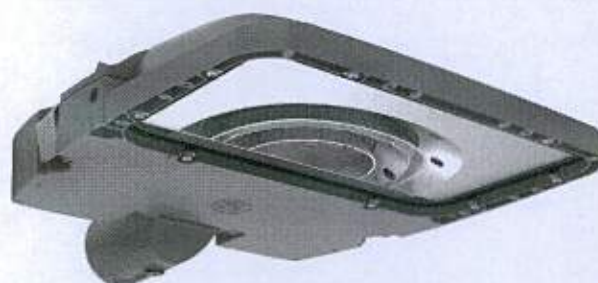
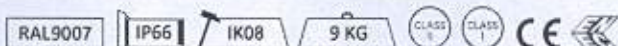


ALix



DATA SHEET



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 132 lm/w at 3000K (warm white)
- Up to 135 lm/w at 4000K (neutral white)
- Up to 141 lm/w at 5000K (cold 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*: 2.469%

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: 3000K, 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: 8/10 kV option available

Input power (nominal): 32 W to 140 W



GE imagination at work

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

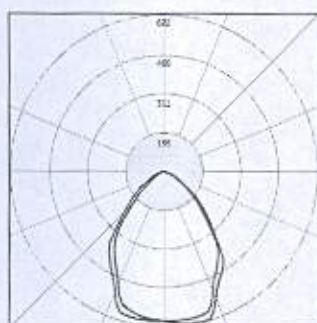
CE, ENEC, Directive 2004/108/EC, 2006/95/EC, 2009/125/EC, 1194/2012/EU, 2011/65/EC, EN 60598, EN 62471, EN 55015, EN 61000, EN 62493, EN 61547

Other options available

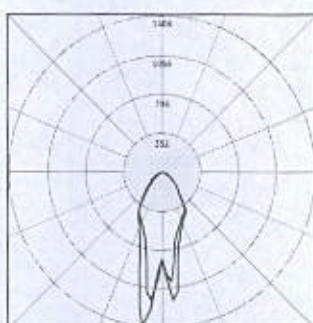
Passive infrared motion sensor

Other RAL colours available on request

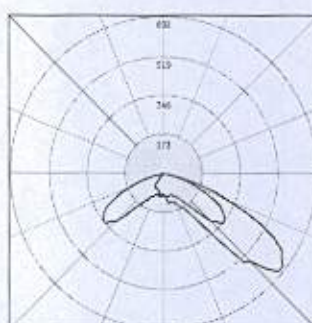
Typical photometrical features



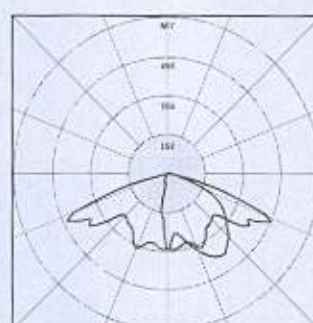
Symmetric Wide Flood



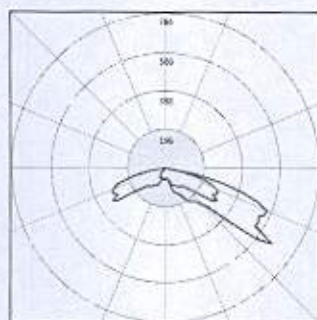
Symmetric Narrow Spot



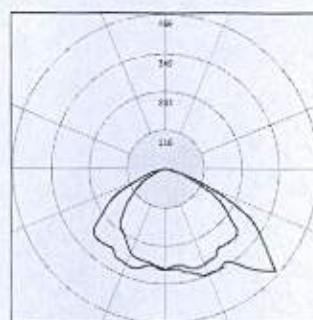
Asymmetric Wide



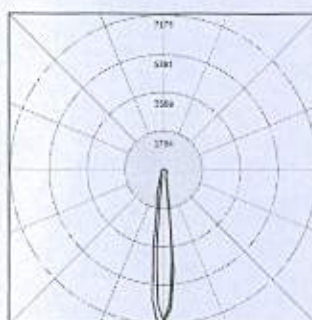
Asymmetric Narrow



Asymmetric Forward



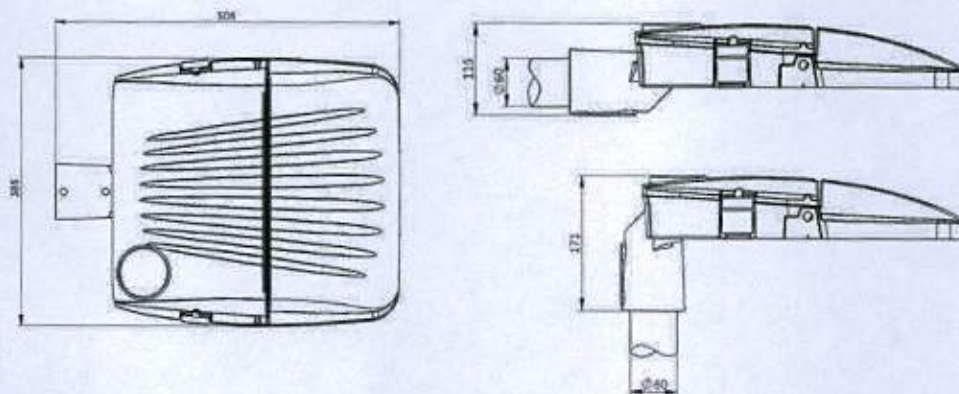
Asymmetric Extra Wide Flood



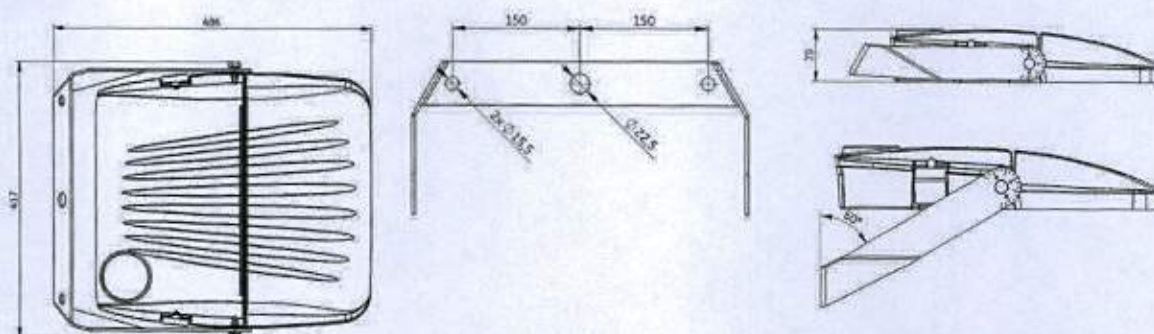
Asymmetric Forward Throw Flood

Dimensions

With coupler



With bracket



Order logic

ALIX LED	Generation	Front Glass	Optics	Nominal Power (W)	CCT (K)	Control	Accessories	IEC Protection Classes	Precabing	Mounting	Color	
ALIX	2	F – Flat Glass	AF Asymmetric Forward	32	3	N No control	ST 4kW surge protection	1 Class I	N No precabing	C 50mm coupler	R9007 R####	
			AW Asymmetric Wide									
			AN Asymmetric Narrow	50	4	D DALI external	SP Enhanced surge protection**	2 Class II*	PXX Precabing with XX meters	B Bracket		
			AEF Asymmetric Extra Wide Flood	70	4							
			AFN*** Asymmetric Forward Throw Narrow	100	5	M Motion Sensor*						
			SWF Symmetrical Wide Flood	140	5							
			SNS Symmetrical Narrow Spot									

Example: ALIX/2/F/AEF/140/4/D/ST/1/P10/C/R9005

*Class II option not available with IMSI - Motion Sensor control option

** Class I 140W: 10kV, Class I <=100W: 8kV, Class II 6kV Enhanced Surge Voltage Protection

*** AFN optic is only available with power levels 100 W & 140 W

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ALIX Data Sheet - April 2015