

**THORN**  
LIGHTING



# BETA FORCE

IP65/20 for where a higher degree  
of protection is required



**WE  
MAKE  
LIGHT  
WORK**

# IP65/20 RECESSED PANEL WITH CCT SWITCH

## FOR MORE DEMANDING LIGHTING NEEDS

Where a higher degree of protection is required, Beta Force is the ideal recessed LED panel.

On installation, choose from colour temperatures of 3000 K / 3500 K / 4000 K using the in-line switch to best suit the room. When installed, the panel is extremely durable and great for both wet and dry areas thanks to its resistance to moisture, water, dust and dirt (IP65 front, IP20 back).

IK08 impact protection up to 5 Joules also makes Beta Force ideal for high traffic and public areas that may be exposed to damage.

This very capable recessed luminaire offers a high efficacy of up to 145 lm/W, a long lifetime of 100,000 hours (L80), a TP(a) rated diffuser and control of glare as low as UGR < 19.

Beta Force is offered with fixed output and DALI-2 dimmable options, along with CRI 80 and high colour rendering CRI 90 LEDs to meet the demands of academic and office settings.



Education



Healthcare  
(Non-critical)



Office







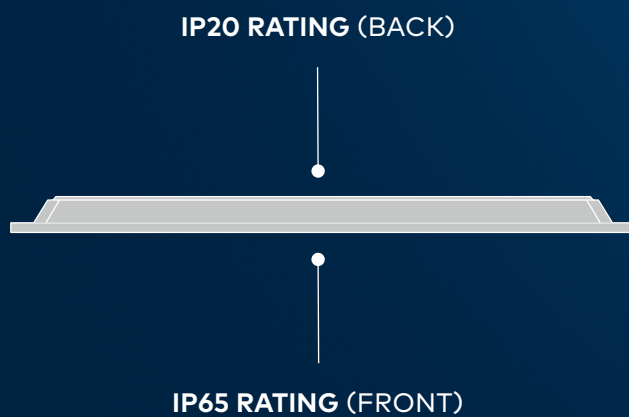
## INGRESS PROTECTION FROM WATER, DUST AND DIRT

- IP65 front, IP20 back
- Dust tight
- Protected against water jets from any angle (from the front)
- Ideal for areas requiring a higher level of protection including changing rooms, workshops and hospital corridors



## IMPACT PROTECTION

- IK08
- Impact protection up to 5 Joules
- Equivalent to a blow from a 1.7 kg hammer at a 30 cm distance
- Ideal for high traffic areas, public areas, workshops







## SWITCHABLE COLOUR TEMPERATURE

- 3000 K, 3500 K, 4000 K
- Choose your colour temperature at installation on site with the flick of a switch
- Match the ambiance of the room
- One recessed panel for many scenarios



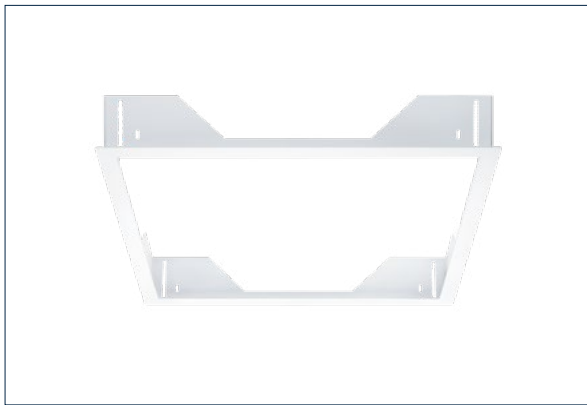
CCT SWITCH



# INSTALLATION OPPORTUNITIES

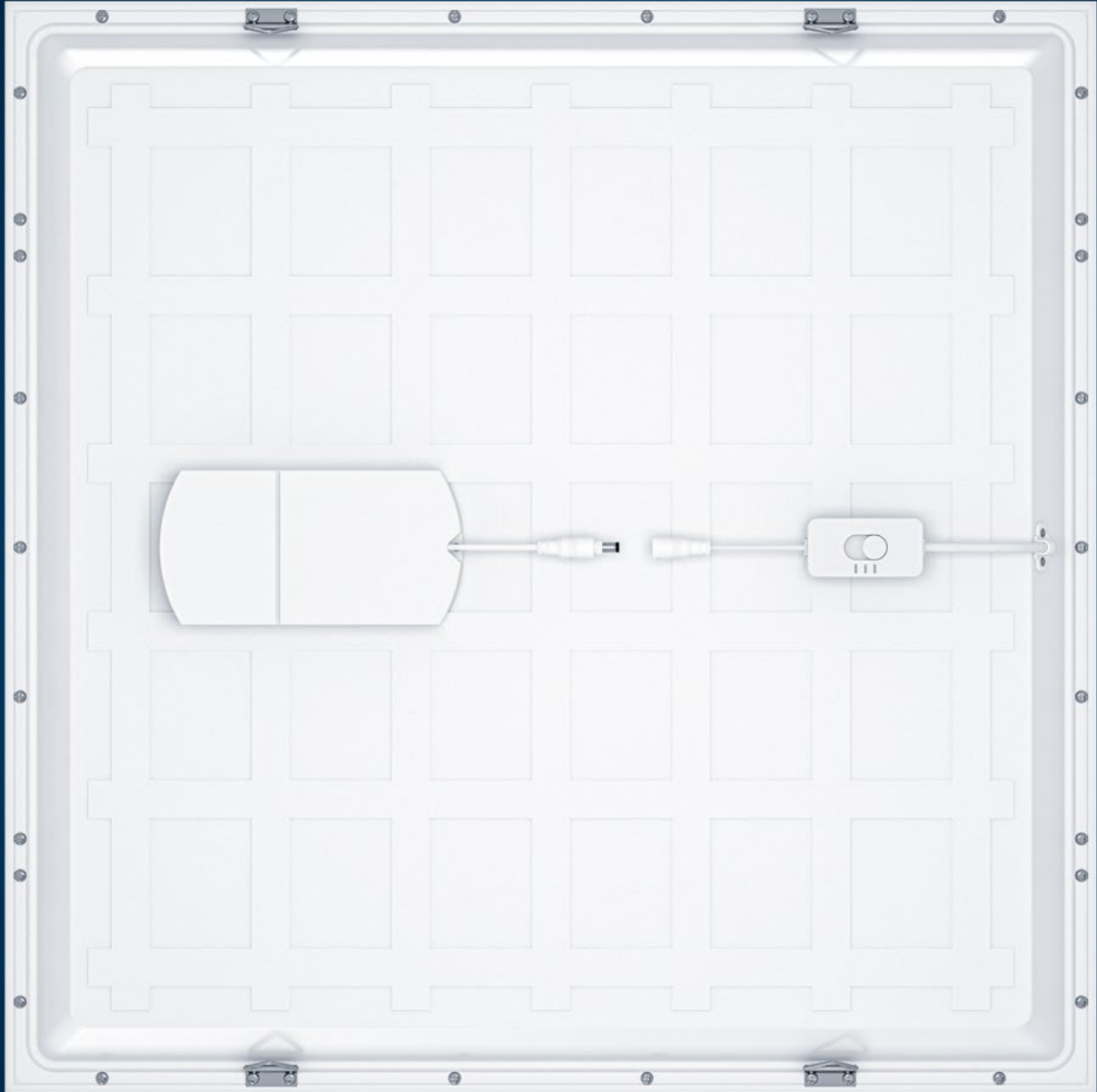
Beta Force is primarily designed for installation in lay-in ceilings and with the main body having a depth of only 35 mm, it is perfect for shallow ceiling voids. Safety wire included.

Beta Force can be mounted in plasterboard ceilings using Thorn's optional plasterboard frame accessory.



Plaster-in ceiling via  
plasterboard frame



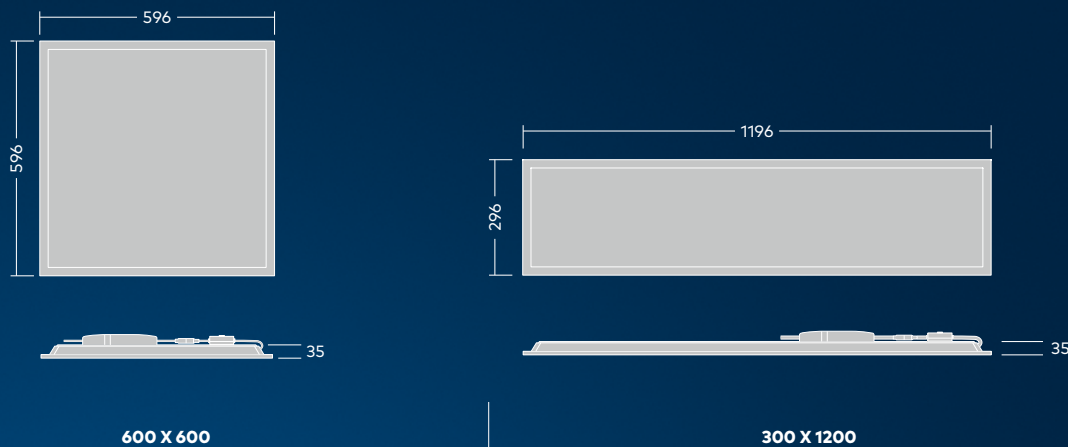


## DESIGNED FOR EASY INSTALLATION

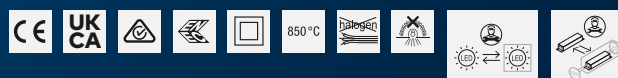
Quick and easy installation is assured thanks to considered features including the twist-and-lock connection between the panel and the driver, in addition to the loop-in, loop-out wiring connections.

One of three colour temperature's selectable at site for more flexibility via the CCT switch.

# BETA FORCE



	Polycarbonate opal diffuser, TP(a) rated
	3000 K / 3500 K / 4000 K (Switchable colour temperature by an in-line switch)
	3500 lm, 4100 lm, 6000 lm
	Up to 145 lm/W
<b>CRI</b>	80, 90
<b>UGR</b>	UGR < 19 (6000 lm UGR < 22)
	IP65/20 (Front/Back)
	0 °C to 40 °C
	IK08
	L80 100,000 hrs @ 25 °C
	Lay-in ceilings. Safety wire included. Optional mounting accessory allows for installation in plasterboard ceilings.
	White body and frame, Opal diffuser
	Fixed Output (HF), DALI dimmable (HFIX), basicDIM Bluetooth® Wireless (BC)
	3 hr manual test, LiFePO4 (E3) 3 hr addressable/self-test LiFePO4 (E3D)
	MacAdam 3



As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries.  
thornlighting.com/guarantee

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02/2025 (INT)

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