



DATA SHEET

ALix



Product information

The ALix LED outdoor luminaire delivers outstanding features, style and attractive form factor. This latest design offers excellent efficacy even at higher lumen outputs to meet a wide range of area lighting needs. Using reflective optic technology, GE offers superior horizontal and vertical illuminance with high uniformity, while minimizing glare as fixture lumens increase. This system delivers unusually low perceived glare when viewed from beneath the fixture near nadir. The ALix provides reduced energy consumption, combined with a long rated life that virtually eliminates ongoing maintenance expenses, enabling significant operating cost benefits over the life of each fixture.

Application areas

- Car parks
- Shopping centres
- Pedestrian crossings
- Industrial & logistical areas

Structures and materials

Housing material: die cast aluminium

Optical material: highly reflective aluminium coated plastic

Optical cover: tempered glass

Default colour: RAL9007

Performance*

Luminous flux: from 3200 to 16 200 lm

Luminaire efficacy:

- Up to 122 lm/W at 4000K (neutral white)
- Up to 125 lm/W at 5000K (cool white)

Projected lumen maintenance: L80 > 100 000 hours

Rated median useful life and the associated rated LM factor L90 (6K)*: >36 000 hours

Rated abrupt failure value*: 6.1%

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

Optics

Wide range of asymmetrical and symmetrical photometric distributions available optimized for area lighting, flood lighting, and low-traffic roadways.

Colour rendering index: >70

Available colour temperatures: 4000K and 5000K
ULOR = 0% if mounted horizontally

Electrical

Dimming: DALI

Input voltage and frequency: 220-240 V, 50-60 Hz
Class I and Class II available

Surge protection: 8 kV option available

Input power (rated): 32 W to 140 W



GE imagination at work

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Installation and maintenance

Mounting options: 60 mm arm-mount or adjustable stirrup

Weight: 9 kg, depending on options

Recommended mounting height: 8-15 m

Tool-less driver maintenance

Ambient temperature from -40°C to +50°C

Storage temperature up to 80°C

Standards and regulations

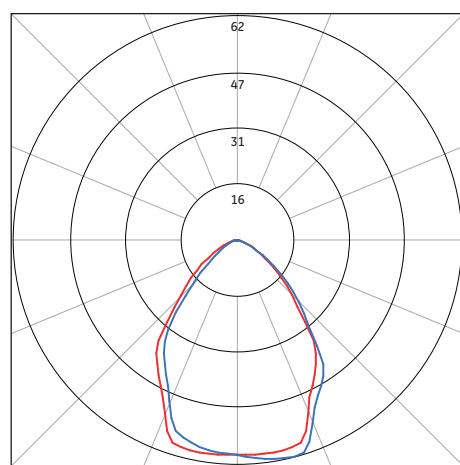
CE, ENEC, Directive 2004/108/EC, 2006/95/EC, 2009/125/EC, 1194/2012/EU, 2011/65/EC, EN 60598, EN 62471, EN 55015, EN 61000, EN 62493, EN 61547

Other options available

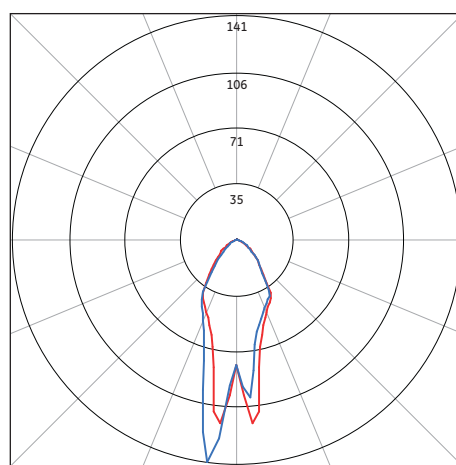
Passive infrared motion sensor

Other RAL colours available on request

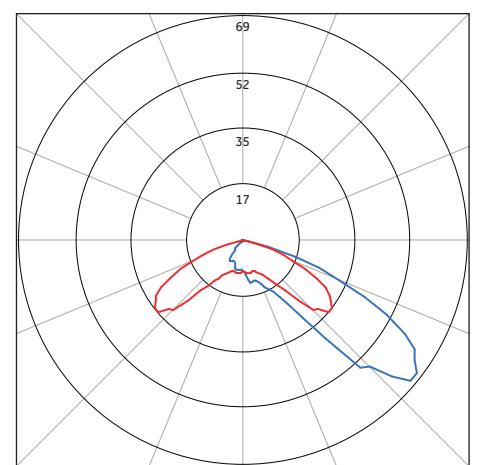
Typical photometrical features



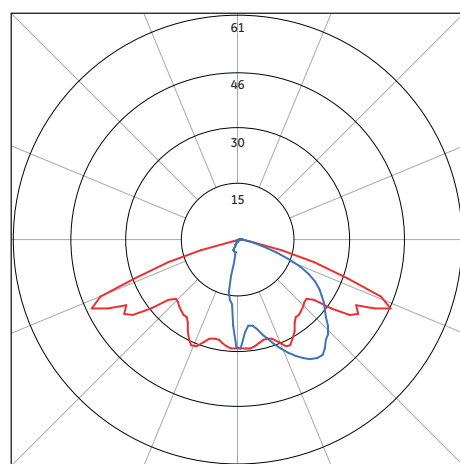
Symmetric Wide Flood



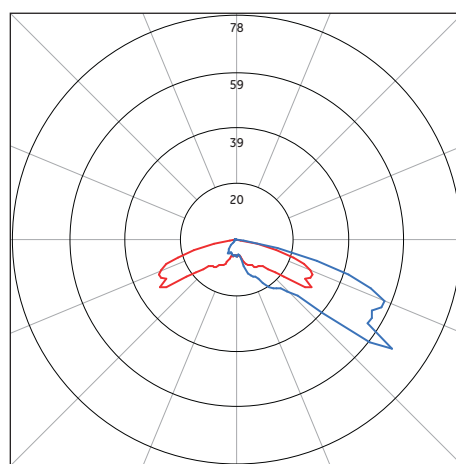
Symmetric Narrow Spot



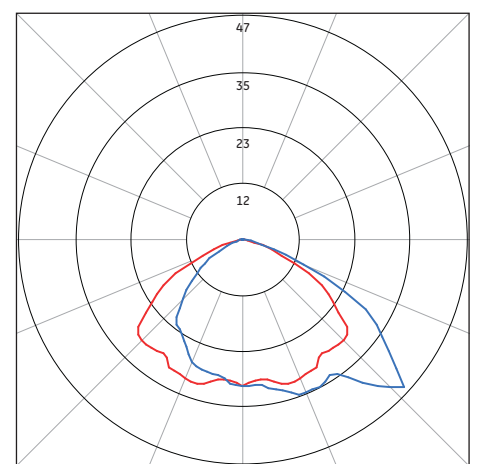
Asymmetric Wide



Asymmetric Narrow



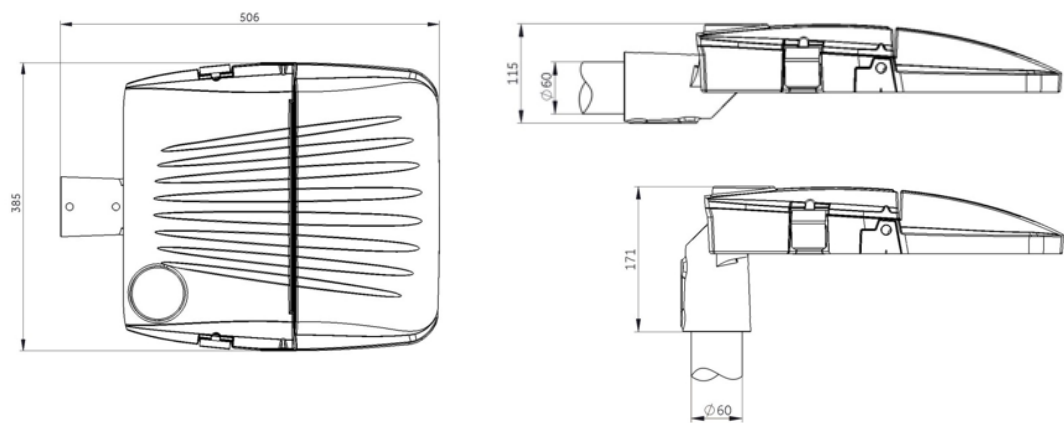
Asymmetric Forward



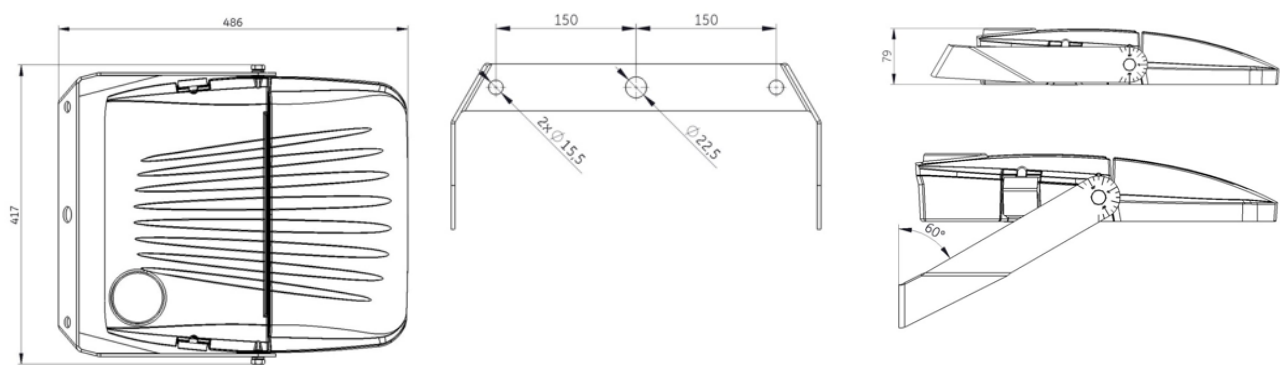
Asymmetric Extra Wide Flood

Dimensions

With coupler



With bracket



Order logic

ALIX LED	Generation	Front Glass	Optics	Nominal Power (W)	CCT [K]	Control	Accessories	IEC Protection Classes	Precabling	Mounting	Color
ALIX	1	F – Flat Glass	AF Asymmetric Forward	32 50 70 100 140	4 4000K 5 5000K	N No control D DALI external M Motion Sensor*	ST 4kV surge protection SP Enhanced surge protection**	1 Class I 2 Class II*	N No precabling PXX Precabling with XX meters	C 60mm coupler B Bracket	R9007
			AW Asymmetric Wide								
			AN Asymmetric Narrow								
			AEF Asymmetric Extra Wide Flood								
			SWF Symmetrical Wide Flood								
			SNS Symmetrical Narrow Spot								

Example: ALIX/1/F/AEF/140/4/D/ST/1/P10/C

*Class II option not available with (MS) - Motion Sensor control option
**8kV surge protection with Class I option and 6kV surge protection with Class II option