

INDU FLOOD GEN2 3

6549

Optic	6549
Protector	Flat, Glass Extra Clear, Smooth
Source	288 Lumileds LUXEON 5050
Matrix	449992



Characteristics

							
653	521	90	16.7	IP 66	IK 09	I EU	0.297
Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Tightness level*	Impact resistance*	Electrical class*	CxS (m ²)

* According to IEC-EN60598 and IEC-EN62262

Features

Efficiency and versatility for indoor and outdoor area lighting

- High efficiency with low operating costs
- 3 sizes and multiple light distributions to replace discharge lamps from 50 to 800W
- One design for aesthetic consistency in multi-purpose applications
- High energy savings compared to systems with traditional discharge lamps
- Dimmable for even more energy savings
- Light-on-demand feature with optional motion sensor
- Range of light distributions to ensure the right light
- Fast ROI thanks to long life span and reduced maintenance

Types of application

- Sports lighting
- Large area
- Industrial hall
- Flood lighting

Information for 1000 lm matrix

Efficacy (%)	79.9	G Class (EN 13201-2)	G6	I 70-80-90-95 (cd)	251 - 16 - X - X
DLOR (%)	79.9	G* (EN 13201 2015)	G*6	CIE flux code N 1→5 (%)	33.6 - 73.5 - 98.6 - 100.0 - 79.9
ULOR (%)	0.0	Imax (cd)	403	Gradient 90°	52cd
ULR (%)	0.0	Aperture 0-180°	X - X	Gradient 270°	7cd
Incl ULR 4%	-32/26°	Aperture 90-270°	23 - X		

Photometrical characteristics

LED count	Colour code	Current (mA)	Luminaire power (W)	Source flux (lm)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Peak (cd)	BUG Rating	Voltage (V)
Ambient temp = 25°									
288	NW 740	55	375	69610	55642	148	28034	B4 U0 G4	230
288	WW 730	55	375	67363	53846	144	27130	B4 U0 G4	230

Tolerance on flux +- 7% - Tolerance on power +- 5%

Summary

CONCEPT

Efficiency and versatility for indoor and outdoor area lighting

With multiple combinations of lumen packages and light distributions, the INDU FLOOD GEN2 is the ideal tool to provide an efficient multi-purpose lighting solution in industrial environments. Available in 3 sizes, this compact luminaire perfectly integrates environments to provide the exact lighting requirements of the space to be lit. Delivered with a mounting bracket, it can be adjusted on-site for a precise optical control. It is perfect for replacing fixtures with discharge lamps from 50-800W. It provides a bright white light for excellent visibility and better colour perception, delivering value beyond energy savings. Its robust design, with a high IP rating, guarantees performance for many years to come even in the harshest conditions.

The INDU FLOOD GEN2 range combines the energy efficiency of LED technology with photometric versatility. These floodlights are made of painted die-cast aluminium. The protector in glass is sealed onto the front cover. Mounting by means of a fork enables the inclination to be adjusted precisely on-site. Four models for all applications:

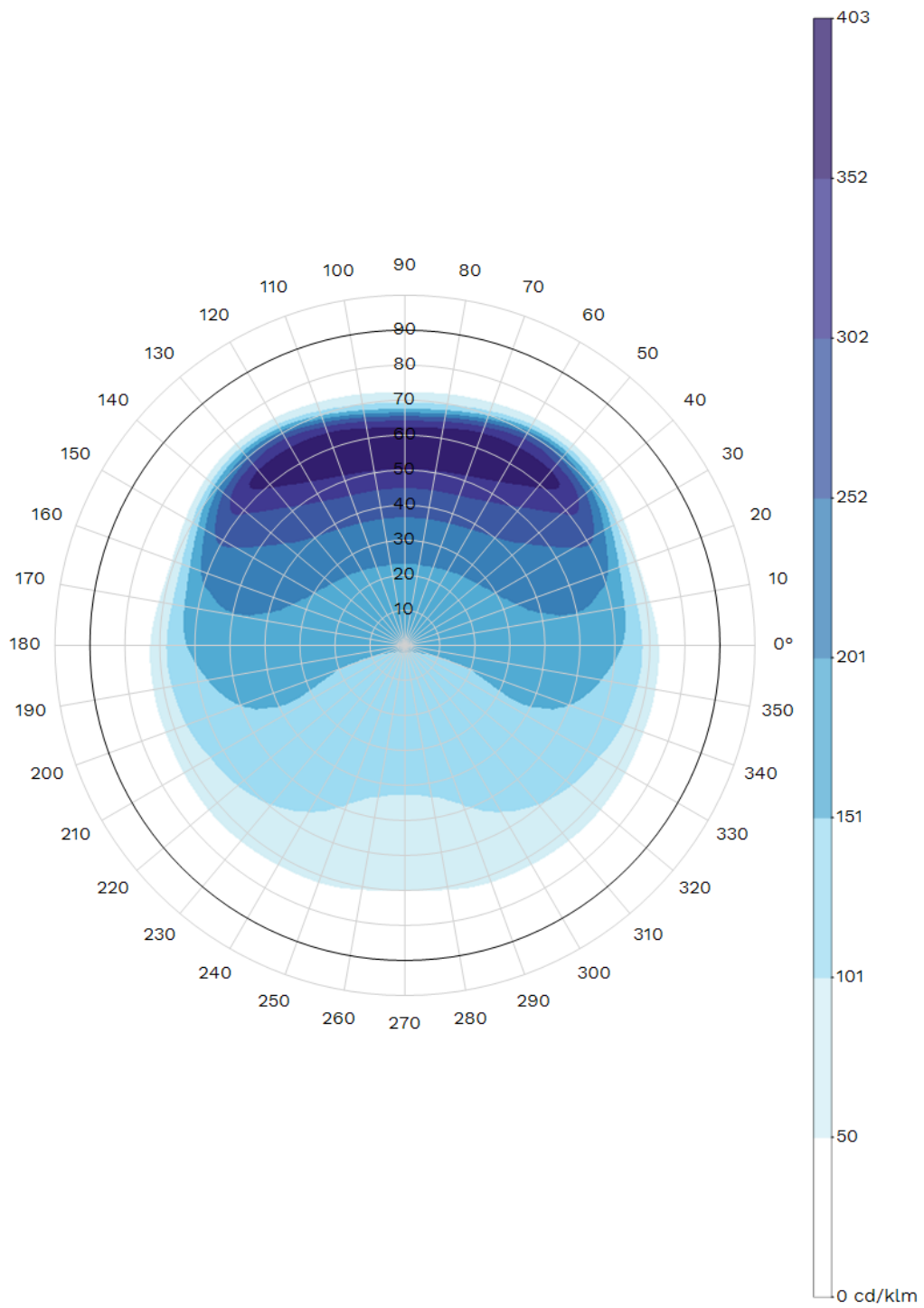
- INDU FLOOD GEN2 1 with 5 or 10.000 lumens
- INDU FLOOD GEN2 1 with 20.000 or 30.000 lumens
- INDU FLOOD GEN2 3 with 40.000, 50.000 or 60.000 lumens

Applications: Flood lighting, Industrial hall, Large area, Sports lighting

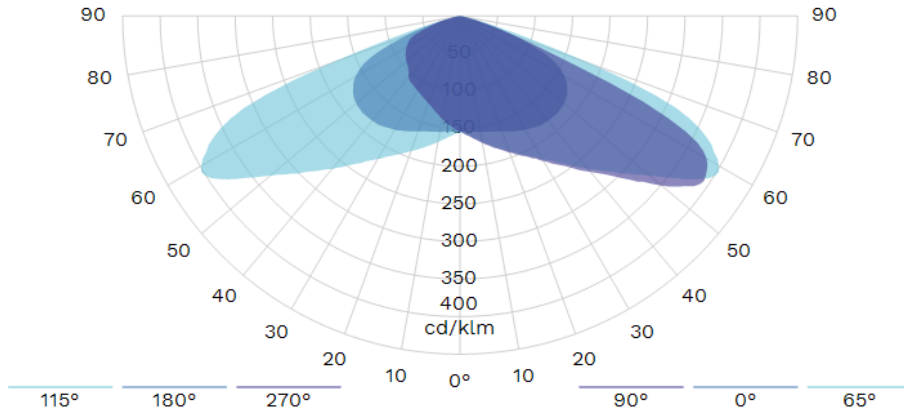
Recommended height installation: between 3.00 and 16.00

Painting: Polyester powder coating

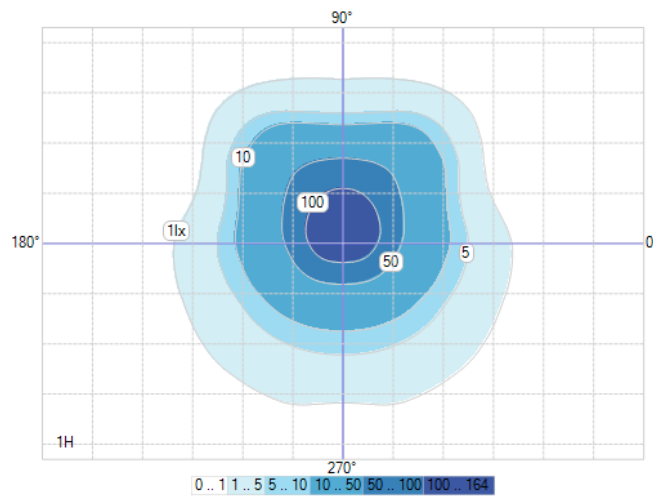
Colour: AKZO900GS-type



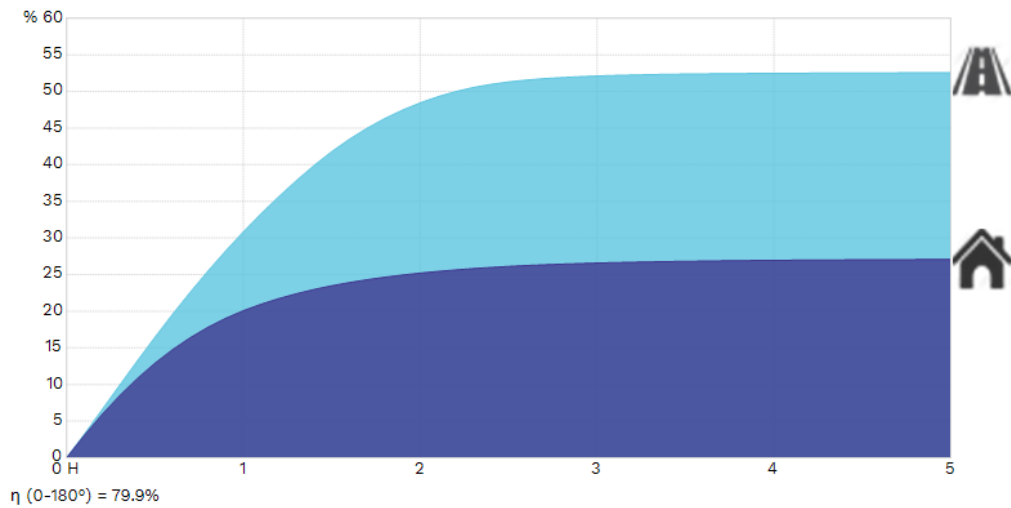
Polar/Cartesian diagram



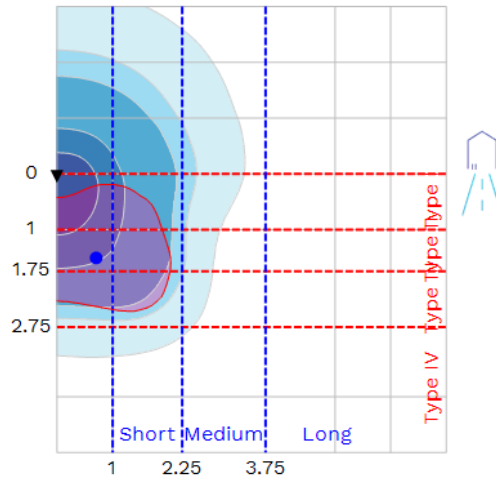
Isolux



K-Curve

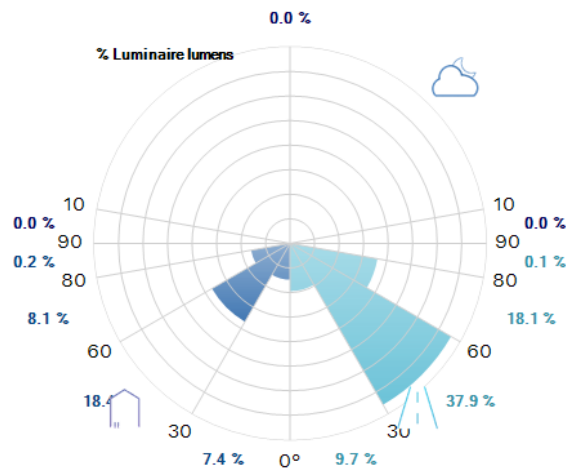


IES Roadway Classification / Nema Classification

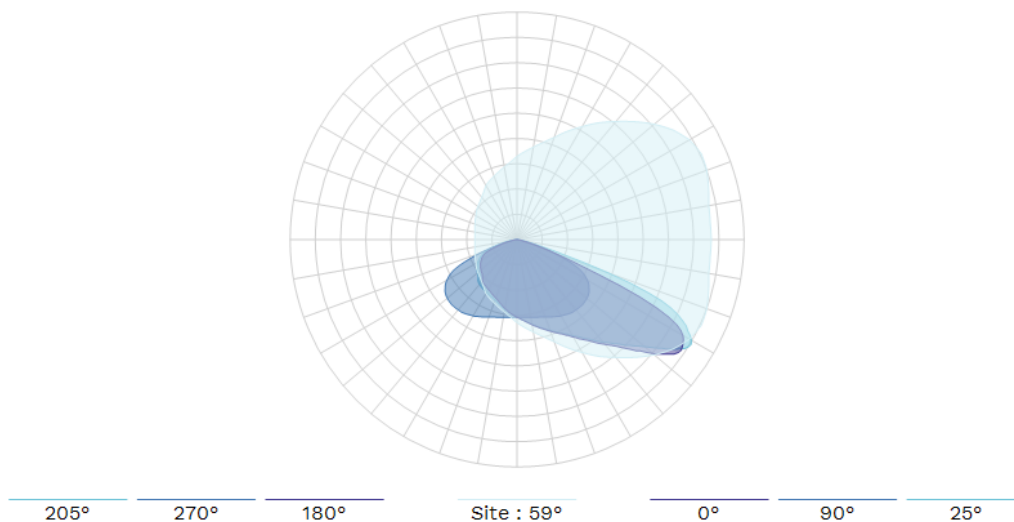


III - VeryShort

Luminaire classification system (LCS)



Intensity diagram in max Cone and in CPlane



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