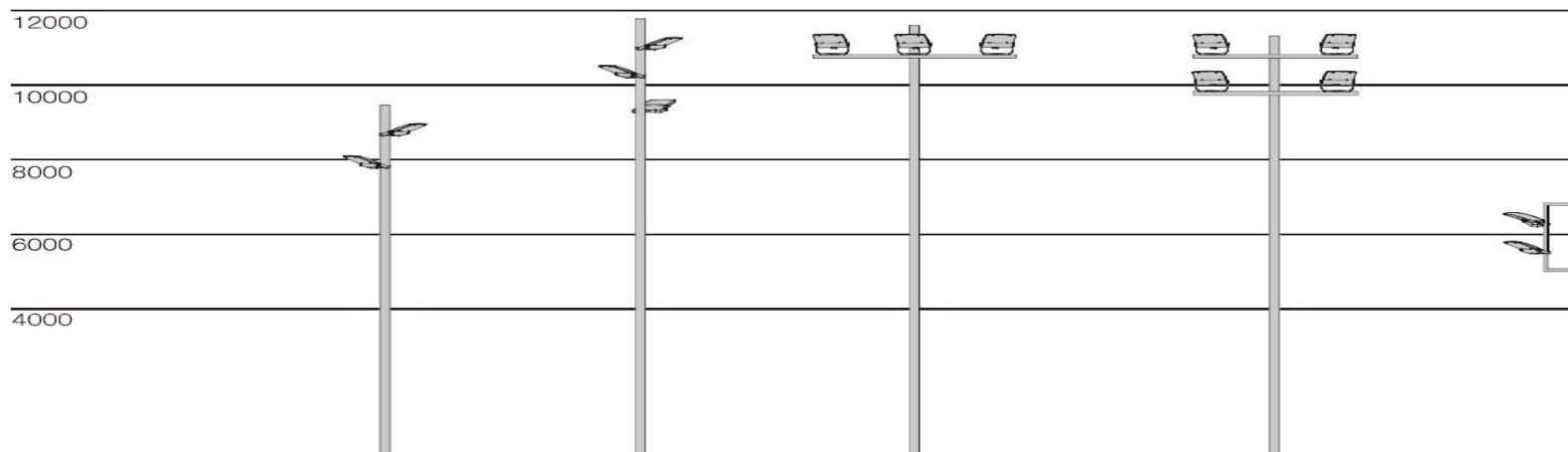


FILE PROJECTOR PRASA S





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

Specially efficient in:

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

CHARACTERISTICS

Electrical Characteristics

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

Mechanical Characteristics

- Material.... Corrosion-resistant aluminum alloy
- Lenses..... Polycarbonate / PMMA
- Weight..... 4.50 kg
- Color..... RAL 9022
- Diffuser..... Flat tempered glass
- Installation..... Yoke mount
- Wind surface area..... 0.1 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

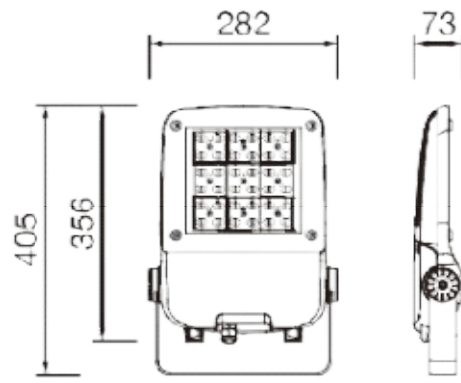
Photometric Characteristics

- Light source..... Philips FastFlex LED
- Number of LEDs..... 4 / 8 / 12 / 16 / 24 / 36 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

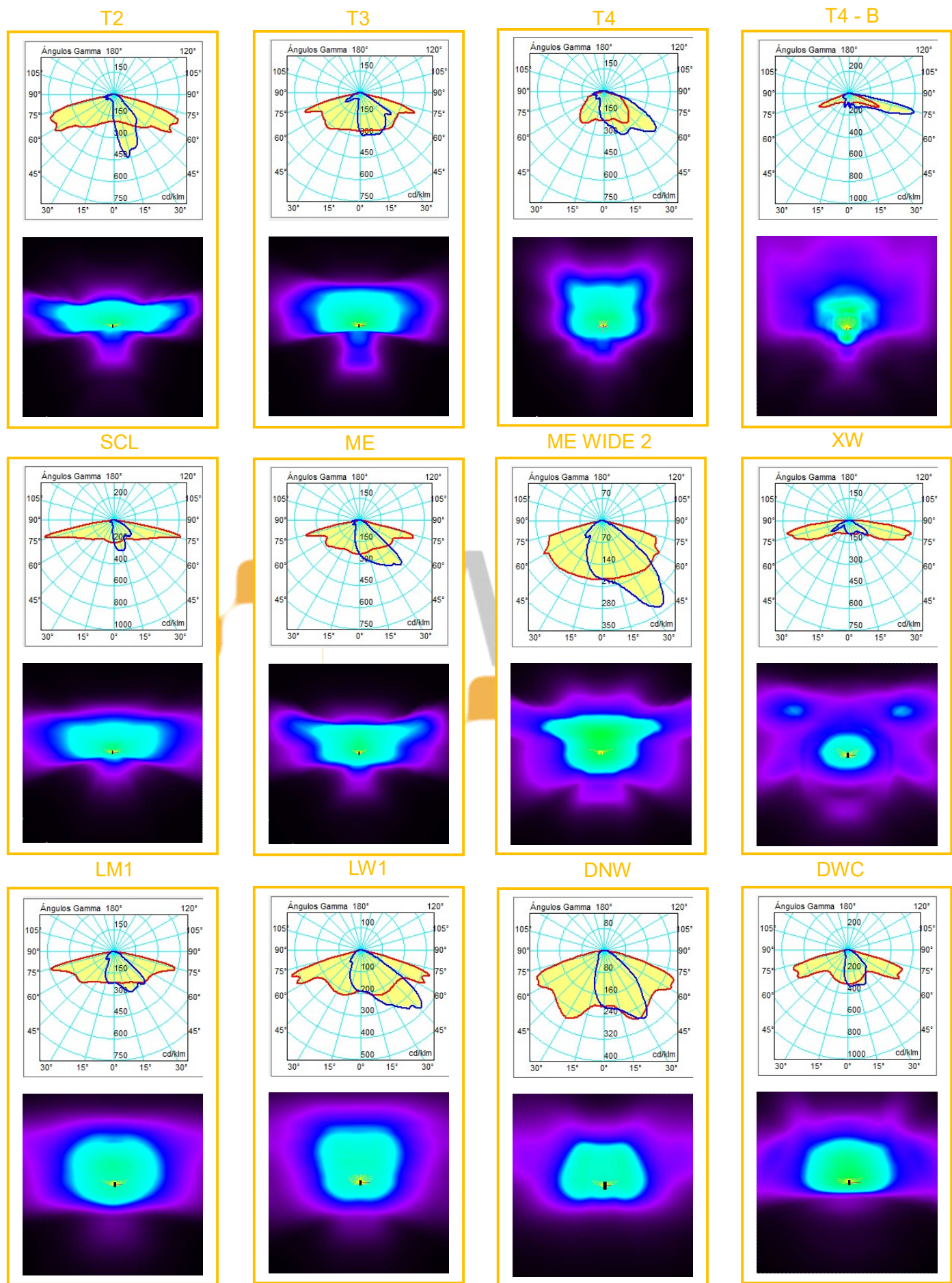


LIGHTING CONFIGURATION

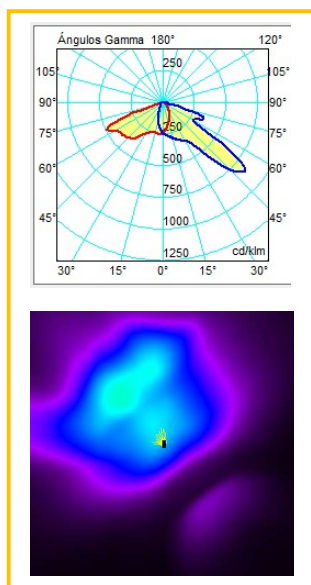
	4 LEDS	8 LEDS	12 LEDS	16 LEDS	24 LEDS	36 LEDS
2200K	1560	3078	4080	4960	7440	12300
2700K	1605	3159	4216	5080	7680	12700
3000K	1935	3780	5032	6080	9180	15200
4000K		3807	5066	6080	9180	15200
Power (W)	15	27	34	40	60	100
Efficiency (lm/W)	129	141	149	152	153	152

* 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.

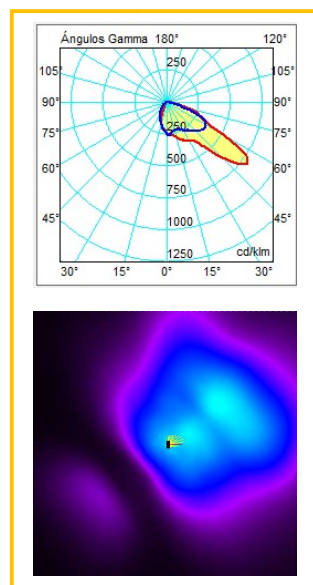
OPTICAL DISTRIBUTIONS



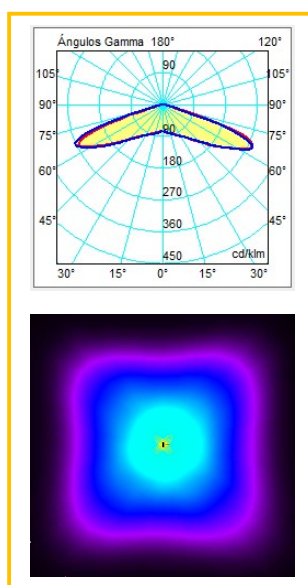
PX



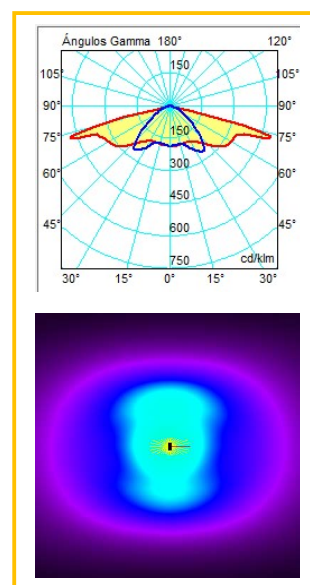
PXL



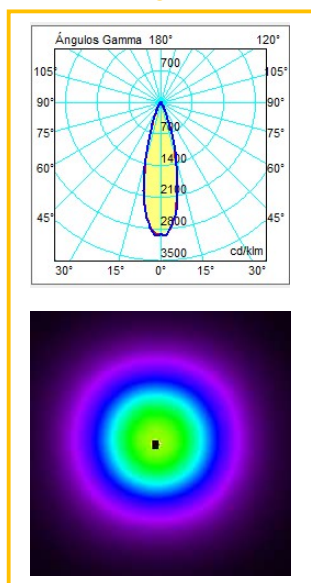
VSM



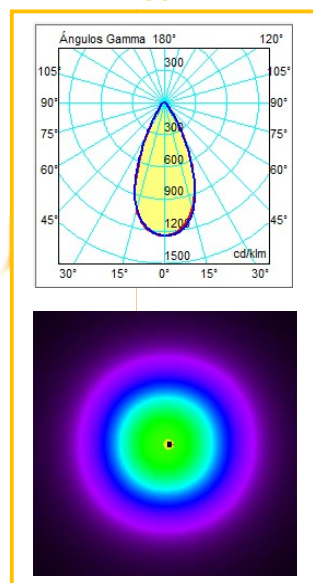
CAT



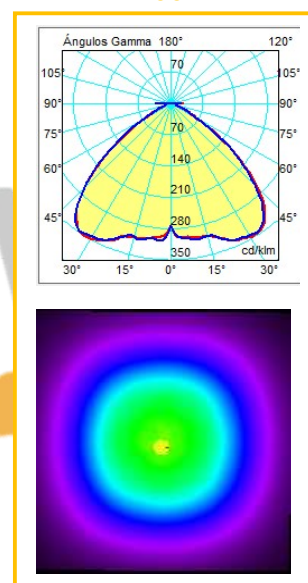
25°



50°



100°



FN

