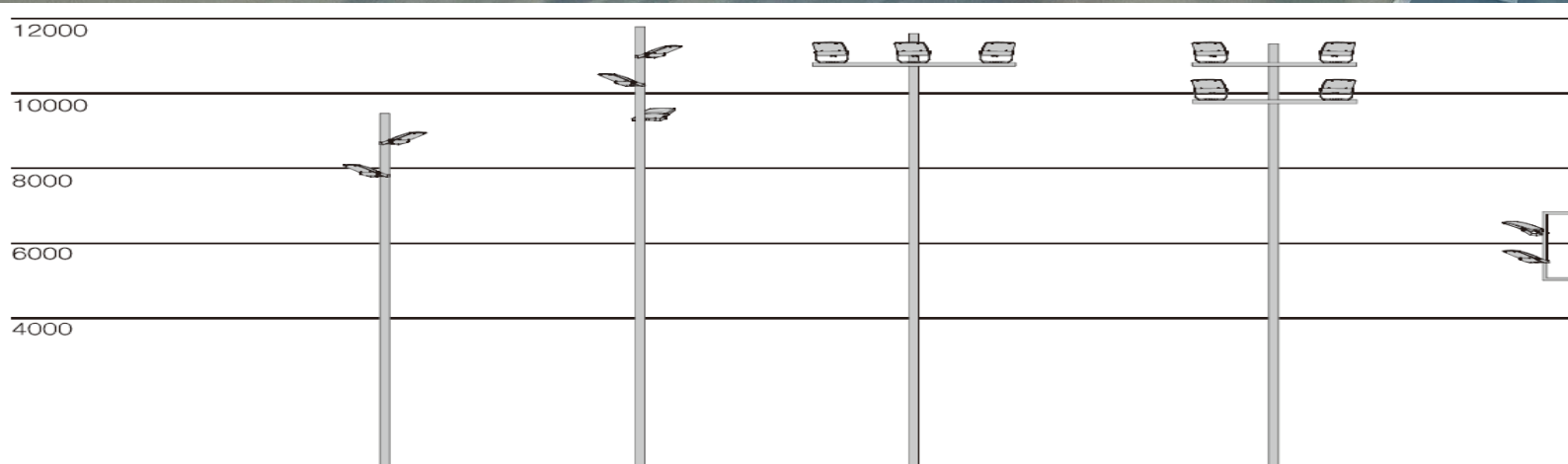


FILE PROJECTOR PRASA RGBW 150





DESCRIPTION:

The **Prasa RGBW floodlight** has been designed to provide a wide variety of colours and lighting effects. This floodlight is capable of delivering high-quality outdoor illumination while offering the additional capability of projecting light in multiple colours.

Using RGBW LED technology, the luminaire generates a broad spectrum of bright and saturated colours, enabling the creation of customised lighting effects and adaptation to different environments, architectural applications, and events.



- Die-cast aluminum housing.
- Independent structure for the electrical compartment and light module
- PC lens optical system providing high visual comfort and uniform light distribution.
- Factory-programmed Philips Xitanium LP/FP DALI driver.
- Excellent accessibility with safe and quick opening.
- UV-resistant polyester powder coating. Corrosion resistance exceeds 1,000 hours.
- Photobiologically safe (no risk associated with infrared, blue light, or UV radiation) in accordance with EN 62471:2008.
- External screws manufactured from AISI 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 and gardens |
| • Roadways | • Residential Areas | • Museums |

CHARACTERISTICS

Electrical Characteristics

- Supply voltage..... 230 Vac
- Supply frequency.....47 Hz
- Power factor..... >0.97
- Electrical class..... Class I / Class II
- Programmable output current..... 0.2 – 1 A
- LF output current ripple..... <4%
- Constant Light Output (CLO)..... Available
- Driver..... Philips Xitanium OutdoorProg
- Power consumption..... 150 W
- 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
(Flicker-free)

Mechanical Characteristics

- Material.... Corrosion-resistant aluminum alloy
- Lenses..... Polycarbonate / PMMA
- Weight..... 8.40 kg
- Colour..... RAL 9022
- Diffuser..... Flat tempered glass
- Mounting..... Yoke bracket
- Wind-exposed surface area..... 0.235 m²

Dimming and Control

- Dimming..... DALI-DMX
- Autonomous programming.....Up to 5 steps
- Point-to-point control Compatible
- Centralized control..... Optional (AmpDim)
- Control line..... Optional
- Bluetooth control..... Optional

Options

- SRI.....Yes
- Protección sobretensiones.....Yes
- Connector..... Nema / Zhaga
- Sensors.....Yes

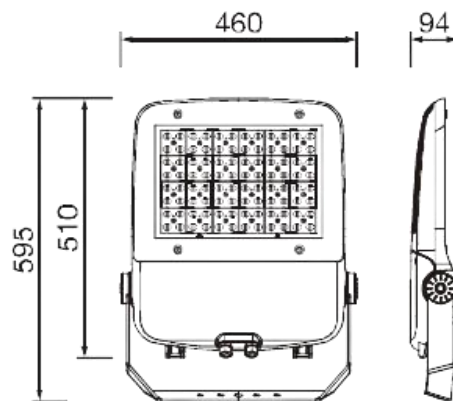
Photometric Characteristics

- Light source..... Philips FastFlex LED
- Number of LEDs..... 48 LEDs
- LED lifetime..... >100,000 hours
- CRI..... CRI >70 / CRI >80
- Modularity..... Zhaga Book 15 compliant
- Protection..... Yes
- Lens efficiency..... >92%
- Luminous efficacy 183 lm/W (White) / 53.2 lm/W (RGB)
- Colour temperature..... 4000K / RGB
- Overtemperature protection NTC 15 kΩ + 2000 Ω
- Optical distributions..... More than 20 available
- ULOR..... <0.1 %
- Lumen maintenance Linear Constant Light Output
(CLO) programming over time

The values shown in these tables are subject to slight variations resulting from factors such as the optics used in the luminaire or its operating current.

For other configurations or power ratings, please consult the factory.

DIMENSIONS

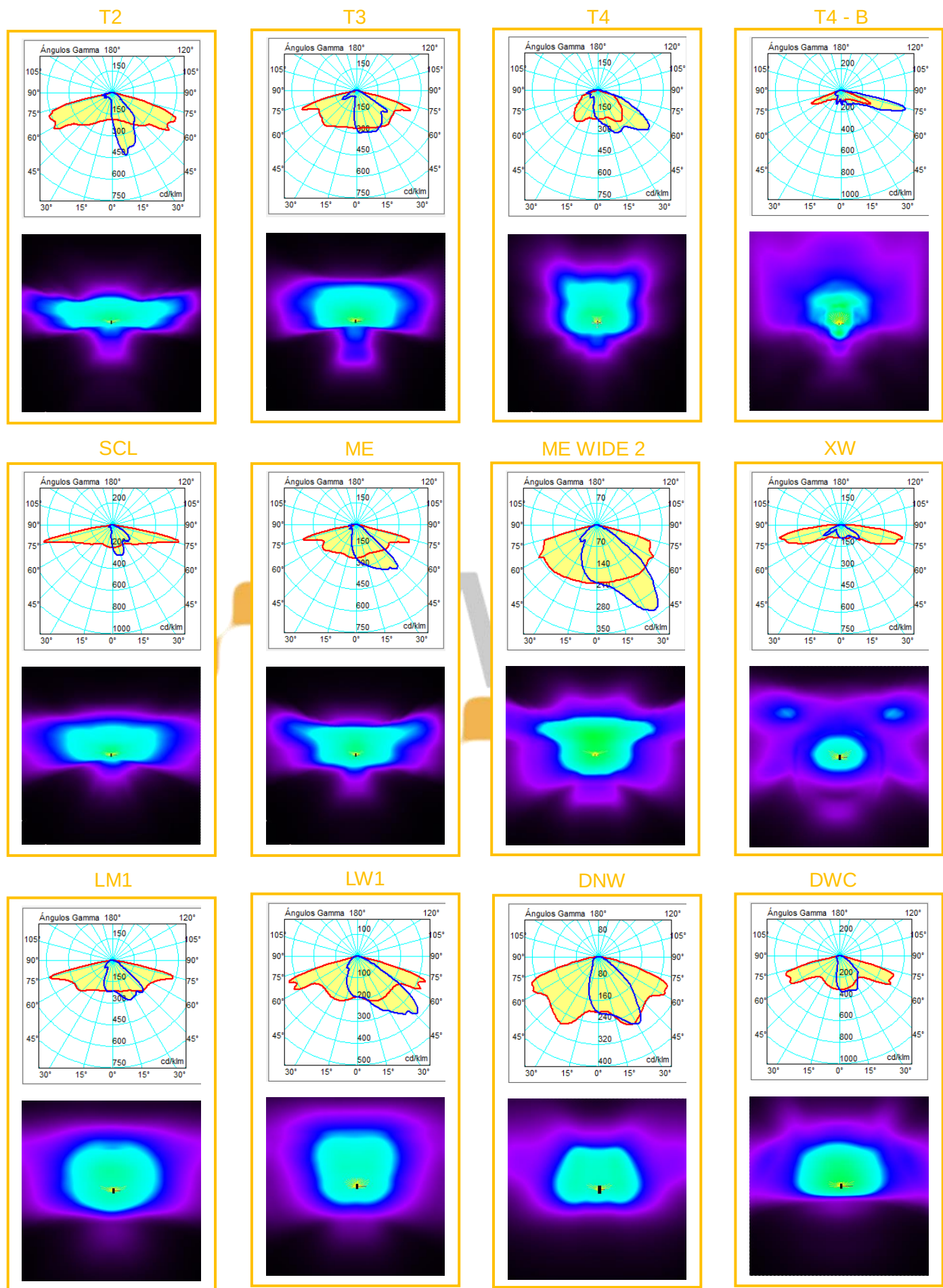


LIGHTING CONFIGURATION

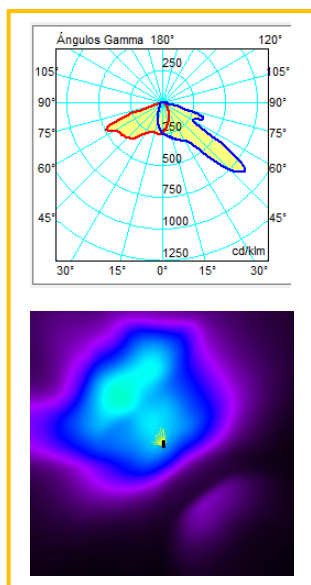
48 LEDS		
4000K	Lm	20484
RGB	Lm	7650
Power	W	150
Efficiency (lm/W)	Max	136

The values shown in these tables are subject to slight variations resulting from factors such as the optics used in the luminaire or its operating current.

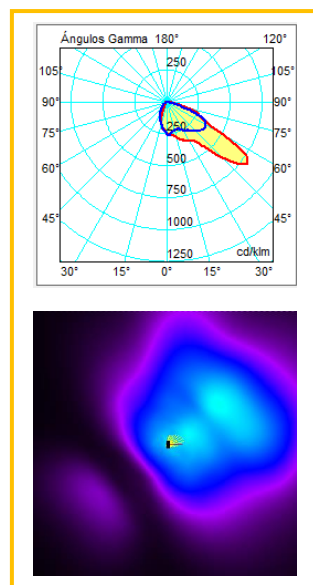
OPTICAL DISTRIBUTIONS



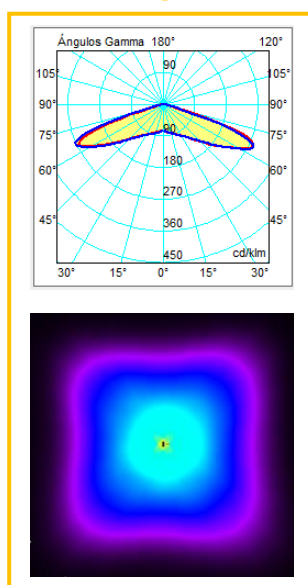
PX



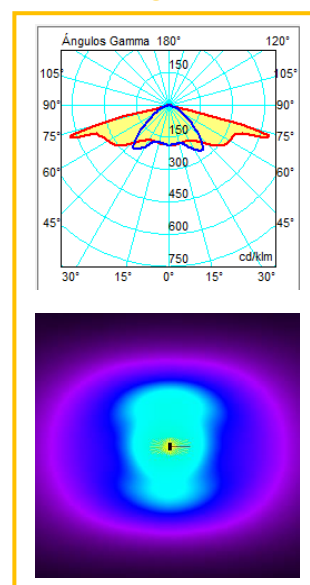
PXL



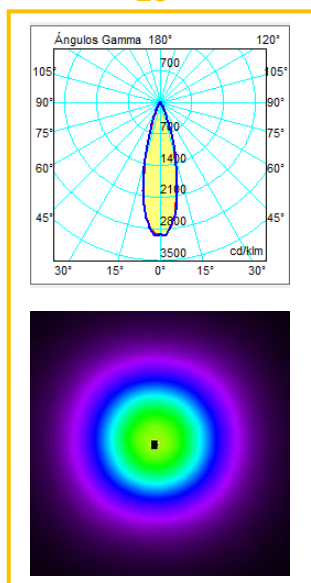
VSM



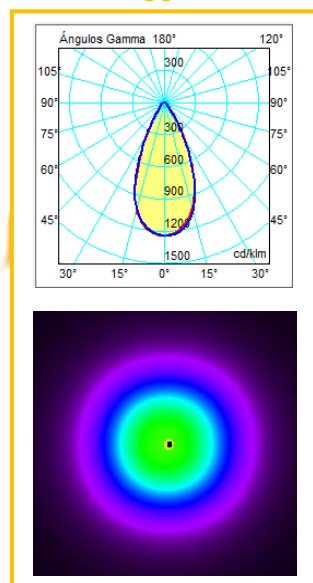
CAT



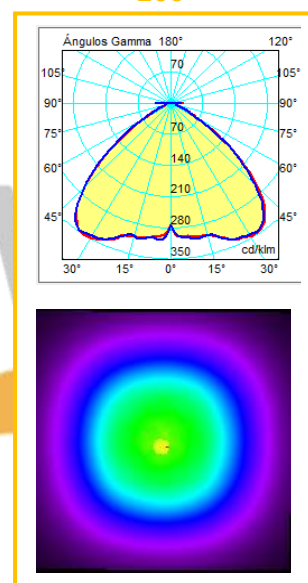
25°



50°



100°



FN

