



# 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



## Structures and materials

**Housing material:** Die cast aluminium

**Optical material:** Highly reflective aluminium coated plastic

**Optical cover:** Tempered glass

**Default colour:** RAL9007

## 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

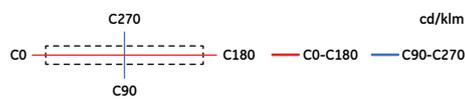
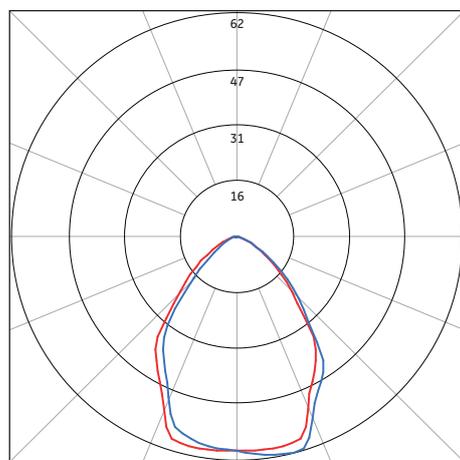
CE, ENEC, Directive 2004/108/EC, 2006/95/EC, 2009/125/EC, 1194/2012/EU, 2011/65/EC, EN 60598, EN 62471, EN 55015, EN 61000, EN 62493, EN 61547

## Other options available

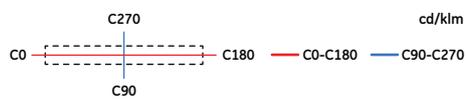
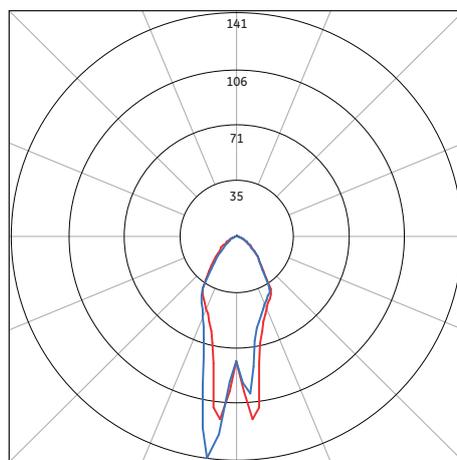
Passive infrared motion sensor

Other RAL colours available on request

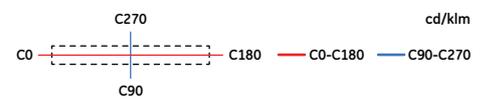
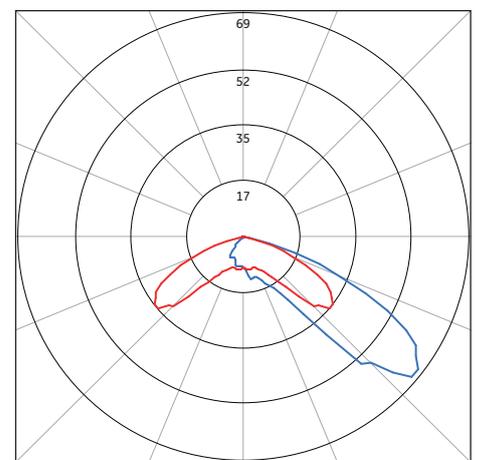
## Typical photometrical features



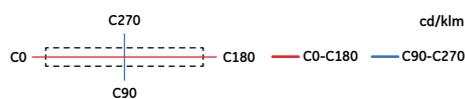
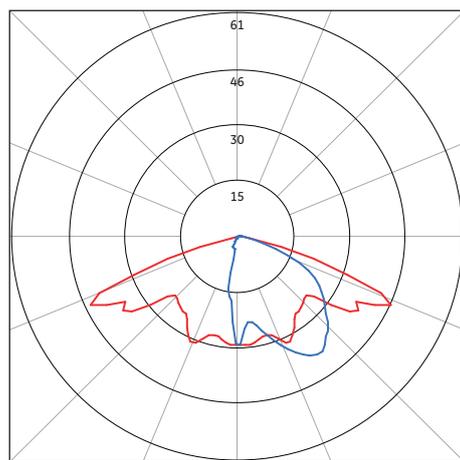
Symmetric Wide Flood



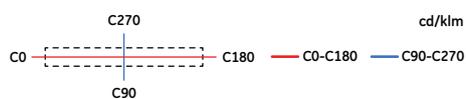
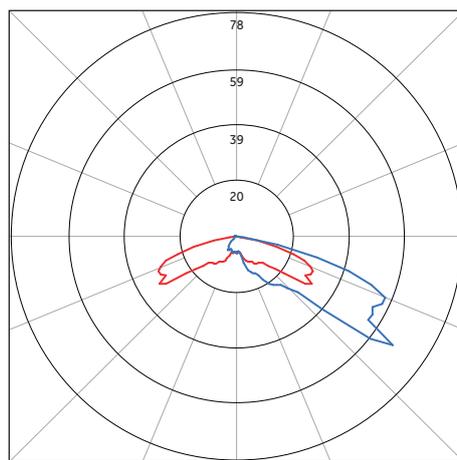
Symmetric Narrow Spot



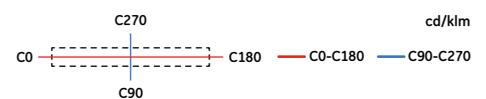
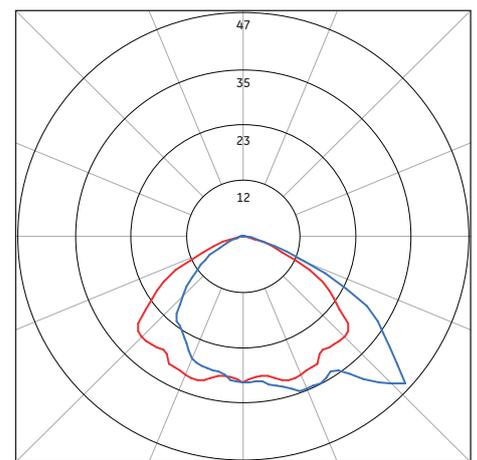
Asymmetric Wide



Asymmetric Narrow



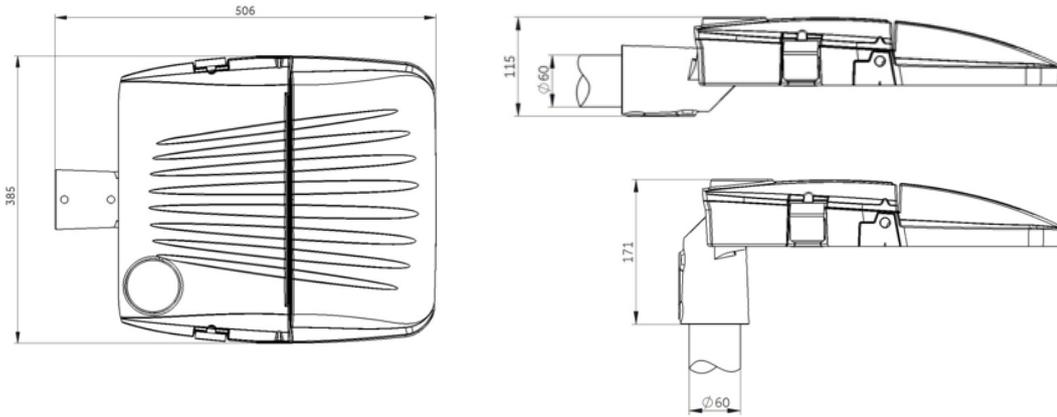
Asymmetric Forward



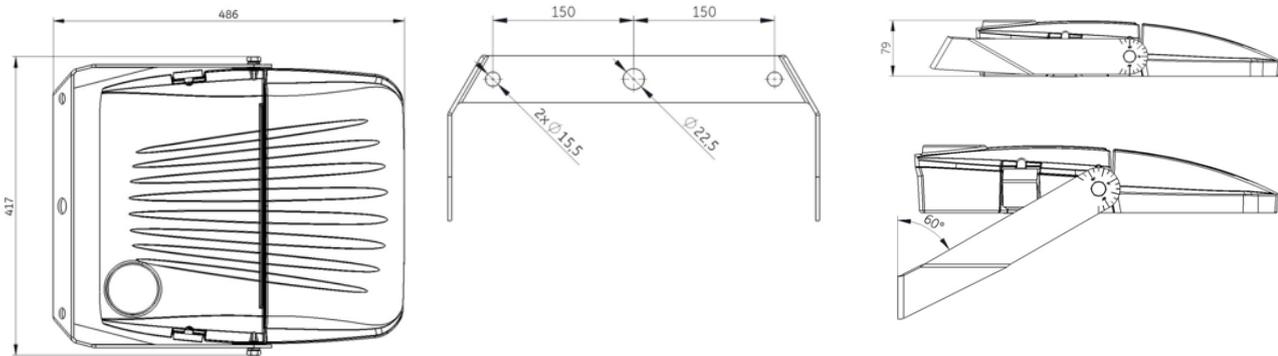
Asymmetric Extra Wide Flood

## 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	4	N No control	ST 4kV surge protection	1 Class I	N No precabling	C 60mm coupler	R9007
			AW Asymmetric Wide								
			AN Asymmetric Narrow								
			AEF Asymmetric Extra Wide Flood								
			SWF Symmetrical Wide Flood								
			SNS Symmetrical Narrow Spot								
50	4000K	D DALI external	SP Enhanced surge protection**	2 Class II*	PXX Precabling with XX meters	B Bracket					
70	5000K	M Motion Sensor*									
100											
140											

### 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