

# Okapi



## Product information

The perfect combination between the aesthetic and functionality makes this luminaire the perfect solution for the replacement of luminaires with low energy efficiency and important light nuisances. Ideal for efficient lighting of walkways, parks & gardens up to 6m high. The advanced LED optical system used in the Okapi LED improved horizontal and vertical uniformity, reduced glare and improved lighting controls.

## Application areas



Pedestrian street



Parks



Road & street

## Driver features

- Electronic, programmable & dimmable  
Control system inputs: DALI, Analogue (0-10V) and
- Clock dimming

## Structures and materials

- Housing material: die-cast aluminium body with polyester-based powder coat, corrosion resistant screws and brackets
- Optic material: coated polycarbonate or aluminium
- Optical cover: tempered glass
- Colour: grey 150 sable
- All materials used in this product are WEEE and ROHS compatible.

## Electrical

Input voltage and frequency: 220-240V, 50-60Hz  
Class I: standard, Class II: on request  
Surge protection: minimum 6kV/4kA  
Rated input power: 15W to 55W  
Power factor: >0.9 (at nominal power above 25W)

## Installation and maintenance

Mounting options:

- Side-mounting  $\varnothing$ 48-60 mm
- Post top mounting  $\varnothing$ 48-76 mm
- Decor Arm  $\varnothing$ 48-60 mm
- Weight: 12 kg
- Recommended mounting height: 6 - 10m
- Storage temperature up to 85°C.
- Ambient temperature from -40°C to +50°C

## Optics

Available photometric distributions:

- Narrow asymmetric- medium (B)
- Asymmetric- short (C)
- Asymmetric- medium (E)
- Forward asymmetric- medium (F)
- Narrow asymmetric- short (N)
- Narrow asymmetric with backlight- short (P)
- Asymmetric short (T)

Rated colour rendering index:>70

Rated correlated colour temperatures\*: 3000K, 4000K, 5000K  
S/P rating for : 3000K: 1.24, 4000K: 1.47, 5000K:1.71  
ULOR: 0

Rated initial chromaticity co-ordinate values:

CIE(x=0.43, y=0.403) 5SDCM  
CIE(x= 0.38, y= 0.38) 5SDCM  
CIE(x= 0.34, y= 0.35) 5SDCM

## Performance

- Rated luminous flux range : from 1410 to 5820
  - Rated luminaire efficacy: Up to 110lm/W at 4000K
  - Photometric code: 730/559, 740/559, 750/559
  - Rated median useful life and the associated rated LM factor:  
L80B50 > 111.000 hours
  - Rated median useful life and the associated rated LM factor:  
L80B10 > 105.000 hours
  - Rated abrupt failure value: 5,57%
  - Lumen maintenance code: 8
  - Rated ambient temperature (tq) related to performance  
for a luminaire: 25 C
  - ULOR: 0
- \*Definitions and tolerances according to IEC62722-2-1:2014

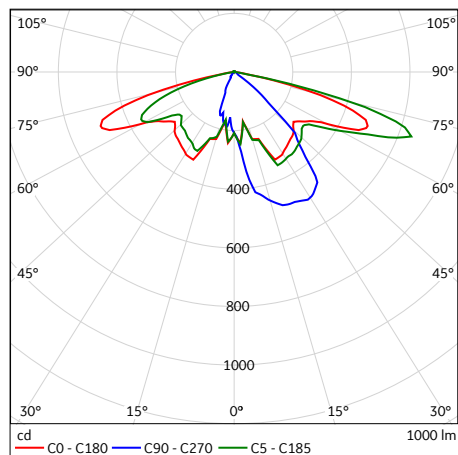
## Standards and regulation

CE, ENEC, Directive 2004/108/EC, 2006/95/EC, 2009/125/EC, 1194/2012/EU, 2011/65/EC, EN 60598, EN 62471, EN 55015, EN 61000, EN 62493, EN 61547

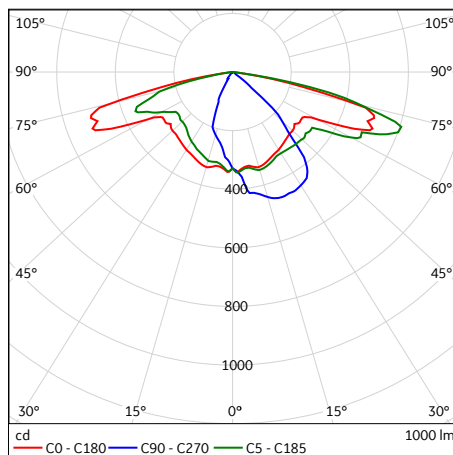
## Other options available

Precabing, extra surge protection up to 10kV/5kA

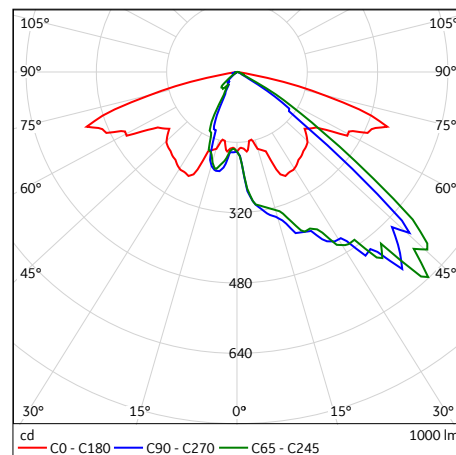
## Typical photometrical features



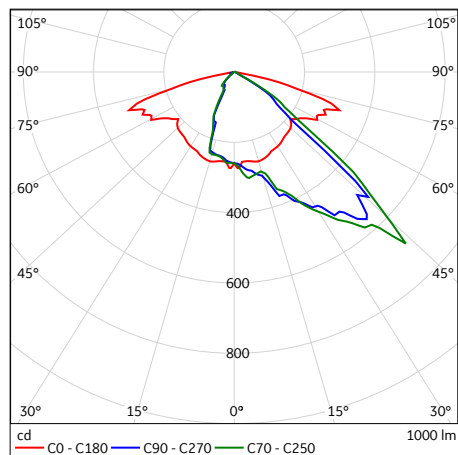
B FLAT ARM



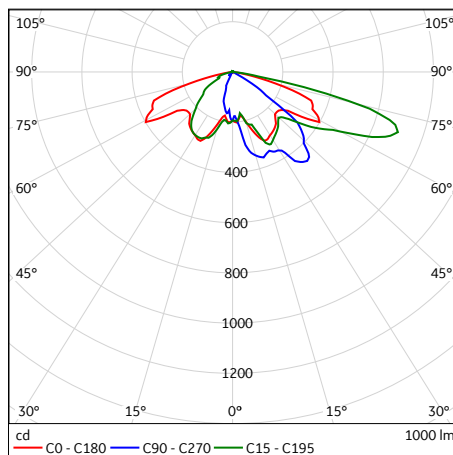
B FLAT



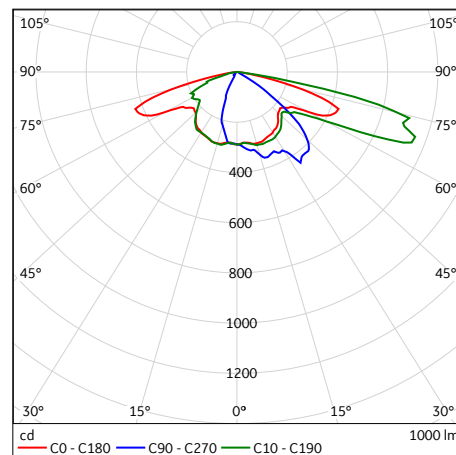
C FLAT ARM



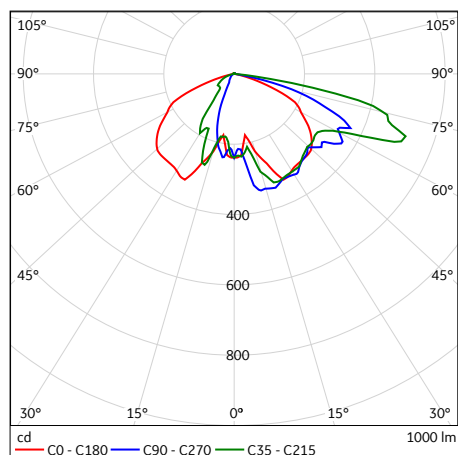
C FLAT



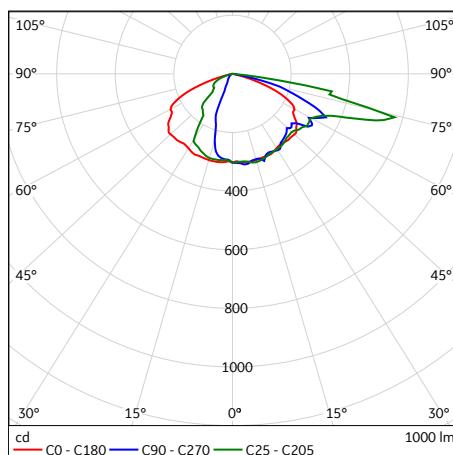
E FLAT ARM



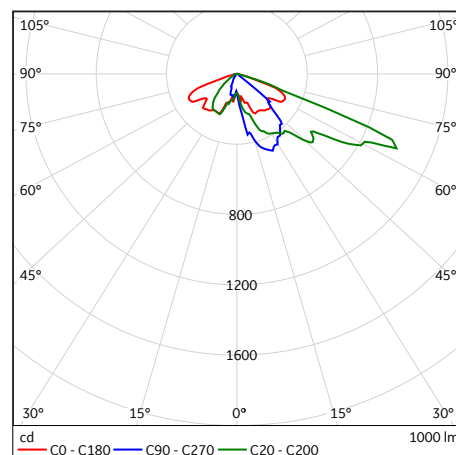
E FLAT



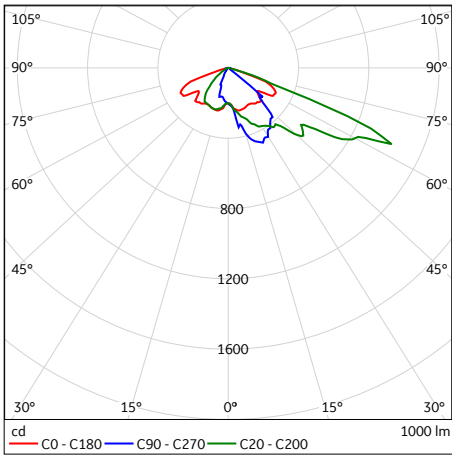
F FLAT ARM



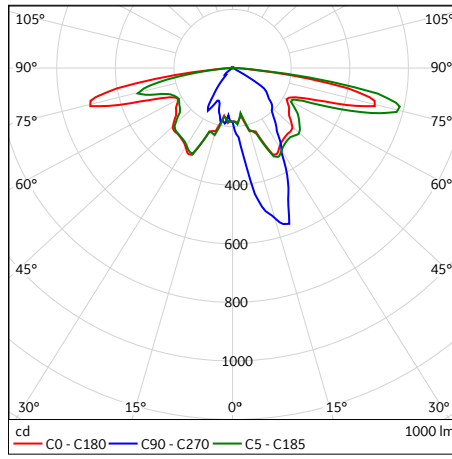
F FLAT



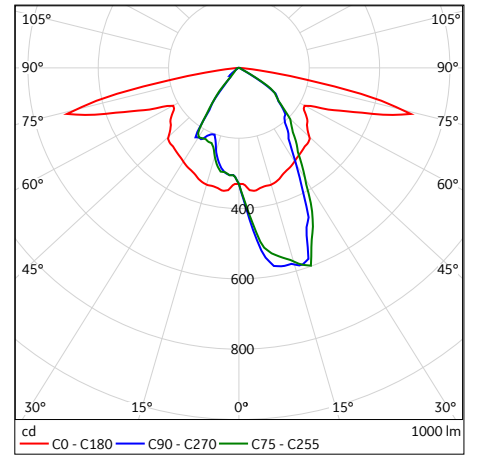
N FLAT ARM



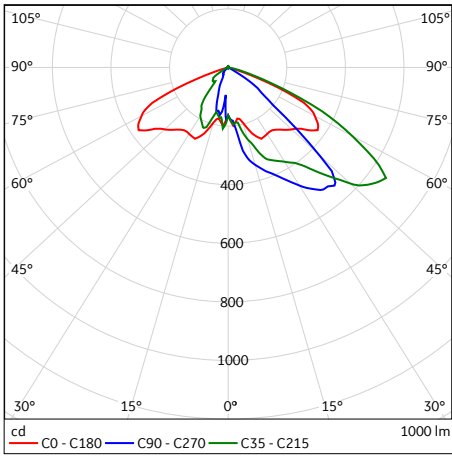
N FLAT



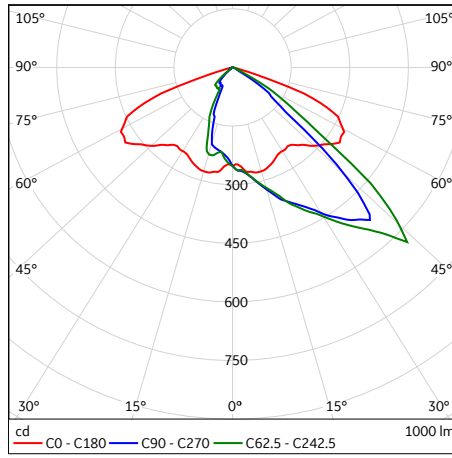
P FLAT ARM



P FLAT

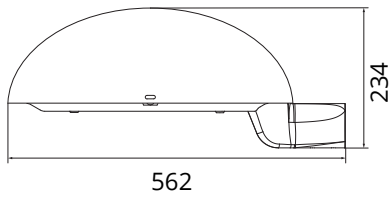


T FLAT ARM

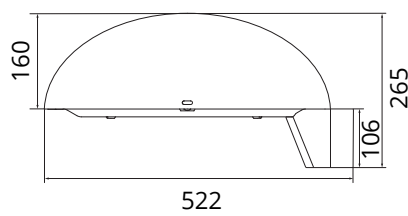


T FLAT

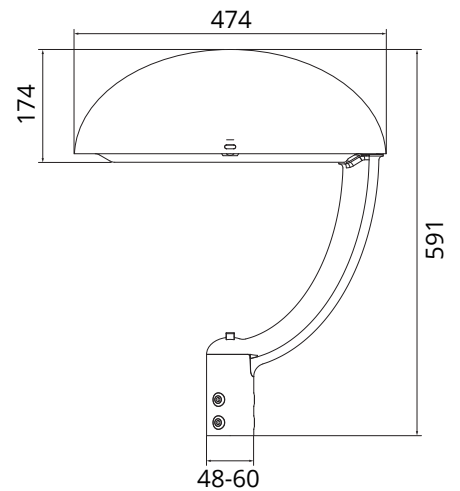
## Dimensions (mm)



Side mounting



Standard post top



Decorative arm

## Order logic

Name	Gen.	Front Glass	Optics	Power (W)	CCT (K)	Control	Accessories	Precabbling <sup>2</sup>	Arm type	Color <sup>3</sup>
<b>OK L</b>	<b>2</b>	<b>F-Flat Glass</b>	B C E F N P T	15 20 30 43 55	<b>30-3000</b> <b>40-4000</b> <b>50-5000</b>	<b>N</b> - No control  <b>D</b> - DALI  <b>C</b> - Clockdim  <b>A</b> - 1-10V analog	<b>ST</b> - Standard type  <b>SP</b> - Surge voltage Potection  <b>F</b> - Fuse <sup>1</sup>	<b>N</b> - No precabbling  <b>PXX</b> - Precabbling with XX meters	<b>N60</b> - Decorative arm Ø 48-60mm  <b>P60</b> - Post top Ø 48-60mm  <b>P76</b> - Post top Ø 76mm  <b>S60</b> - Side mount Ø 48-60mm	G150S  Rxx

**Example:** OK L/2/F/B/15/40/N/ST/C1/N/S60

<sup>1</sup> Only with IEC Class I

<sup>2</sup> In case of precabbling, please sign the lenght of the precabbling

<sup>3</sup> Standard color is Gris150 , in case of other color have to sign the exactly RAL code number Rxxxx