FILE LUMINAIRE ALBA



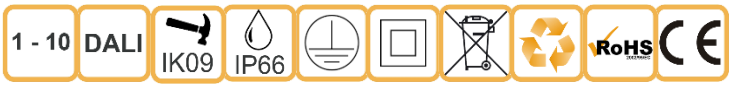


DESCRIPTION

The Alba luminaire embodies an innovative approach to creating a classic ambiance through a contemporary design, delivering highly efficient and aesthetically refined urban lighting solutions.

Designed to adapt seamlessly to the technical requirements of each project, this luminaire is ideal for illuminating parks, plazas, and avenues.





- Die-cast aluminum housing with super white tempered glass.
- PC lens optics providing high visual comfort and uniform light distribution.
- Philips Xitanium LP/FP driver – DALI – factory programmed.
- Surge protection up to 10 kV.
- Excellent accessibility for easy maintenance.
- UV- and corrosion-resistant polyester powder coating.
- No photobiological risk (no risk associated with infrared, blue light, or UV radiation) in compliance with EN 62471:2008.
- External screws in 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:

- Big avenues
- Streets
- Squares
- Comercial areas
- Residential areas
- Pedestrian streets

CHARACTERISTICS

Electric Characteristics

- Input voltaje…….... 230 Vca
- 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)……... Activatable
- *Driver*……..… Philips XitaniumOutdoorProg.
- Power…..……..……60W
- Surge protection……4kV (driver) opcional 10 kV
- Thermal protection…..…..……... Driver autoprotegido
- HF output current ripple…...……..……..…...<4%
- Operating temperatura……..…..……... -40ºC a +55ºC
- Driver diagnostics ...……..…..……Activo
- *Driver lifetime*...……..…….. 100.000 horas
- *Current regulation*……..……...Amplitude modulation (Flicker free)

Mechanical charasteristics

- *Material*…..Corrosion-resistant aluminum alloy
- *Optics*……..… Polycarbonate / PMMA
- *Weight*..……..…….. 11.50 kg
- *Color*……..…..……..RAL 9005
- Diffuser ..... Flat tempered glass
- Mounting ..... Post-top installation
- Mounting diameter ..... Ø60 mm
- Wind exposed area ..... 0.096 m²

Control and programming

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

Options

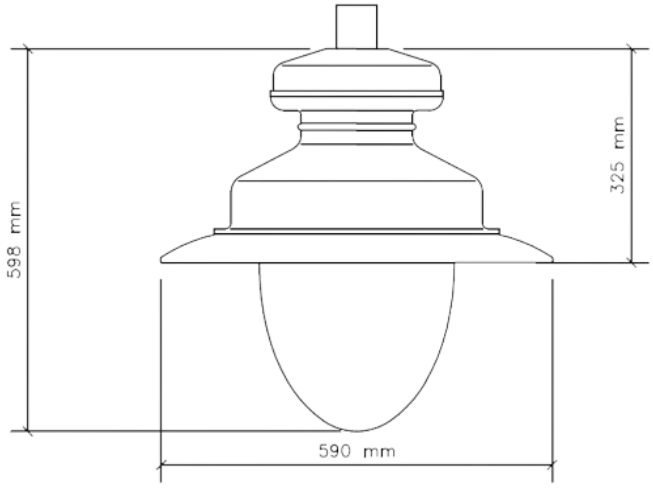
- *SRI*……Yes
- *Protección sobretensiones*……...Yes
- *Connector*.……..…….. Nema / Zhaga
- *Sensors*……..…...Sí

Photometric charasteristics

- Light source ..... Philips FastFlex LED
- Number of LEDs ..... 8 / 12 / 16 / 24 LEDs
- CRI ..... CRI >70 / CRI >80
- Modularity ..... Zhaga Book 15 compatible
- Protection ..... Yes
- Lens efficiency ..... >92%
- Optical distributions .....Over 20 different optics
- Lumen maintenance ..... Linear time based programming (CLO)
- LED lifetime ..... >100,000 hours
- LED efficacy ..... 208 lm/W (350 mA, 4000 K) (DA UHE) 205 lm/W (350 mA, 3000 K)
- Color temperature ..... 2200 K / 2700 K /3000 K / 4000 K / Amber
- Overheating protection .....NTC 15 kOhm + 2000 Ohm
- ULOR / FHS ..... <1%

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

DIMENSIONS



PHOTOMETRIC CONFIGURATIONS

	8 LEDS	12 LEDS	16 LEDS	24 LEDS
2200K	3078	4080	4960	7440
2700K	3159	4216	5080	7680
3000K	3780	5032	6080	9180
4000K	3807	5066	6080	9180
Power (W)	27	34	40	60
Efficiency (lm/W)	141	149	152	153

*The values shown in these tables may be subject to slight variations due to factors such as the optics used in the luminaire.

ÓPTICAL DISTRIBUTIONS

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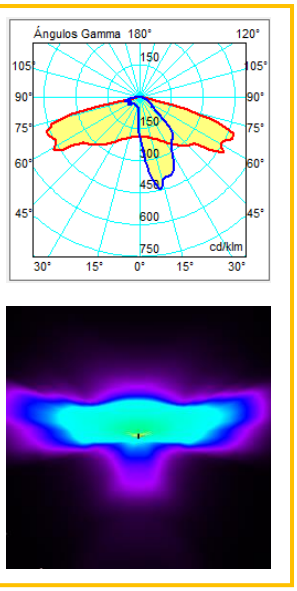

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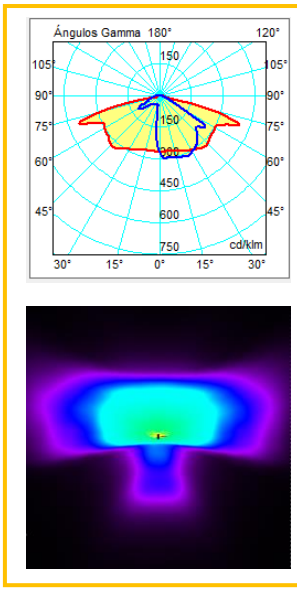

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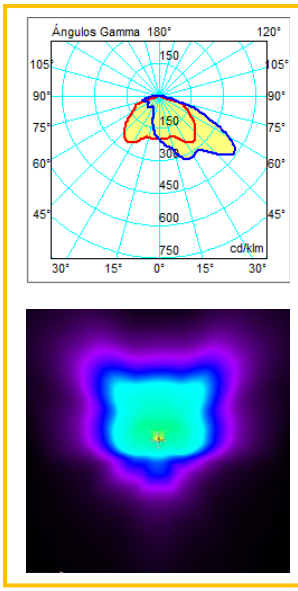

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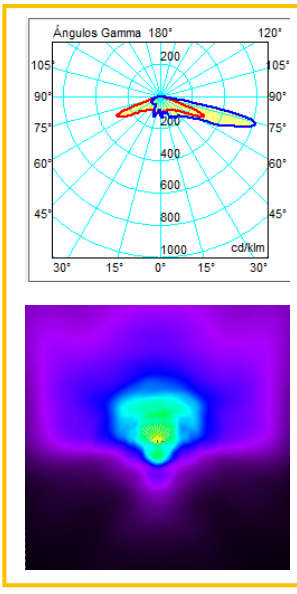
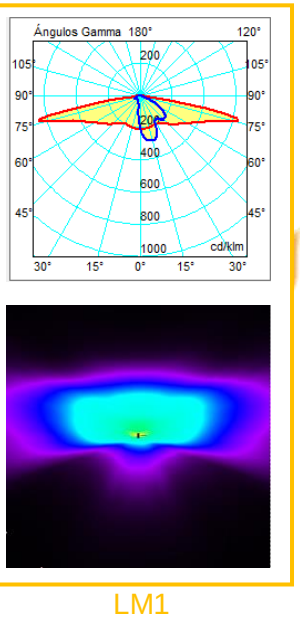


SCL



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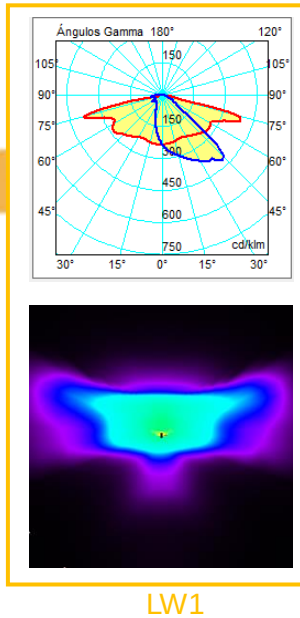
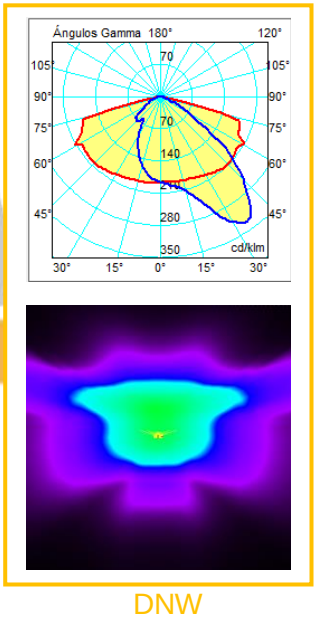


ME WIDE 2



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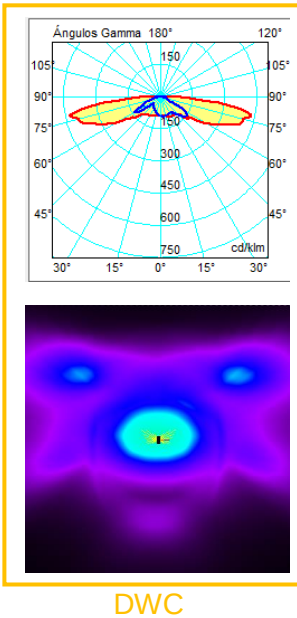

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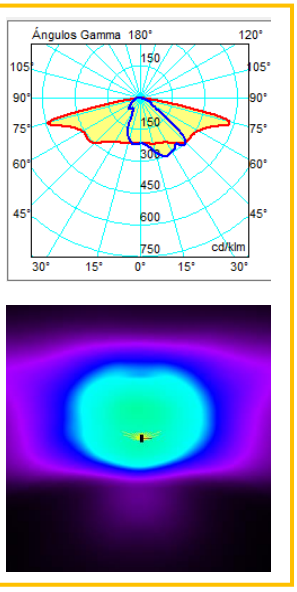

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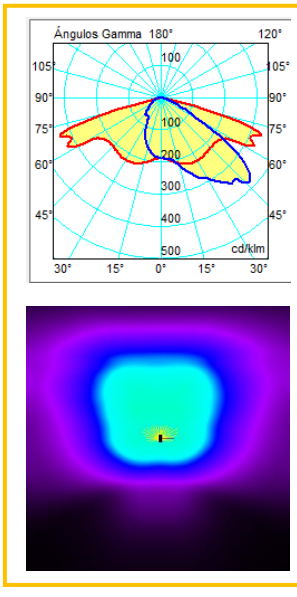

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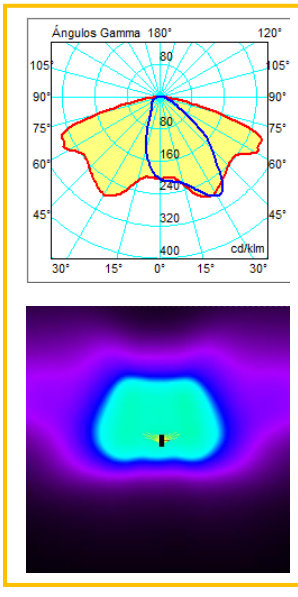

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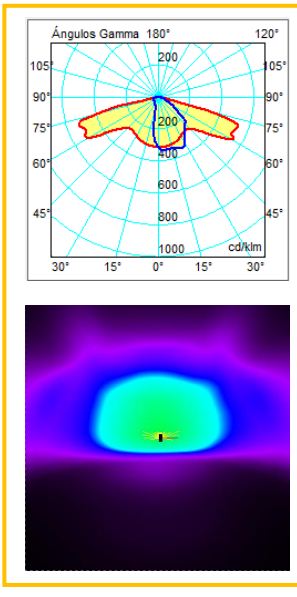

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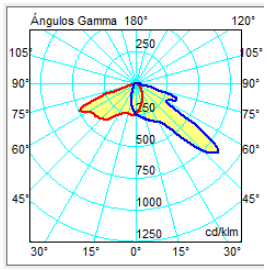

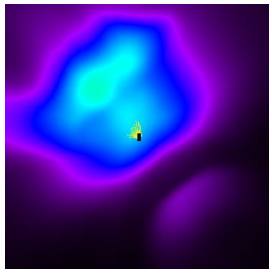

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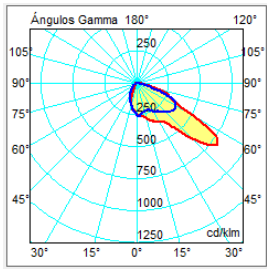
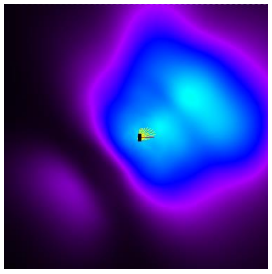
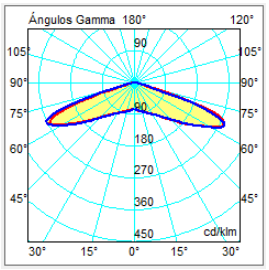
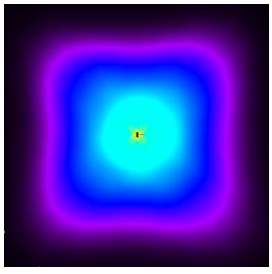




VSM





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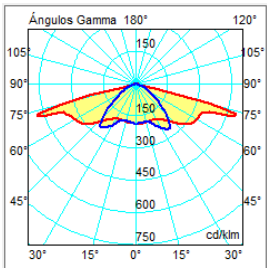

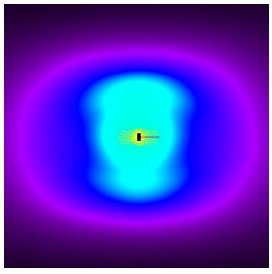

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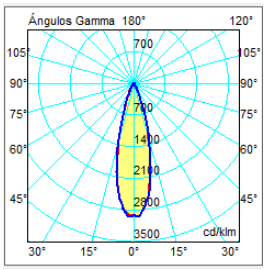

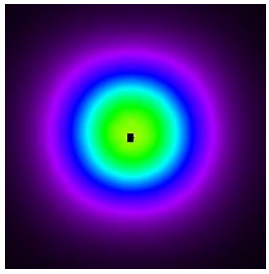

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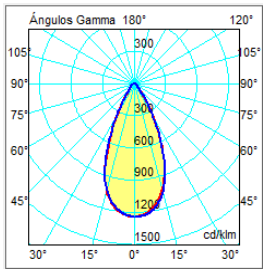

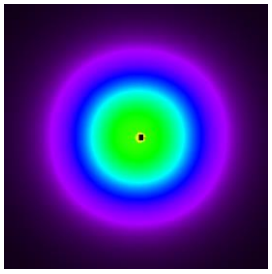

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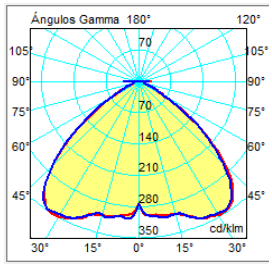

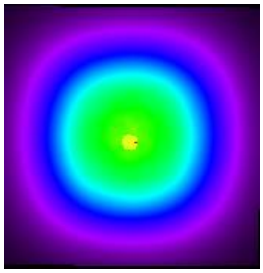

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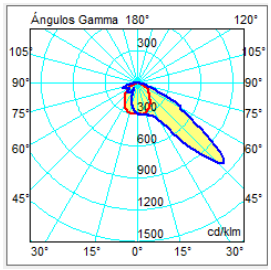

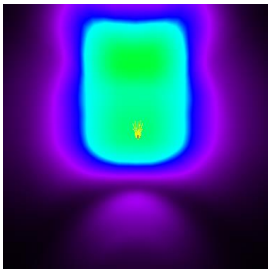

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