

Clean Room

The Clean Room fitting has an IP65 rating from the front and a IP54 from the rear. Additionally, the Clean Room is available to be made in bespoke sizes to suit any specification requirements.



Features

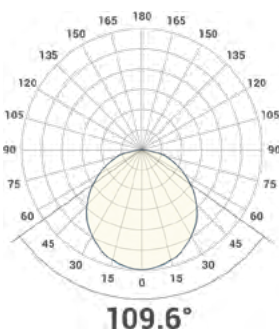
- Suitable for composite & solid ceilings.
- Fully adjustable side arm brackets for ease of installation
- Custom versions available for non-standard ceiling construction
- Backlit LEDs for superior efficiency and distribution
- Removable IP65 steel framed diffuser
- 22K, 27K, 3K, 4K, 5K, 65K LEDs
-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

Applications

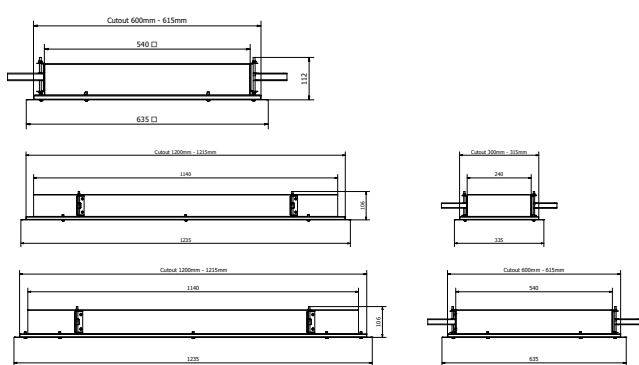
- Food Processing
- Pharmaceutical
- Manufacturing
- Data Centre

Accessories

Photometric



Dimensions



Clean Room



Technical Details

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

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	Terminal Information	Warranty	Weight (kg)
IP65 Front IP54 Back	IK10	-20° + 40°	60K+ L90/B10	2.5mm Push connector	5 Year warranty 1 year parts and Labour Inclusive	600x600 - 6.3 1200x300 - 6.3 1200x600 - 11.8

^AA: 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
Please contact info@powerlitefitz.co.uk for the Inrush current (A) & No.Per 10A breaker.

Clean Room



Product Specific							Add-Ons				
1	2	3	4	5	6	7	8	9	10	11	12
Range	Wattage	Dimensions	Colour Temp	Control	Sensor	Emergency	Diffuser	RAL	Driver Option	Wiring Options	Special

1	Range	
	Clean Room	CRF2-
2	Wattage *	
	20W	20-
	27W	27-
	40W	40-
	54W	54-
	75W	75-
	80W	80-
	Other Wattage	**-

** Please note higher wattages not available in smaller sized bodies—please confirm with the sales team. Must confirm if other wattages is permissible with the Sales Team

3	Dimensions **	
	600x600mm	66-
	1200x300mm	123-
	1200x600mm	126-
	Other Size	***-

* Please Note all sizes are not available with all options —please confirm with the Sales Team

4	Colour Temperature	
	2700K	27K-
	3000K	3K-
	4000K	4K-
	5000K	5K-
	6500K	65K
	Tuneable White	TW-

5	Controls	
	DALI Dimming up to 150W	DD-
	Other Dimming*	**-

6	Sensor Option ***	
	On/Off PIR	PIR-
	On/Off HF Sensor (IR Programmer required)	MW-
	Corridor Function	CF-
	Wireless Daylighting Dimming Low PIR (<6M)	HSL-
	Wireless Daylighting Dimming High PIR (<17M)	HSH-
	Other Sensor Option	***-

*** Please Note Dimming Sensor Options also must include the correct Control Option —please confirm with the Sales Team

7	Emergency	
	EM LiFePO4 (4W)	EMFL-
	EM SELFTEST LiFePO4 (4W)	EMFLST-
	EM PRO LiFePO4 (4W)	EMFLP-
	Central Battery***	CBS***-
	Other Emergency Option	***EM-

8	Diffuser Option	
	Opal	OPL-
	Micro Prismatic (UGR)	UGR-
	TP(a) Rated	TPA-

9	RAL ****	
	White (RAL9003)	WH-
	Black (RAL9005)	BK-
	Other	RAL****-

**** Please Note non-standard RAL colour may require MOQ's—please confirm with the Sales Team

10	Driver Options *****	
	100,000hr Driver	EXC-
	Night Light	NL-
	Other Driver Option	**-

***** Please Note may require additional drivers and additional onsite wiring to operate correctly

11	Wiring Options	
	Dual Switching	DS-
	Other Wiring Options	OW-

12	Bespoke Manufacturing
Can't find what you're looking for? Speak to our sales team and we'll find the right solution for your project.	

* Prior to ordering, all part codes must be checked and cleared with the sales team