

Beta Cell

A distinctive cellular design with excellent glare control and high efficacy for office and education

- Available in square 600 and 625 sizes suitable for modular ceilings and when combined with the required mounting accessories can be suspended, surface mounted or installed in plasterboard ceilings
- Offering a modern, alternative appearance to standard flat panels, Beta Cell is an ideal, cost effective solution, for replacing old existing luminaires during a refurbishment project
- The 36 LED cells (arranged in a 6x6 pattern) each have a prismatic primary lens to allow for higher light output with low glare and user comfort
- Easy to install with twist and lock wiring connectors to the LED driver



Photographs, line drawings and photometric data are representative only. For specific product detail please select an individual product.

Material/Finish

Frame: white sheet steel, close to RAL9003

LED cell: Molded plastic

Optical system: Plastic prismatic lens

Installation/Mounting

Suitable for recessed lay in grid ceilings as standard and accessories to allow installation in plasterboard ceilings, surface-mounted and suspended.

Specification

To specify state:

A light weight recessed luminaire with LED light source arranged as 36 cells each with prismatic primary lens. 3000K and 4000K colour temperature, CRI>80 and a lifetime of 50,000 hours @ L80 Ta 25°C, including high efficiency up to 133lm/W, UGR<16 (3400lm) UGR<19 (4100lm), IP40 from below and IK04.

As Thorn Beta Cell

Ordering Guide

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
Beta Cell				
BETA CELL 3400 Q600 840 HF	LED		2,1	96222743
BETA CELL 4100 Q600 840 HF	LED		2,1	96222744
BETA CELL 3400 Q600 940 HF	LED		2,1	96222745
BETA CELL 4100 Q600 940 HF	LED		2,1	96222746
BETA CELL 4100 Q600 830 HF	LED		2,1	96222751
BETA CELL 4100 Q600 930 HF	LED		2,1	96222753
BETA CELL 4100 Q625 840 HF	LED		2,2	96222755
BETA CELL 4100 Q625 940 HF	LED		2,2	96222756
BETA CELL 4100 Q625 930 HF	LED		2,2	96222759
Beta Cell dimmable				
BETA CELL 3400 Q600 840 HFIX	LED		2,1	96222747
BETA CELL 4100 Q600 840 HFIX	LED		2,1	96222748
BETA CELL 3400 Q600 940 HFIX	LED		2,1	96222749
BETA CELL 4100 Q600 940 HFIX	LED		2,1	96222750
BETA CELL 4100 Q600 830 HFIX	LED		2,1	96222752
BETA CELL 4100 Q600 930 HFIX	LED		2,1	96222754

Beta Cell

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
BETA CELL 4100 Q625 840 HFIX	LED		2,2	96222757
BETA CELL 4100 Q625 940 HFIX	LED		2,2	96222758
BETA CELL 4100 Q625 930 HFIX	LED		2,2	96222760
Beta Cell accessories				
BETA 3 PLASTERBOARD KIT Q600			2,1	96635030
BETA 3 IQ BEAM SURFACE MOUNT KIT Q600			1,9	96635031
BETA 3 IQ BEAM SURFACE MOUNT KIT Q625			2	96635033
BETA 3 SUSPENSION KIT SQUARE			0,125	96635035