

QuadLUX

- 270mm x 270mm LED array
- Up to 145lm/W at nominal current
- Over 1100lm per panel
- Modular interconnecting design
- Ideal for ceiling tile systems
300x300, 600x600, 1200x300 & 1200x600mm designs
- Compatible with wide range of iDrive® LED drivers
- Optional poke-home connection for ease of assembly



Product Overview

The innovative QuadLUX range provides an economical but high quality LED light source for use in ceiling tiles and other luminaires. The versatile modular design is available as a single array or a 4 piece set to suit a variety of ceiling tile designs. The QuadLUX uses a poke-home power input connector and push fit board interconnections for simple solder-free assembly. Designed for high quality, high lumen output, the QuadLUX uses high performance LEDs which are positioned to give uniform output across the entire array area and with adjacent units. The QuadLUX is designed with room to accommodate cable routing and other fixings for compromise-free integration.

At 8.6W per panel the QuadLUX will deliver over 1100 lumens, or in conjunction with 3 other units as in a 600x600 tile is capable of producing in excess of 4400lm. In addition, the QuadLUX range offers static CCT options from 2700K to 5500K with the option of thermal feedback for protection of the LED sources.

Serenity Lighting

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Product Selection Table

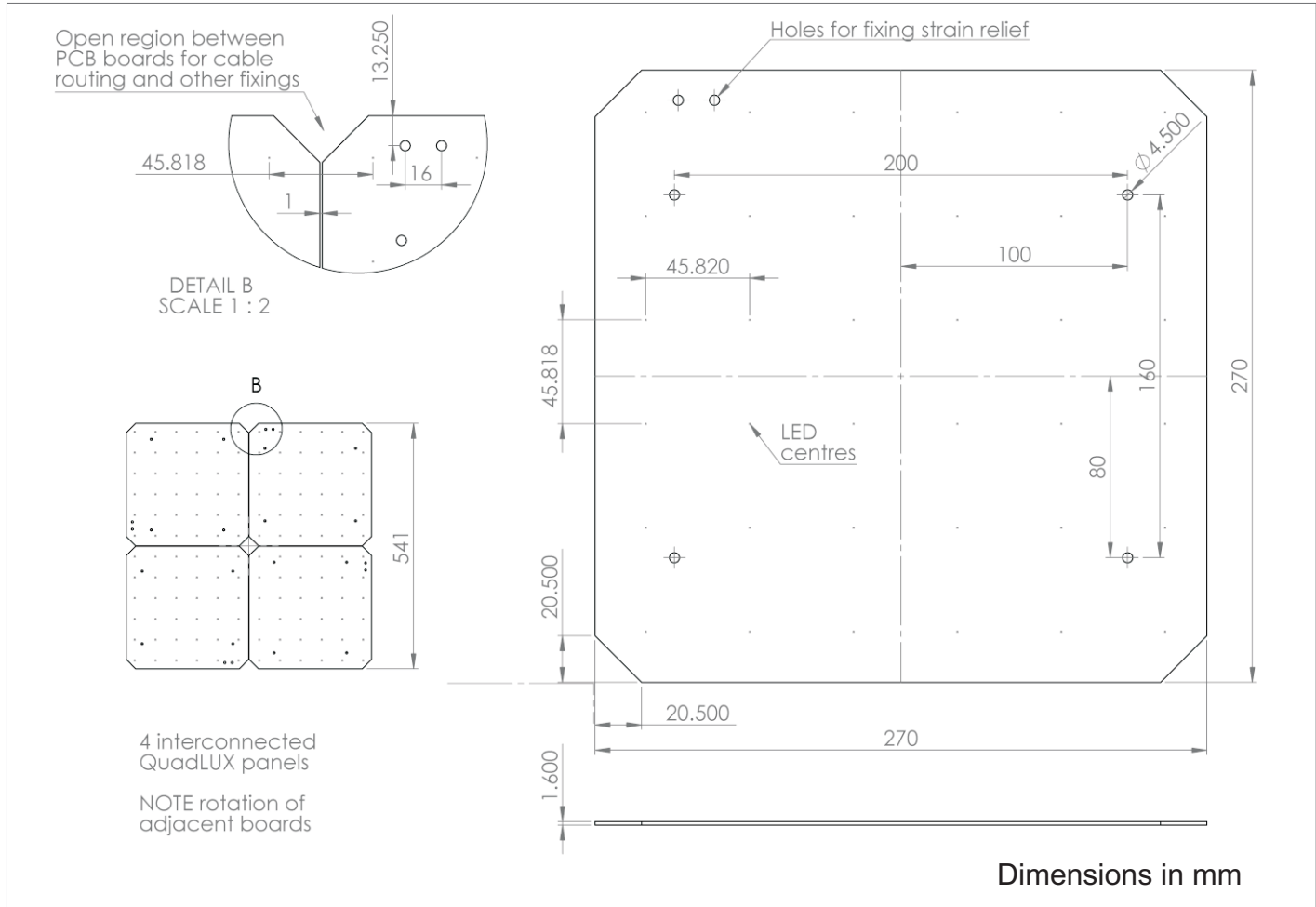
A	Product Family	QL = QuadLUX				
B	Family Variant	01 = Single array with poke-home connector	02 = Single array with no connector	03 = 4 piece array with poke-home connector	04 = 4 piece array with no poke-home connector	Contact sales for details
		05 = Single array with poke-home connector + Thermal feedback	06 = Single array with no connector + Thermal feedback	07 = 4 piece array with poke-home connector + Thermal feedback	08 = 4 piece array with no poke-home connector + Thermal feedback	
C	IP Rating	00 = IP00				
D	Driver Type	1 = Non-dimmable	2 = Dimmable	3 = DALI+	4 = 1-10V	F = Fixture only
E	LED Colour	2700 = 2700K	3000 = 3000K	4000 = 4000K	5650 = 5650K	Contact sales for details
F	Module Colour	W = White				
G	Diffuser Type	X = No diffuser				
H	Beam Angle	120 = 120°				
J	Number of LEDs	036 = 360 LEDs (Single array only)	144 = 144 LEDs (4 piece array only)			
K	Input Current	0250 = 250mA (single array only)	1000 = 1A (4 piece array only)			

Order Coding AABBCCD/EEEEFGHHH/JJJ/KKKK - see table for details on coding. (add suffix '-EM' for emergency models)

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Product Dimensions



Product Data

Configuration	Single array	4 piece set assembled into luminaire
Product size	270mm x 270mm	541mm x 541mm
Input current	0.25A	1A
Input Voltage	35 V (Typical)	35V (Typical)
Power Consumption (LEDs)	8.6W	35W + Driver
Total useable LED Flux	1158 lm	3965 lm (luminaire lumens)
Total useable LED Efficacy	135 lm/W	106 lm/W (Luminaire lumens per circuit Watt)
Colour Temperature	2700K to 5500K	
CRI	Ra > 85 typical (standard) and Ra>90 (optional)	
LED Engine Lifetime	>60,000 hours at L70	
Operating Temperature	-20 degrees C to +50 degrees C	
Working Humidity	80% Relative Humidity Max. (non-condensing)	
Construction	FR4 substrate with white surface coating	
Net Weight	0.255kg	1.020 kg + Enclosure
Certification	RoHS, CE	
Dimming Options	iDrive® Dali+ (0.3% Minimum), MultiDIM (3% Minimum), 1-10V ACE (1% Minimum)	