

# 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

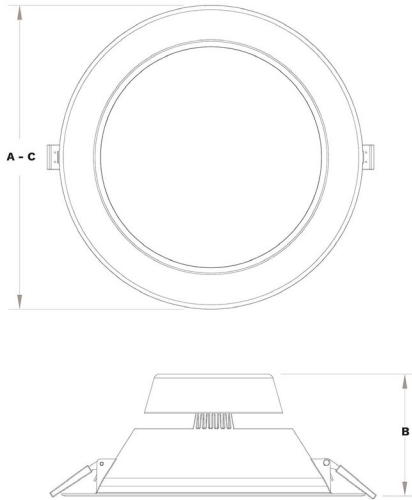
LED colour temperature	4000K (Neutral White 840)
Colour rendering index (CRI)	>80 (Neutral White 840)

## 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 DOWNL IGHT 1	14	70	900	900	9	9	100
INDU DOWNL IGHT 2	24	70	1400	1400	15	15	93
INDU DOWNL IGHT 3	48	60	2700	2700	25	25	108

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

