

INDU DOWNLIGHT



Reliable, energy-efficient and affordable indoor lighting solution

INDU DOWNLIGHT offers a beneficial LED alternative to fluorescent spotlights for typical professional indoor venues such as reception areas, offices, conference rooms, corridors and lifts.

Available in various sizes/lumen outputs, INDU DOWNLIGHT is a flexible solution with all the advantages of the latest LED technology: low power consumption (savings of up to 90% compared with traditional spotlights), long lifetime, no specific maintenance requirements and control options for dimming and light-on-demand features.

INDU DOWNLIGHT contributes to a brightly-lit environment that creates a happier, healthier workforce, which is in turn more productive and likely to stick around.

IP 20

IK 03



CE



RAILWAY
STATIONS &
METROS



INDUSTRIAL
HALLS &
WAREHOUSES



SPORT
FACILITIES

Concept

Made of aluminium and equipped with a polycarbonate protector, INDU DOWNLIGHT is designed for recessed mounting with spring-retaining clips. It offers easy installation with a quick electrical connection. As an option, INDU DOWNLIGHT can be controlled via the DALI protocol and integrate a Building Management System (BMS). It can also be associated with detection devices to create responsive light-on-demand scenarios.

This modern lighting solution complies with the strictest indoor safety regulations. It is a fireproof solution with a high flammability resistance (650° C) to keep providing light during a fire and to prevent smoke emissions.

INDU DOWNLIGHT also provides high visual comfort. It delivers a neutral white light with a high colour rendering index (CRI 80).



The design offers an optimal heat dissipation for long-lasting performance.



The quick electrical connection is performed at the back of the luminaire.

TYPES OF APPLICATION

- RAILWAY STATIONS & METROS
- INDUSTRIAL HALLS & WAREHOUSES
- SPORT FACILITIES

KEY ADVANTAGES

- 3 sizes for flexibility
- Easy installation and maintenance free
- Cost-effective and efficient lighting solution
- High visual comfort
- White light with a high colour rendering index



The fire-resistant INDU DOWNLIGHT complies with the strictest indoor safety regulations.



INDU DOWNLIGHT is available in 3 sizes, each offering a typical lumen output.

GENERAL INFORMATION

Driver included	Yes
CE Mark	Yes
ENEC certified	Yes
ROHS compliant	Yes

HOUSING AND FINISH

Housing	Aluminium
Protector	Polycarbonate
Tightness level	IP 20
Impact resistance	IK 03

OPERATING CONDITIONS

Operating temperature range (Ta)	-20°C up to +40°C / -4°F up to 104°F
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ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	220-240V – 50-60Hz
Power factor (at full load)	0.9
Surge protection options (kV)	1
Control protocol(s)	DALI

OPTICAL INFORMATION

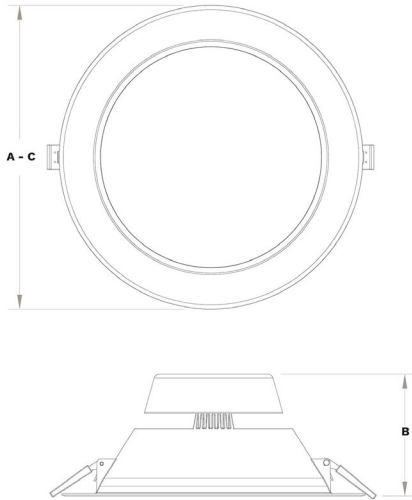
LED colour temperature	4000K (Neutral White 840)
Colour rendering index (CRI)	>80 (Neutral White 840)

LIFETIME OF THE LEDS @ TQ 25°C

All configurations	25.000h - L80
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DIMENSIONS AND MOUNTING

AxBxC (mm inch)	INDU DOWNLIGHT 1 - 145x78.5x145 5.7x3.1x5.7 INDU DOWNLIGHT 2 - 175x84.5x175 6.9x3.3x6.9 INDU DOWNLIGHT 3 - 245x98.5x245 9.6x3.9x9.6
Weight (kg lbs)	INDU DOWNLIGHT 1 - 0.14 0.3 INDU DOWNLIGHT 2 - 0.27 0.6 INDU DOWNLIGHT 3 - 0.49 1.1
Mounting possibilities	Ceiling-recessed





Luminaire	Number of LEDs	Current (mA)	Luminaire output flux (lm) Neutral White 840		Power consumption (W)		Luminaire efficacy (lm/W)
			Min	Max	Min	Max	Up to
INDU DOWNLIGHT 1	14	70	700	700	9	9	78
INDU DOWNLIGHT 2	24	70	1300	1300	15	15	87
INDU DOWNLIGHT 3	48	60	2600	2600	25	25	104

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

