

# INDU FLOOD



## Efficiency and versatility for indoor and outdoor area lighting

With multiple combinations of lumen packages and light distributions, the INDU FLOOD is the ideal tool to provide an efficient multi-purpose lighting solution in industrial environments.

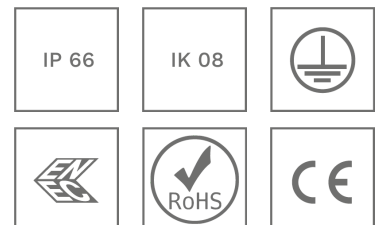
Available in 3 sizes, this compact luminaire perfectly integrates environments to provide the exact lighting requirements for the space to be lit.

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 to 400W.

It provides a bright white light for excellent visibility and 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.



CAR PARKS



LARGE AREAS



INDUSTRIAL  
HALLS &  
WAREHOUSES



SPORT  
FACILITIES

## Concept

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

INDU FLOOD 1 with 24 LEDs

INDU FLOOD 2 with 48 LEDs

INDU FLOOD 3 with 88 LEDs

INDU FLOOD 4 with 96 LEDs

The four models of the INDU FLOOD range make it perfect for various typical industrial lighting applications: loading bays, storage areas, security checkpoints, stairs, car and lorry parks, access roads and paths. The INDU FLOOD luminaires can be used indoor and outdoor, with direct or indirect lighting. They can be controlled via a DALI or 1-10V interface.



The cooling fins ensure a perfect thermal management, allowing the INDU FLOOD to operate in hot conditions.



Easy integration with building management systems (DALI or 1-10V protocol).

## Types of application

- CAR PARKS
- LARGE AREAS
- INDUSTRIAL HALLS & WAREHOUSES
- SPORT FACILITIES

## Key advantages

- High efficiency with low operating costs
- 3 sizes and multiple light distributions to replace discharge lamps from 50 to 400W
- 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
- Range of light distributions to ensure the right light
- Long life span thanks to robust design



Four models are available to offer the best solution for all applications.



The universal U-bracket includes a graduation system for precise on-site settings.

## GENERAL INFORMATION

Recommended installation height	4m to 12m   13' to 39'
Driver included	Yes
CE Mark	Yes
ENEC certified	Yes
ROHS compliant	Yes
Testing standard	LM 79-08 (all measurements in ISO17025 accredited laboratory)

## HOUSING AND FINISH

Housing	Aluminium
Optic	Polycarbonate
Protector	Tempered glass
Housing finish	Polyester powder coating
Standard colour(s)	RAL 7040 window grey
Tightness level	IP 66
Impact resistance	IK 08

## OPERATING CONDITIONS

Operating temperature range (Ta)	-40 °C up to +50 °C / -40 ° F up to 122 °F
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*· Depending on the luminaire configuration. For more details, please contact us.*

## ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	220-240V – 50-60Hz
Power factor (at full load)	0.95
Surge protection options (kV)	4 6 10
Electromagnetic compatibility (EMC)	EN 55015:2013/A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
Control protocol(s)	1-10V, DALI

## OPTICAL INFORMATION

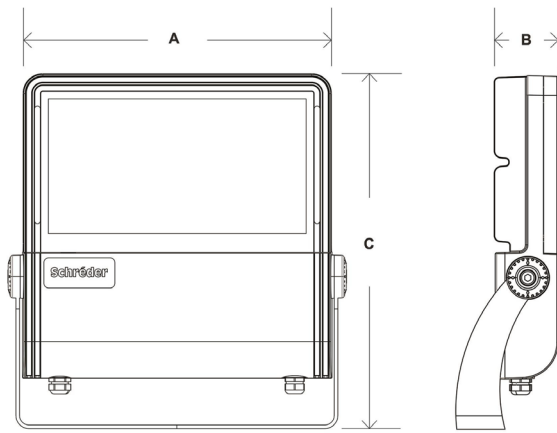
LED colour temperature	3000K (Warm White) 4000K (Neutral White) 6500K (Cool White)
Colour rendering index (CRI)	>70 (Warm White) >70 (Neutral White) >70 (Cool White)
Upward Light Output Ratio (ULOR)	0%

## LIFETIME OF THE LEDS @ TQ 25°C

All configurations	55,000h - L90 110,000h - L80
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## DIMENSIONS AND MOUNTING

AxBxC (mm   inch)	INDU FLOOD 1 - 255x53x251   10.0x2.1x9.9 INDU FLOOD 2 - 278x52x351   10.9x2.0x13.8 INDU FLOOD 3 - 382x60x356   15.0x2.4x14.0 INDU FLOOD 4 - 382x60x356   15.0x2.4x14.0
Weight (kg   lbs)	INDU FLOOD 1 - 3.4   7.5 INDU FLOOD 2 - 4.8   10.6 INDU FLOOD 3 - 7.2   15.8 INDU FLOOD 4 - 7.3   16.1
Mounting possibilities	Bracket enabling adjustable inclination

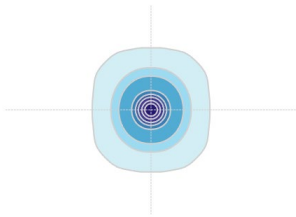
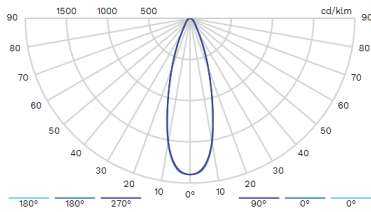




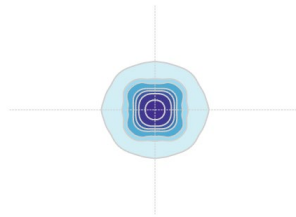
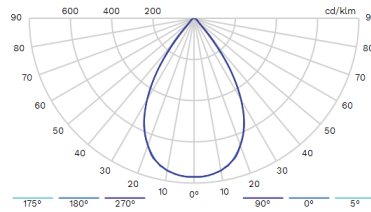
Luminaire	Number of LEDs	Current (mA)	Luminaire output flux (lm) Cool White 765		Luminaire output flux (lm) Neutral White 740		Luminaire output flux (lm) Warm White 730		Power consumption (W)	Luminaire efficacy (lm/W)
			Min	Max	Min	Max	Min	Max		
INDU FLOOD 1	24	60	5200	5600	5300	5700	4900	5300	36	Up to 158
INDU FLOOD 2	48	58	10000	10800	10300	11100	9400	10200	70	159
INDU FLOOD 3	88	60	18900	20400	19300	20800	18100	19600	130	160
INDU FLOOD 4	96	87	29400	31800	30200	32600	28300	30600	205	159

Tolerance on LED flux is  $\pm 7\%$  and on total luminaire power  $\pm 5\%$

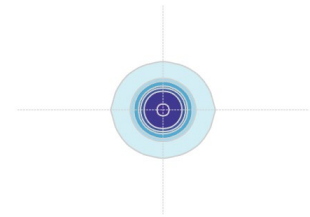
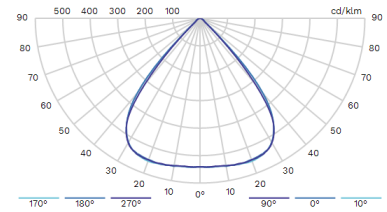
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