

Alpha[®]
—Lighting

Your way of savings in the future



ALPHA LED STREET
STREET LIGHTING





Street lighting



Product series:

ALPHA LED STREET
30 W, 40 W, 50 W,
60 W, 70 W, 80 W, 90 W

Application: Over land communications, pedestrian crossings, roundabouts, industry



ALPHA LED STREET is a LED luminaire of Czech production for road lighting. The combination of unbeatable price, elegant design with excellent lighting technical parameters and many possibilities of optics and power choice.

With its highly visual character, the luminaire will be suitable for almost any architectural road lighting solution. Compact design for fast and low-cost street discharge lighting replacement.

ADVANTAGES:

- 5-year guarantee & 5-year guarantee of replacement parts availability.
- Made in Czech Republic.
- Luminous efficacy up to 155 lm/ W.
- 60 000 hours/ L80 lifetime according to IES LM80 (100 000/L70).
- **Excellent energy profit with a significant 30% - 40% saving added value with REVERBERI voltage regulation system and voltage stabilization.**
- Mechanically resistant luminaire construction IK10 with IP 66 cover.
- Variable optical complementary system for both public and surface lighting.



TECHNICAL ADVANTAGES:

- Optimal time for investment return.
- Excellent prolongation of the LED driver lifetime and significant reduction of operational costs using REVERBERI voltage stabilization.
- Dimmable LED driver with individual continuous regulation or central voltage regulator.
- Dimmable LED driver with astro clock enabling individual time switching of the luminaire including night-time regulation according to the set program.
- The CLO function (CONSTANT LIGHT OUTPUT) compensates for the decrease of the luminaire luminous flux and prevents excess input power of electrical energy.
- Modular construction allows simple and quick repair in the event of a fault.
- Short circuit, thermal protection and active harmonic filter.
- OSRAM, HELVAR electronic ballast, SAMSUNG LED chips with optics.

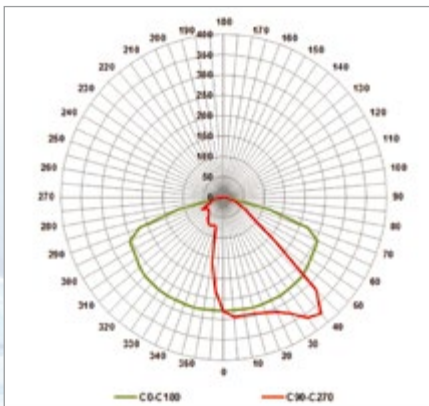
BASIC TECHNICAL PARAMETERS:

Type	Total power input of the luminaire (W)	Luminous flux of the luminaire (lm)	Luminous efficacy of the luminaire (lm/W)	Luminous flux of the light source (lm)	Luminous efficacy of the light source (lm/W)	Efficiency (%)
ALPHA LED STREET 30	30	4 000	133	4 650	155	86
ALPHA LED STREET 40	40	5 000	125	5 800	145	86
ALPHA LED STREET 50	50	5 800	116	6 800	136	86
ALPHA LED STREET 60	60	7 200	120	8 400	140	86
ALPHA LED STREET 70	70	8 100	116	9 450	135	86
ALPHA LED STREET 80	80	9 100	114	10 600	133	86
ALPHA LED STREET 90	90	9 600	107	11 200	124	86

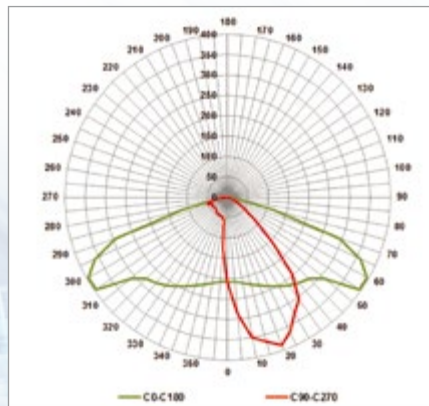
* The performance of the optical system may vary depending on the luminous radiation curve.

* CCT 3000/ 5000K can be delivered upon request.

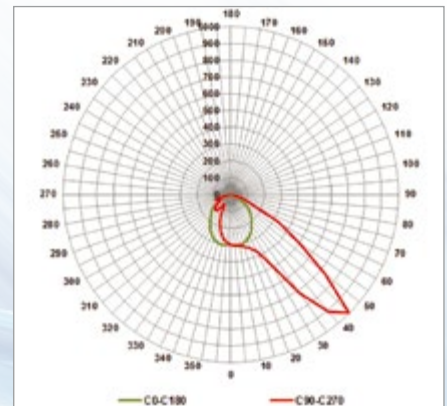
ALPHA LED STREET LUMINANCE CURVES:



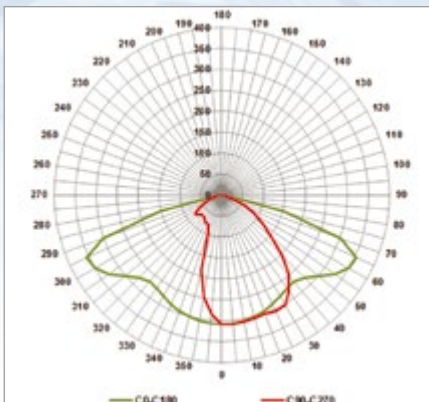
Luminance curve G



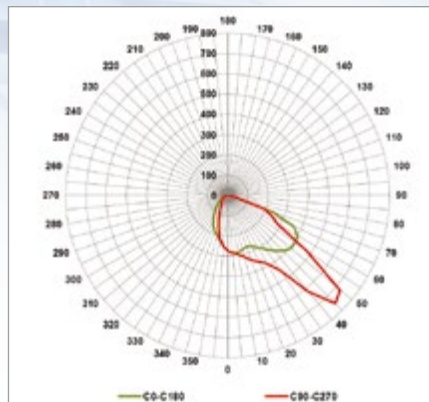
Luminance curve H



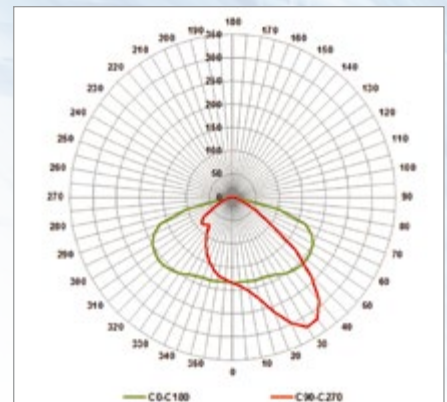
Luminance curve I



Luminance curve O

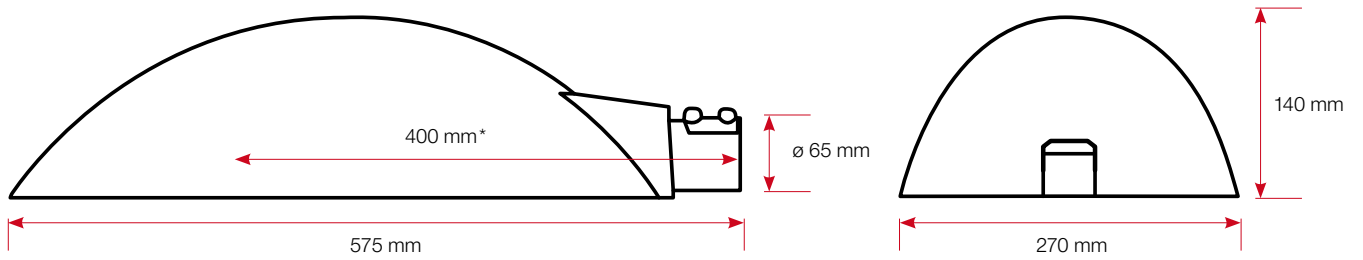


Luminance curve U



Luminance curve W

DIMENSIONS:



* distance from the center of the illuminating surface of the luminaire

LUMINAIRE DETAILS:



Variable optical complementary system with a wide range of luminance curve options. Maintenance-free tempered safety optical glass. Easy access to luminaire components.

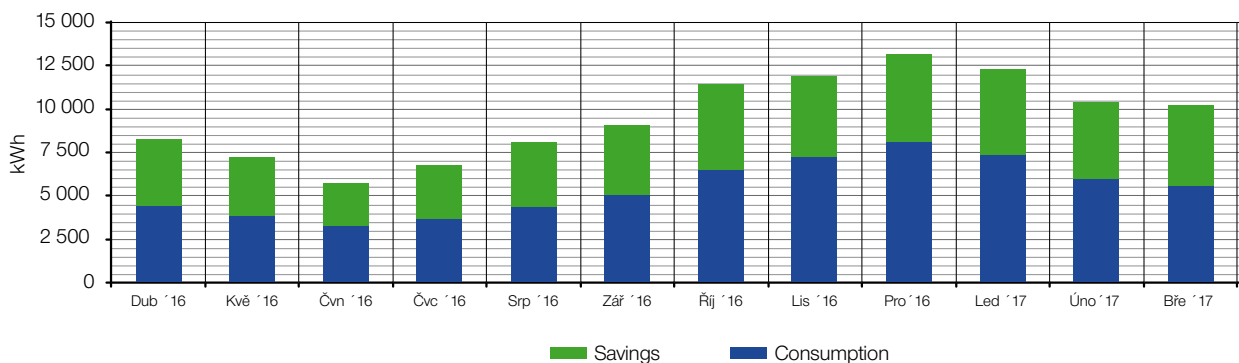


Simple and fast installation on road lighting column or a 40 - 60mm diameter boom. Mechanical adjustability of luminaire inclination within the range of $0^\circ \pm 15^\circ / 90^\circ \pm 15^\circ$.



Elegant design, maintenance-free, high-quality mechanically resistant construction made from extruded aluminium. Suitable for the most demanding weather conditions. Light grey colour RAL 7035

Monthly consumption and energy savings graph in a system with LED luminaire voltage regulation





Výrobce – dodavatel
Manufacturer – Supplier:
AlphaLighting CZ s.r.o.
Nám. T. G. Masaryka 1280, 760 01 Zlín
Česká republika/Czech Republic
Tel./Phone: +420 777 774 749
+420 777 774 750
Email: info@alphalighting.cz
www.alphalighting-led.com

Generální obchodní zastoupení
Business Representation Directorate:
AlphaLighting Trade s.r.o.
Ivánska cesta 30/B, 821 04 Bratislava
Slovenská republika/Slovak Republic
Tel./Phone: +421 915 234 531
+420 773 248 774
Email: info@alphalighting-led.com
www.alphalighting-led.com