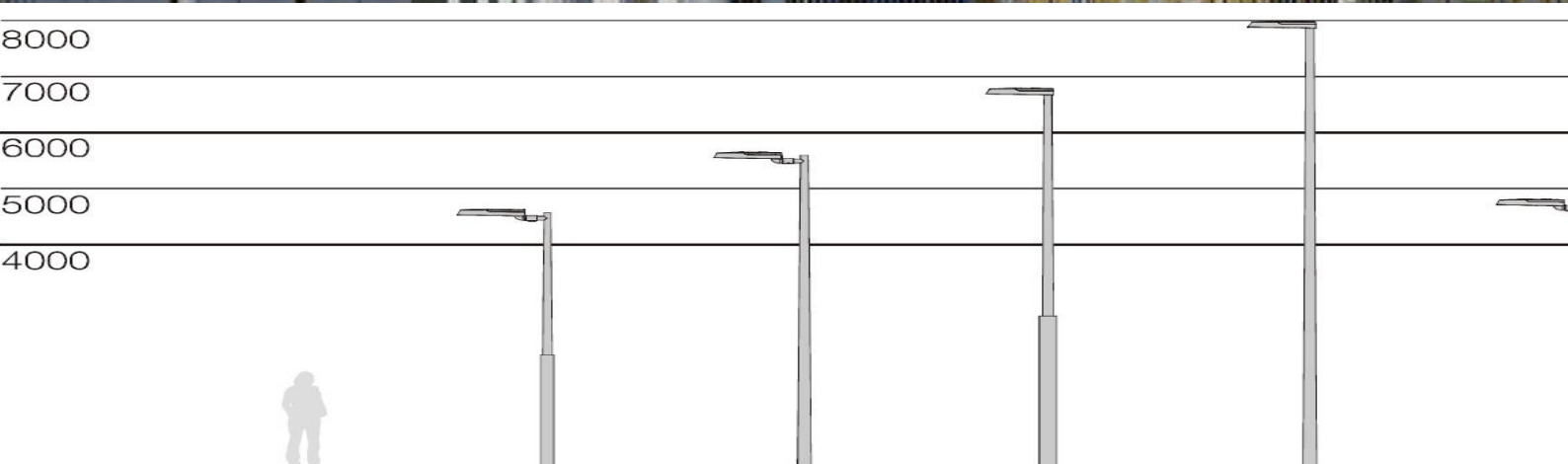


FILE LUMINAIRE PADLE





DESCRIPTION:

Designed for practical, premium-quality roadway lighting, Padle offers three installation methods to meet the requirements of different road types.

One of its key advantages is its ability to deliver high-quality illumination while maintaining outstanding energy efficiency



- Die-cast aluminum housing with super white tempered glass.
- PC lens optics providing high visual comfort and uniform light distribution.
- Philips Xitanium LP/FP – DALI driver, factory-programmed.
- Tool-free replacement and maintenance with push-button opening system.
- Three installation options: vertical, horizontal, and wall-mounted. Installation spigot diameter: Ø48 / Ø60 mm.
- UV-resistant pure polyester powder coating with corrosion resistance exceeding 1,000 hours.
- No photobiological risk (no risk associated with infrared radiation, blue light, or UV radiation) in accordance with EN 62471:2008.
- Compatible with remote management systems.
- External screws made of 304 stainless steel.

STANDARDS AND APPLICATION

- | | | |
|---------------------------|----------------------|------------------|
| • 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:

- | | |
|----------------|---------------------|
| • Main avenues | • Commercial Areas |
| • Streets | • Residential Areas |
| • Gardens | • Parks |

CHARACTERISTICS

Electrical Characteristics

- Input voltage..... 230 Vac
- Input frequency..... 47–63 Hz
- Power factor..... >0.97
- Electrical class..... Class I / Class II
- Programmable curre..... 0.2 – 1 A
- LF output current ripple..... <6%
- Constant Light Output (CLO)..... Enabled
- Driver..... Philips Xitanium Outdoor Prog
- Power..... 40W
- Electrical protection..... 6 kV (driver), optional 10 kV
- Thermal protection..... Self-protected driver
- HF output current ripple..... <5%
- Operating temperature..... -40°C to +55°C
- Driver diagnostics..... Active
- Driver lifetime..... 100,000 hours
- Current regulation..... Amplitude modulation (Flicker-free)

Mechanical Configuration

- Material.... Corrosion-resistant aluminum alloy
- Lenses..... Polycarbonate / PMMA
- Weight..... 5.95 kg
- Color..... RAL 9007
- Diffuser..... Tempered glass
- Installation..... Vertical, Horizontal, or Wall-mounted
- Installation diameter..... 60 mm
- Wind surface area..... 0.049 m²

Dimming and Programming

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

Options

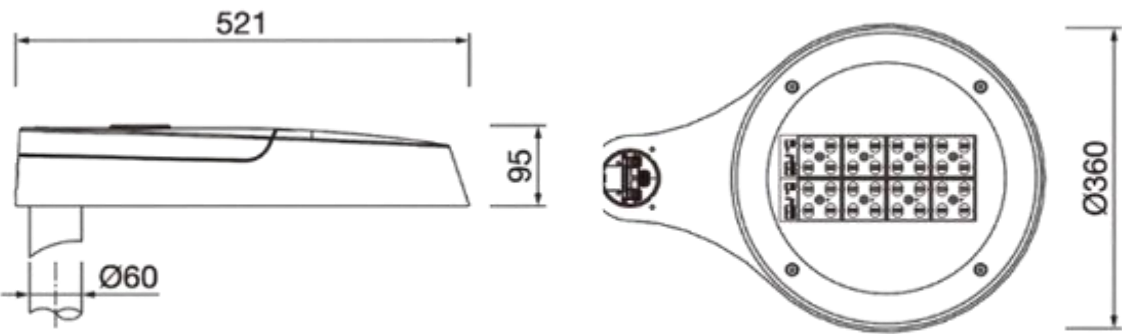
- *SRI*..... Yes
- *Surge Protections*..... Yes
- *Connector*..... Nema / Zhaga
- *Sensors*..... Yes

Photometric Characteristics

- Light source..... Philips FastFlex LED
- Number of LEDs..... 8 / 12 / 16 LEDs
- CRI..... CRI >70 / CRI >80
- Modularity..... Compatible with Zhaga Book 15
- Protection..... Yes
- Lens efficiency..... >92%
- Optical distributions..... More than 20 options
- LED lifetime..... >100,000 hours
- LED luminous efficacy..... 208 lm/W
- Color temperature..... 2200K / 2700K / 3000K 4000K / AMBER
- Overheating protection...NTC 15 kOhm + 2000 Ohm
- ULOR (Upward Light Output Ratio)..... <0.1%
- Lumen maintenance..... Linear programmed over time (CLO)

For other configurations or required wattages, please consult the factory.

DIMENSIONS



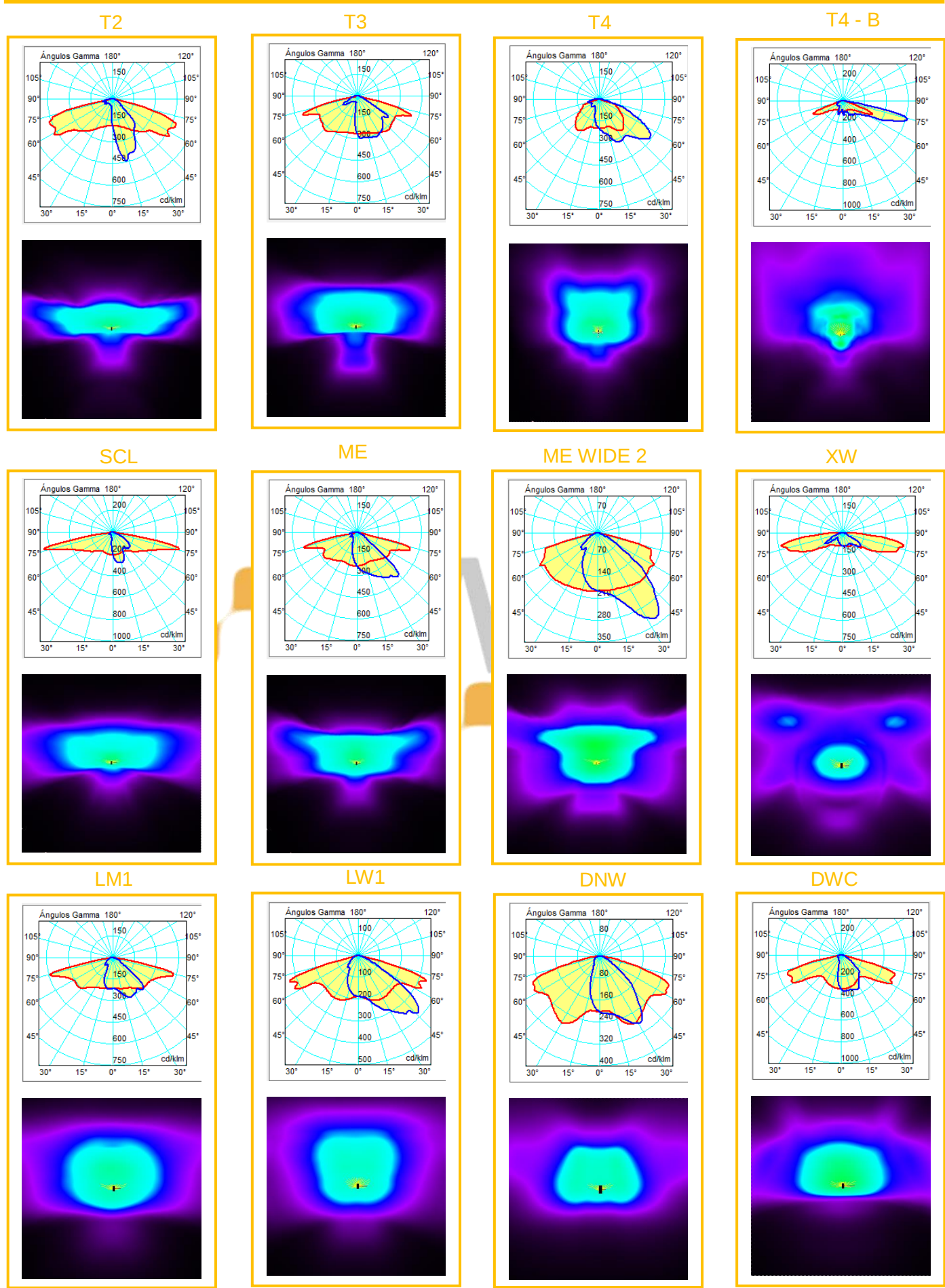
LIGHTING CONFIGURATION

	8 LEDS	12 LEDS	16 LEDS
2200K	3078	4080	4960
2700K	3159	4216	5080
3000K	3780	5032	6080
4000K	3807	5066	6080
Power (W)	27	34	40
Efficiency (lm/W)	141	149	152

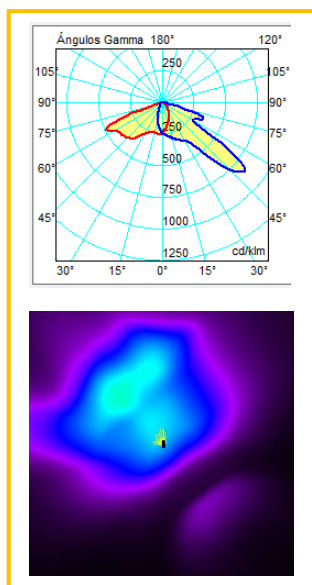
The values shown in these tables are subject to slight variations resulting from factors such as the optics used in the luminaire or its operating current

For other configurations or required wattages, please consult the factory.

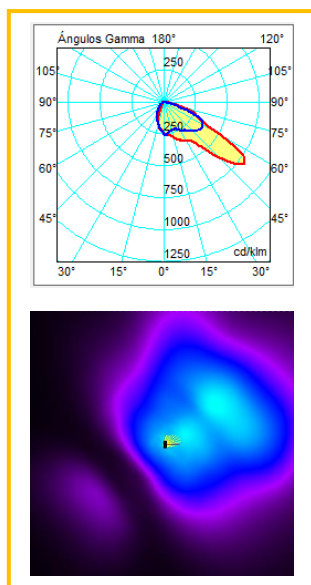
OPTICAL DISTRIBUTION



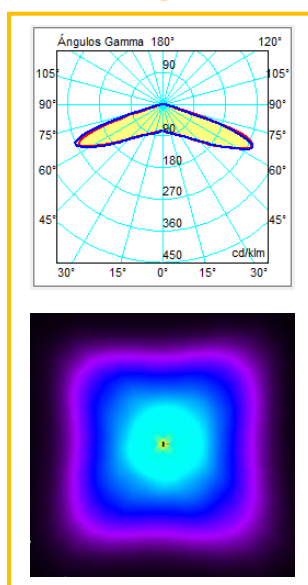
PX



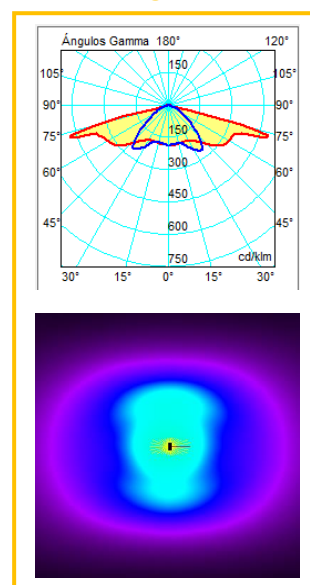
PXL



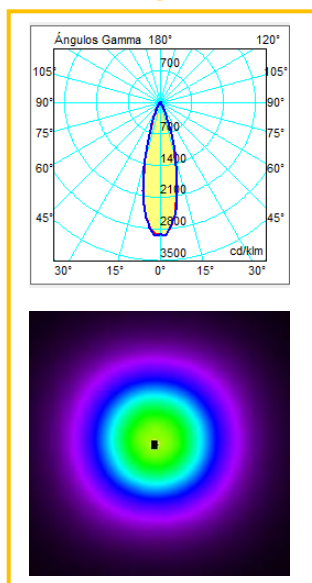
VSM



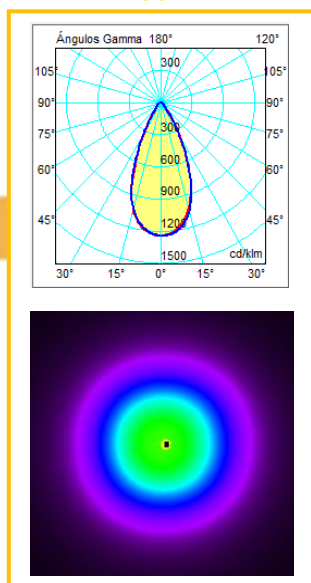
CAT



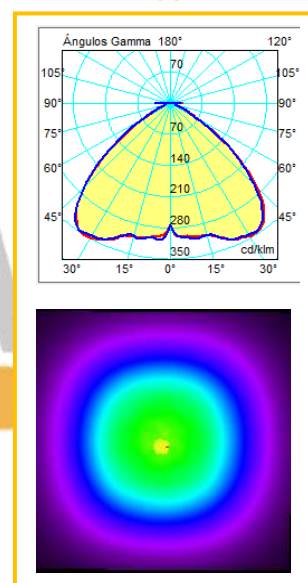
25°



50°



100°



FN

