

Clean Room

The Clean Room fitting has an IP65 rating from the front and a IP54 from the back and ISO 14644-1 Class 6. Additionally, the Clean Room is available to be made in bespoke sizes to suit your needs.



Features

- Suitable for composite & solid ceilings. Custom versions available for non-standard ceiling construction
- Backlit LEDs for superior efficiency and distribution
- Removable IP65 steel framed diffuser
- Fully adjustable side arm brackets for ease of installation
- 22K, 27K, 3K, 4K, 5K, 65K LEDs
- Wireless Control System Available
- TPA Required

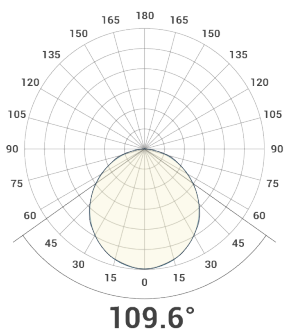
Applications

- Food Processing
- Pharmaceutical
- Manufacturing
- Data Centre

Options and Accessories

- EMFL** EM LiFePO4 (4W)
- EMFLST** EM SELFTTEST LiFePO4 (4W)
- EMFLP** EM PRO LiFePO4 (4W)
- CF** Corridor Function
- MW** Microwave sensor (IR Programmer required)
- DD** SwitchDIM/DALI

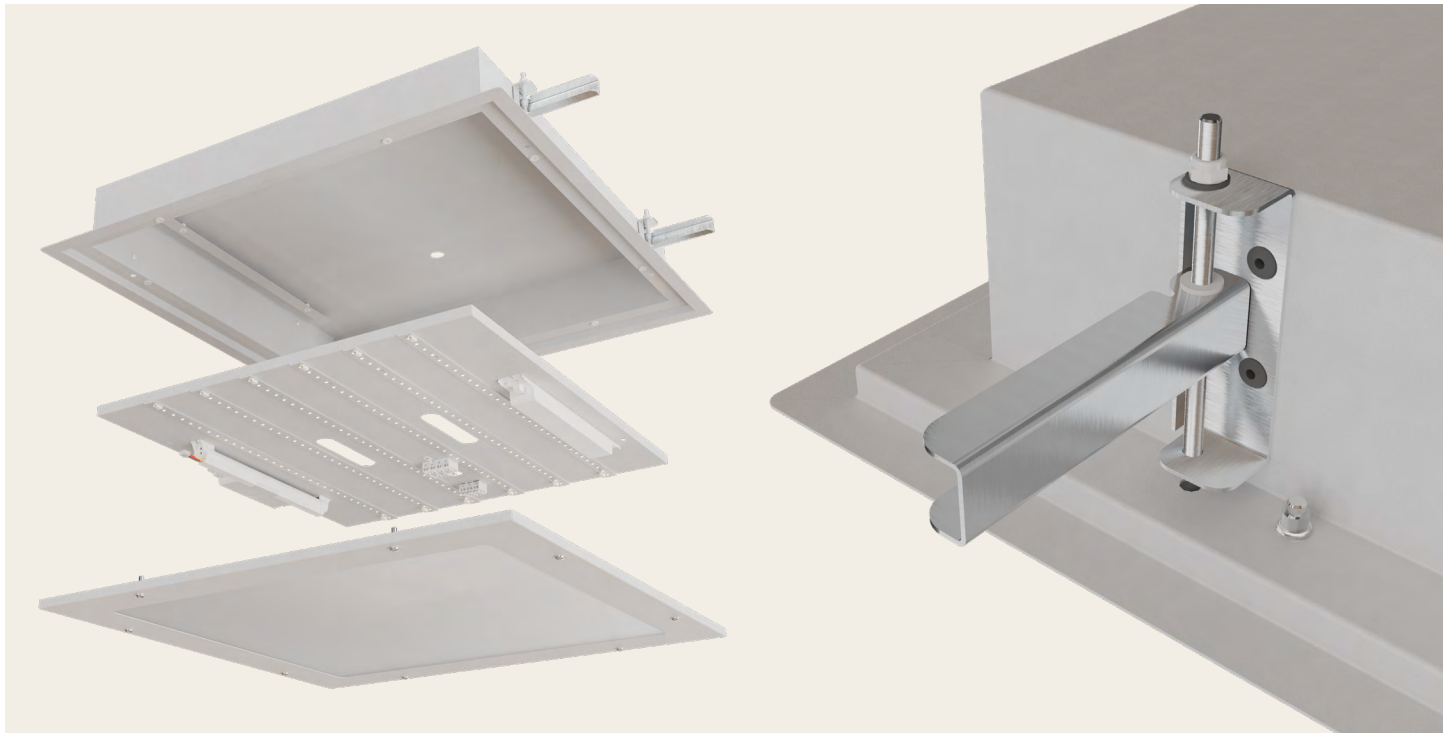
Photometric



Dimensions



Clean Room



Technical Details

Part No.	Description	Power (W)	Luminaire Lumens	LI/cW
CRF2-27-66-4K	IP65 Panel Fitting 600 x 600	27	3278	121.4
CRF2-54-66-4K	IP65 Panel Fitting 600 x 600	54	6485	120.1
CRF2-75-66-4K	IP65 Panel Fitting 600 x 600	75	9217	122.9
CRF2-20-123-4K	IP65 Panel Fitting 1200 x 300	20	2437	121.9
CRF2-27-123-4K	IP65 Panel Fitting 1200 x 300	27	3278	121.4
CRF2-40-123-4K	IP65 Panel Fitting 1200 x 300	40	4804	120.1
CRF2-54-126-4K	IP65 Panel Fitting 1200 x 600	54	6485	120.1
CRF2-80-126-4K	IP65 Panel Fitting 1200 x 600	80	9608	120.1

Additional Information

Body Material	Diffuser Material	Housing Colour	Mounting Type	CCT Offering	CRI	SDCM	UGR Rating	Dimmable	Dimming Method
Mild Steel	Polycarbonate	RAL9003	Recessed	22K, 27K, 3K, 4K, 5K, 65K	80+	3 step Macadam Ellipse	Available	Available	SwitchDIM/DALI

IP Rating	IK Rating	Operating Temperature (°C)	L/B value ^{*A}	Inrush current (A) ^{*B}	No.Per 10A breaker ^{*C}	Terminal Information	Warranty	Weight (kg)
IP65 Front IP54 Back	IK08	-20° + 40°	60K+ L90/B10	20W - 4.5A 36µs 27W - 4.5A 36µs 54W - 5A 37µs	20W - 50 27W - 50 54W - 35	2.5mm Push connector	5 Year warranty 1 year parts and Labour Inclusive	600x600 - 5.3 1200x300 - 5.3 1200x600 - 10.8

*A: L/B value based on Ta25°C operating temperature, standard operation of luminaire within stated parameters. For specific detail please contact info@powerlitefitz.co.uk

*B: This applies only to our standard product offering.

*C: This applies only to our standard product offering.

RECESSED

Clean Room



Example Code

Standard Part No.	Description	Addon Suffix	Suffix Description
CRF2-27-66-4K	27W IP65 Panel Fitting 600 x 600	DD	SwitchDIM/DALI
		EM LiFePO4 (4W)	EM LiFePO4 (4W)
Final Part No.	Description		
CRF2-27-66-DD-EMFL-4K	27W IP65 Panel Fitting 600 x 600 SwitchDIM/DALI EM LiFePO4 (4W) 4000K		