

Okapi LED



DATA SHEET

Grey 150 sable IP66 IK08 10.5-12KG CLASS II CLASS I CE

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. Okapi LED is available with a wide range of system consumptions from 15 to 55 Watts. It is 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. This reliable system offers more than 11 years of service life to reduce maintenance frequency and expense, based on a 50,000 hours life and 12 hours of operation per day.

Structures and materials

Housing: in three pieces (housing, door and arm), all of them in die-cast aluminium with a polyester powder paint finish and oven cured.

Standard colour: grey 150 sable. All RAL colours available on request.

Two safe screws: included in the lower housing allowing an easy luminaire opening.

Screws: galvanized.

All materials used in this product are WEEE and ROHS compatible.

Electrical and gear compartment

Placed into the lower housing and isolated from the environment with a protection degree IP66 comprising:

Driver support board: the driver is mounted onto an aluminium gear tray.

Optics

Optical assembly hermetically sealed providing IP66, comprising:

Glass: Flat tempered glass (IK 08).

Reflector: 7 different reflectors available.

Structured LED array for optimized photometric distribution. Utilized high brightness LEDs, 70 CRI at 3000K, 4000K and 5000K typical. LM79 test and reports are performed in accordance with IESNA standards.

Driver features

Electronic, programmable & dimmable

Control system inputs: DALI, Analogue (0-10V) and Clock dimming.



Electrical

Input voltage and frequency: 220-240V, 50/60 Hz

Class I: standard

Class II: on request

Surge protection: 6kV/3kA,
(10kV/5kA with extended surge protection)

Input power (rated): 15W to 55W

ULOR: 0°C

Power factor: 25°C

Performance*

Rated luminous flux range : from 1410 to 5820

Rated luminaire efficacy :

Up to 107 lm/W at 3000K

Up to 110 lm/W at 4000K

Up to 114,5 lm/W at 5000K

Rated median useful life and the associated rated LM factor L90 (10K): > 54300hours

Rated abrupt failure value: 5,57%

Lumen maintenance code: 9

Rated ambient temperature (ta) related to performance for a luminaire: 25°C

*Definitions and tolerances according to IEC62722-2-1:2014

Installation and maintenance

- Available in European Electrical classes I and II.
- Ambient temperature from -40°C to +50°C
- Storage temperature up to 85°C.
- Weight: 10.5-12 kg
- Recommended mounting height: 4-6 m

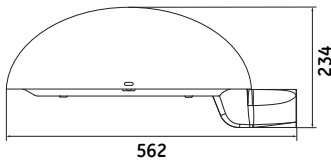


Decorative arm

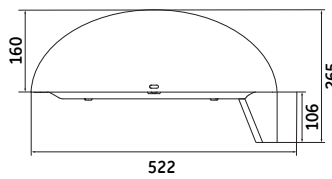
Standard post top

Side mounting

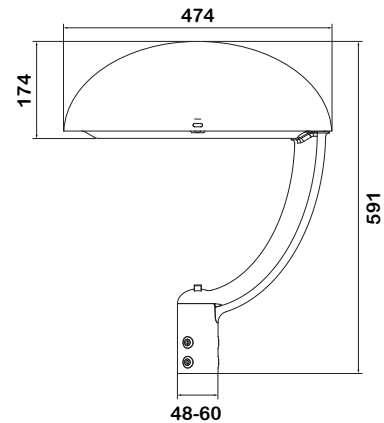
Dimensions [mm]



Side mounting

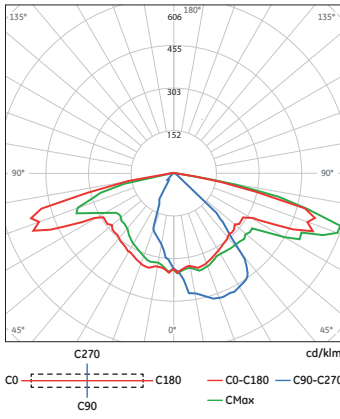


Standard post top

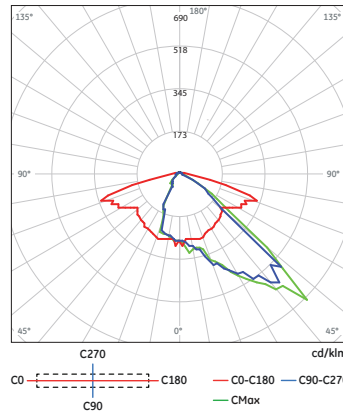


Decorative arm

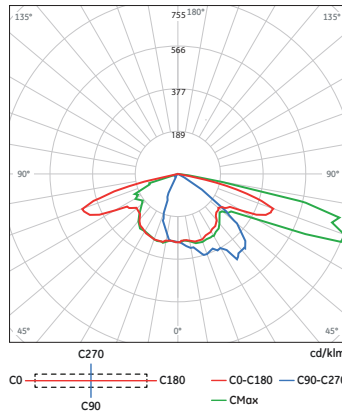
Photometric data



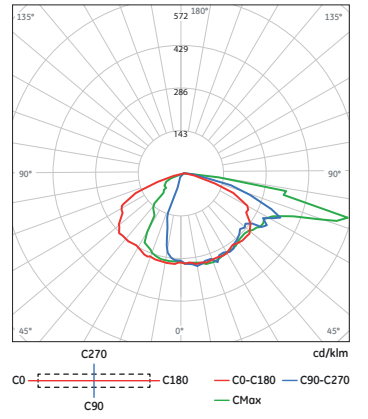
**Narrow asymmetric - medium B /
Side Post Top mounting / Flat Glass**



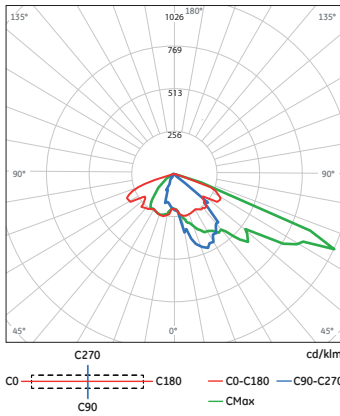
**Asymmetric - short C /
Side Post Top mounting / Flat Glass**



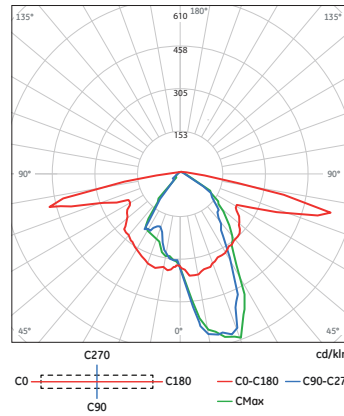
**Asymmetric - medium E /
Side Post Top mounting / Flat Glass**



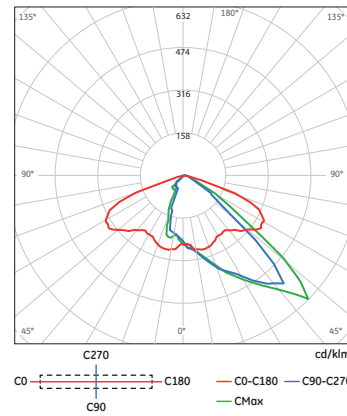
**Forward asymmetric - medium F /
Side Post Top mounting / Flat Glass**



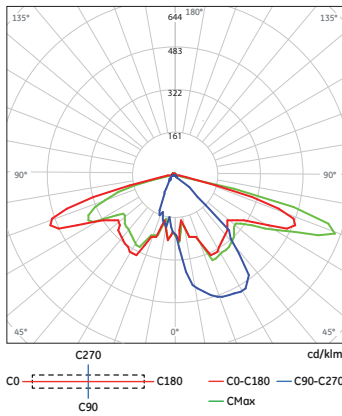
**Narrow asymmetric - short N /
Side Post Top mounting / Flat Glass**



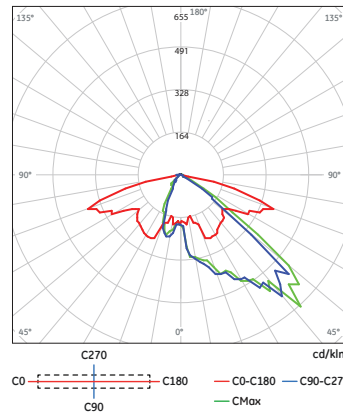
**Narrow asymmetric w/ backlight
- short P /
Side Post Top mounting / Flat Glass**



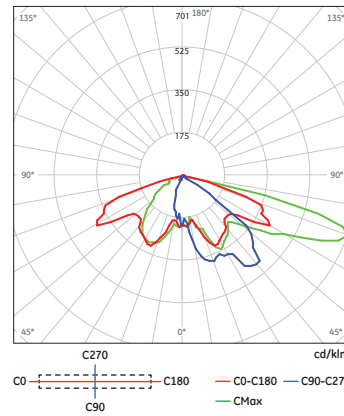
**Asymmetric - short T /
Side Post Top mounting / Flat Glass**



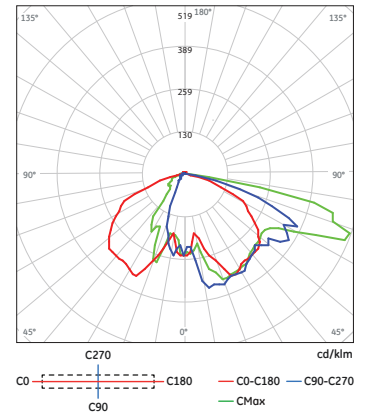
**Narrow asymmetric - medium B /
Decorative Arm mounting / Flat Glass**



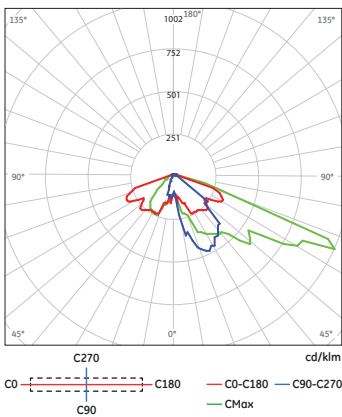
**Asymmetric - short C /
Decorative Arm mounting / Flat Glass**



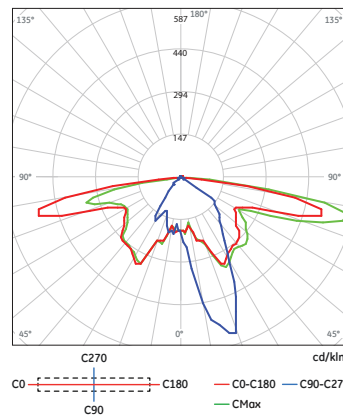
**Asymmetric - medium E /
Decorative Arm mounting / Flat Glass**



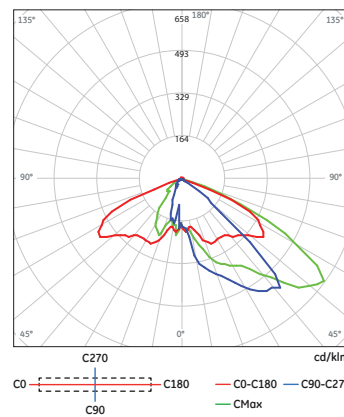
**Forward asymmetric - medium F /
Decorative Arm mounting / Flat Glass**



**Narrow asymmetric - short N /
Decorative Arm mounting / Flat Glass**



**Narrow asymmetric w/ backlight
- short P /
Decorative Arm mounting / Flat Glass**



**Asymmetric - short T /
Decorative Arm mounting / Flat Glass**

Order logic

Okapi LED	Gen.	Front Glass	Optics	Power [W]	CCT [K]	Control	Accessories	IEC protection classes	Precabling ²	Arm type	Color ³
OK L	2	F Flat Glass	B - B1 C - CX E - E1 N - NX T - TX F - F1 P - PX	15 20 30 43 55	30 3000K 40 4000K 50 5000K	N No Control D Dali C Clock Dimming A 1-10V analog	ST Standard type SP 10kV surge voltage protection F Fuse ¹	C1 C2	N No Cabeling Pxx Pre cabling	N60 Decorative arm, 48-60mm P60 Post top, 48-60mm P76 Post top 76mm P76 Side mount 48-60mm	XX R....

Example: OK L/2/F/B/30/D/ST/C2/N/N60/R9007

¹ Only with IEC Class I

² In case of precabling, please sign the lenght of the precabbling

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