

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.

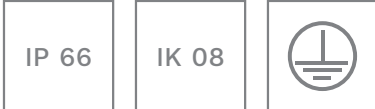
Available in 3 sizes, this compact luminaire perfectly integrates environments to provide the exact lighting requirements of the space to be lit.

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 50-400W.

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.



INDUSTRIAL HALLS & WAREHOUSES



LARGE AREAS



SPORT AREAS



CAR PARKS

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.

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: security check-points, stairs, car and lorry parks, access roads, paths, loading bays and storage areas.

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 in building management systems (DALI or 1-10V protocol).

Types of application

- Industrial halls & warehouses
- Large areas
- Sport areas
- Car parks

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 any application.



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

GENERAL INFORMATION

Recommended installation height	4m to 12m 13' to 40'
Driver included	Yes
CE mark	Yes
ENEC certified	Yes
ROHS compliant	Yes
Testing standard	LM 79-80 (all measurements in ISO17025 accredited laboratory)

HOUSING AND FINISH

Housing	Die-cast aluminium
Optic	Polycarbonate
Protector	Glass
Housing finish	Polyester powder coating
Colour	RAL 7040 window grey
Tightness level	IP 66
Impact resistance	IK 08

DIMENSIONS AND MOUNTING

AxB (mm inch)	INDU FLOOD 1 – 255x251 10x9.9
	INDU FLOOD 2 – 278x351 11x13.8
	INDU FLOOD 3 & 4 – 382x356 15x14
Weight (kg lbs)	INDU FLOOD 1 – 3.4 7.5
	INDU FLOOD 2 – 4.8 10.6
	INDU FLOOD 3 & 4 – 7.3 16
Aerodynamic resistance (CxS)	INDU FLOOD 1 – 0.064
	INDU FLOOD 2 – 0.097
	INDU FLOOD 3 & 4 – 0.136
Standard mounting	Universal U bracket

ELECTRICAL INFORMATION

Electrical class	EU class I
Nominal voltage	220-240V – 50-60Hz
Power factor	> 95% at full load
Surge protection	4/6kV (standard) 10kV (optional)
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 options	No control (ON/OFF), DALI or 1-10V

OPTICAL INFORMATION

LED colour temperature	3000K (Warm white)
	4000K (Neutral white)
	5000K (Cool white)
Colour rendering index (CRI)	> 70
Upward Light Output Ratio (ULOR)	0%

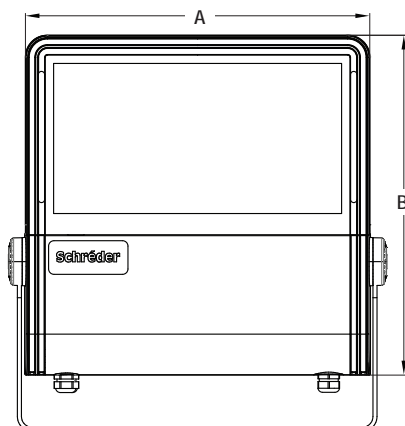
OPERATING CONDITIONS

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

LIFETIME OF THE LEDS @ TQ 25°C

For all versions	55,000h – L90B10
	110,000h – L80B10

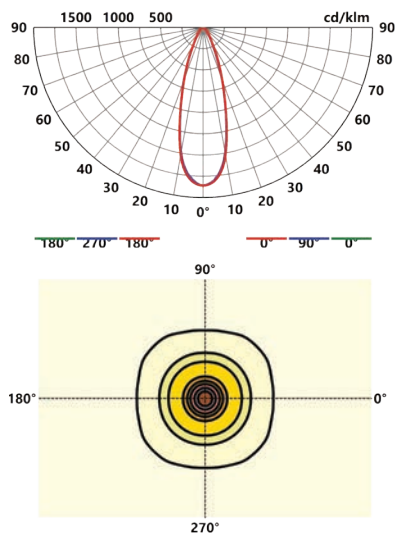




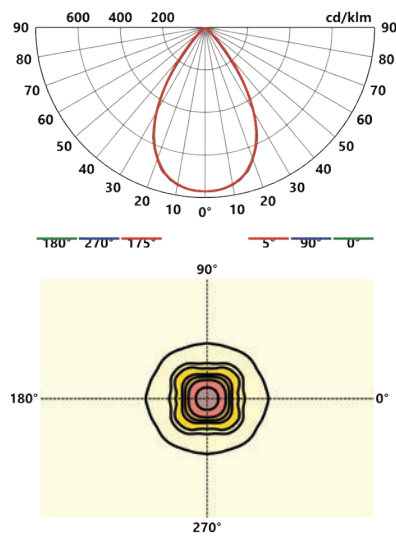
Luminaire	Number of LEDs	Current (mA)	Luminaire output flux (lm) Warm White (3000K) - CRI 70		Luminaire output flux (lm) Neutral White (4000K) - CRI 70		Luminaire output flux (lm) Cool White (5000K) - CRI 70		Power consumption (W)	Luminaire efficacy (lm/W)	Photometry
			Min	Max	Min	Max	Min	Max			
INDU FLOOD 1	24	720	4900	5300	5300	5700	5200	5600	36	Up to 160	6486 6487 6488 6489
INDU FLOOD 2	48	700	9400	10200	10300	11100	10000	10800	70	Up to 159	6486 6487 6488 6489
INDU FLOOD 3	88	1320	18100	19600	19300	20800	18900	20400	130	Up to 161	6486 6487 6488 6489
INDU FLOOD 4	96	1400	28300	30600	30200	32600	29400	31800	205	Up to 159	6486 6487 6488 6489

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

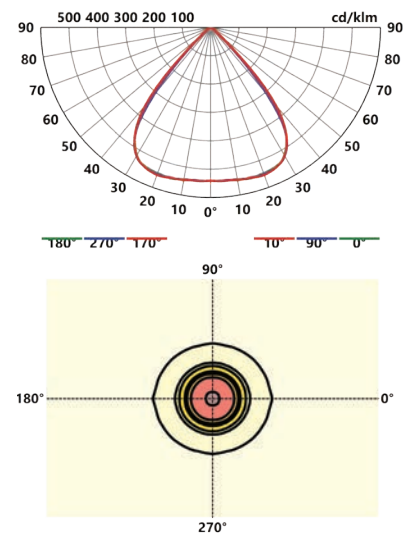
6486 optic - 30°



6487 optic - 60°



6488 optic - 90°



6489 optic - Type II

