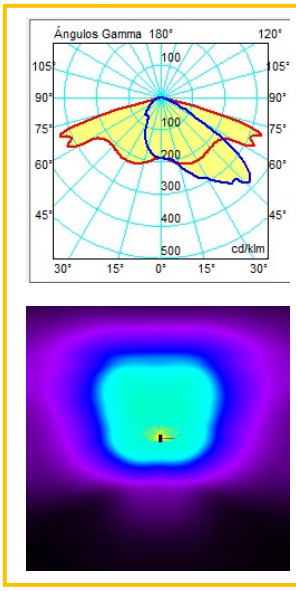

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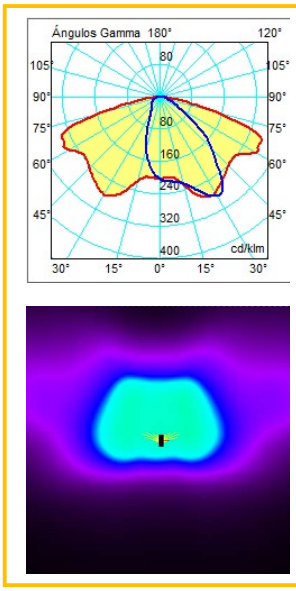

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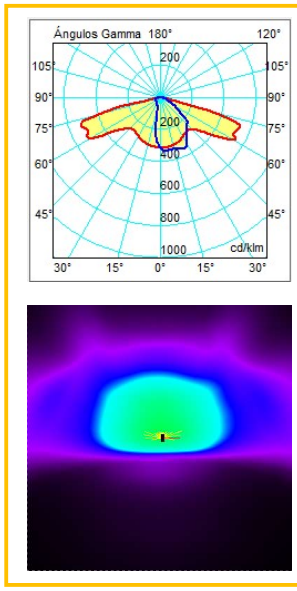

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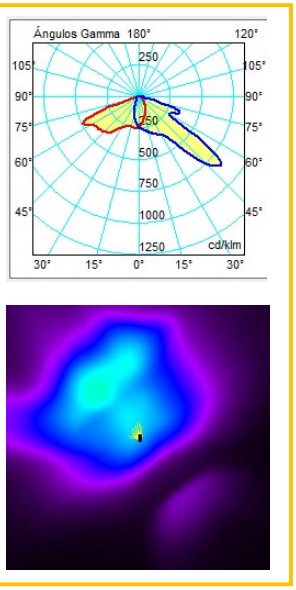

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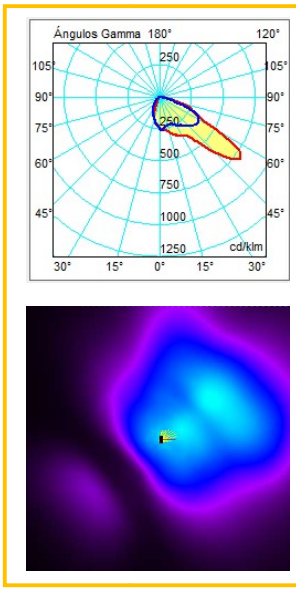
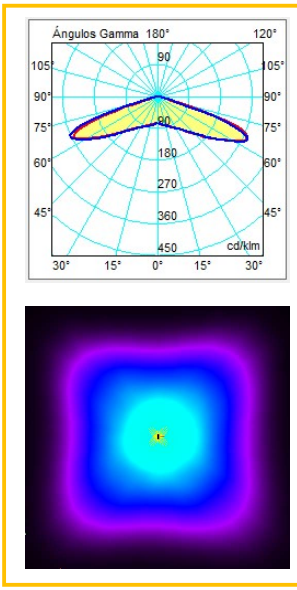
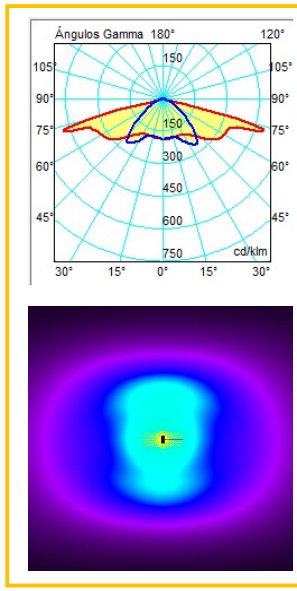


VSM



CAT



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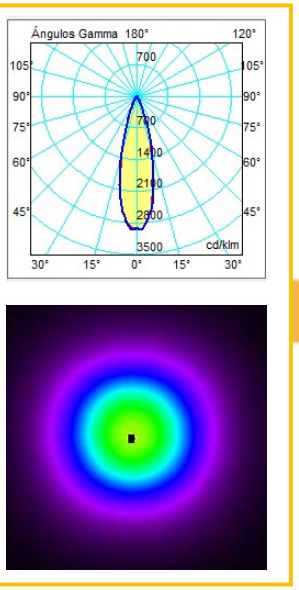

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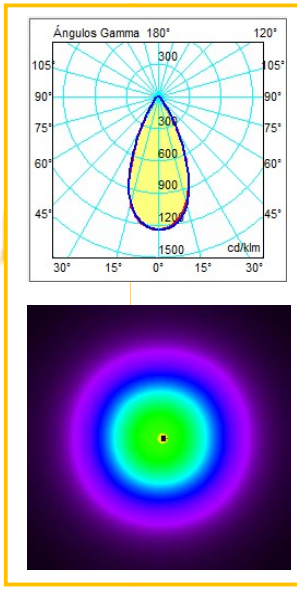

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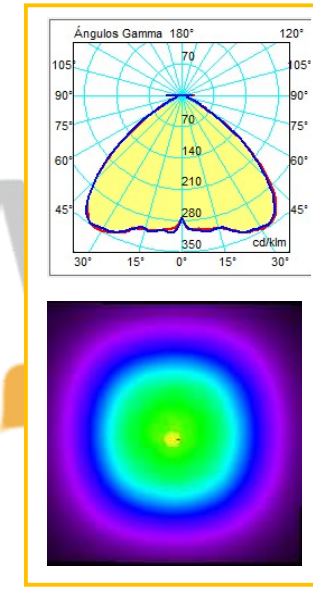

FN