

**THORN**  
LIGHTING



**BETA**

Flexible, efficient, dependable



## BETA – FLEXIBLE, BRILLIANT LIGHT QUALITY

### ADAPTS TO YOUR REQUIREMENTS

Flexibility and light quality are the combined strengths of the Beta product. Being square or rectangular, the form fits multiple ceiling dimensions (600 mm, 625 mm, 300 x 1200 mm), it can be used on different ceiling types (lay-in, plasterboard) and it can be surface mounted or suspended. With a colour rendering index (CRI) of 80+ and a unified glare rating (UGR) of <19 across all versions, Beta delivers excellent light quality for all indoor workplace lighting requirements.

### PERFECT PLANNING

Peace of mind is guaranteed when using the Beta products due to the 3 available lumen packages (3200 lm, 4100 lm, 4800 lm). With traditional lumen packages, point-for-point replacements can be made during a refurbishment project. With the highest package, you can even specify new grids with minimum installation points, optimising a project and its installation period.

### LRO – REDUCING GLARE

Low perceived glare and a smooth appearance are both realised with Beta's performance driven backlit concept. The dual layer optical stack and the 3 lumen outputs (up to 4800 lm) result in a product that is unrivalled. The luminance reduced optic (LRO) is the perfect choice for professional offices or educational environments as it complies with EN12464-1.

### APPLICATION AREAS



OFFICE



EDUCATION

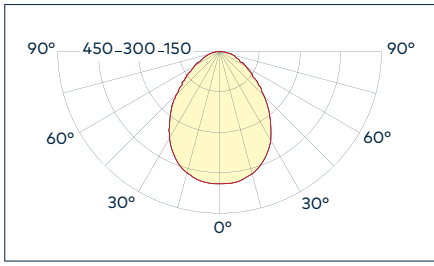


RETAIL



ANCILLARY AREAS

## LRO OPTIC



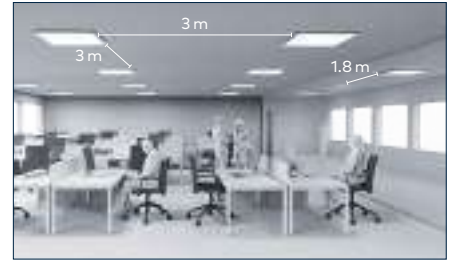
PERFECT GLARE CONTROL

## BACKLIT TECHNOLOGY



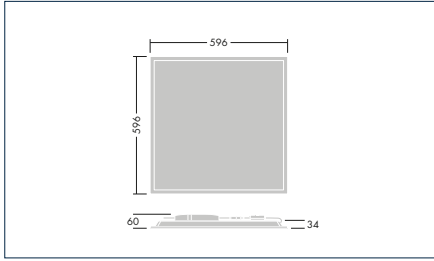
HIGH PERFORMANCE, SMOOTH APPEARANCE

## PERFECT PLANNING

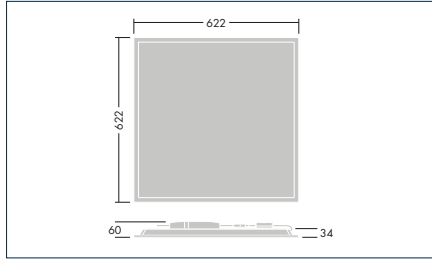


FROM 1,8 x 1,8 M UP TO 3 x 3 M  
SPACINGS POSSIBLE AT 500 LX

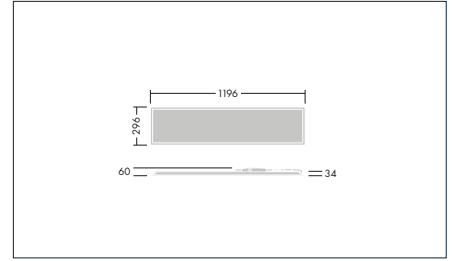
## DIMENSIONS



Q600



Q625

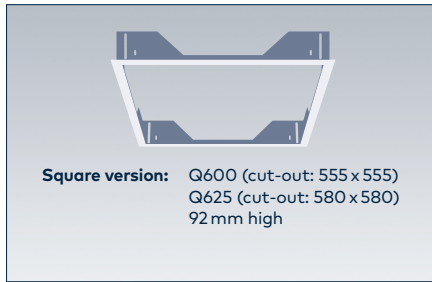


300 x 1200

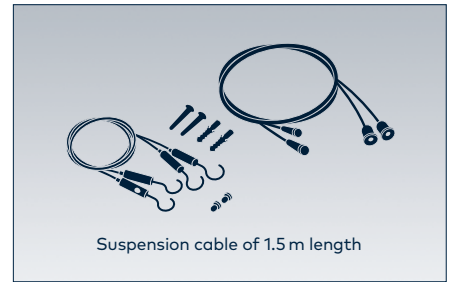
## ACCESSOIRES



SURFACE-MOUNTED KIT



PLASTERBOARD



SUSPENSION KIT

# TECHNICAL DATA



## MATERIALS AND FINISH

- Housing and frame: white powder-coated sheet steel, close to RAL9016
- Optic: opalized PMMA with nano-structure deglaring foil

## INSTALLATION AND MAINTENANCE

- All versions feature loop in / loop out with integral strain relief
- 2.5 m long pre-wiring options available (WIELAND, WAGO)
- Mounting options:
  - lay in
  - plasterboard ceilings (with accessory)
  - surface-mounted (with accessory)
  - suspended (with accessory)

## CONTROLS

- Fixed output (HF)
- DALI dimmable (HFIX)
- Corridor function (COR, COZ)
- basicDIM wireless (BC), on request
- Self-contained emergency (E3), addressable emergency on request



Wide distribution



3200 lm  
4100 lm  
4800 lm



Up to 125 lm/W



3000K  
4000K



IK05



50000 h  
L80@Ta 25°C



UGR < 19 & L65  
< 3000 cd/m<sup>2</sup>



Fixed output (HF),  
DALI dimmable (HFI),  
Corridor function (COR, COZ),  
basicDIM Wireless  
(BC – on request)



80  
(90 on request)



E3



Made in  
Europe



IP20  
IP44 (from below)

# GET IN TOUCH

[www.thornlighting.com/BET3](http://www.thornlighting.com/BET3) [www.thornlighting.com/contacts](http://www.thornlighting.com/contacts)



**5 YEAR  
GUARANTEE**

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](http://thornlighting.com/guarantee)

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**WE  
MAKE  
LIGHT  
WORK**