

# CRESSIDA CRFM

Specialist Lighting / Cleanroom



DAVISLIGHTING

## Features

- Class ISO 3 certified to DIN EN ISO 14644-1 (Equivalent to FED STD 209E Class 1)
- Clean screwless magnetic cover
- Micro-prism diffuser for excellent glare-control
- Clear diffuser layer for easy cleaning
- Tunable white options for Circadian lighting
- IP65 and IK08 rated
- Solid and sturdy crank bracket install system
- Front & rear access available
- Various sizes to suit various ceiling grids

## Applications

- Industrial cleanroom
- Laboratory
- Hospital / Healthcare
- Food preparation area

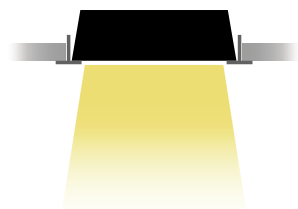
## Options

- DALI control
- Tuneable white
- Smart sensor control
- Anti-microbial paint
- COI compliant

## Standards

- Class ISO 3 certified to DIN EN ISO 14644 - 1
- CB test certified
- IEC 60598-1 :2020
- IEC 60598 2-2 : 2011
- IEC 62031
- IEC 62778
- AS/NZS 60598.2.2: 2016
- AS/NZS 60598.1: 2017

## Mounting Methods



Recessed



Screw-less magnetic cover



Crank bracket system



Clean cover design

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## Product Code Key

Model	Size	Power	-	CRI & Colour Temp.	Body Colour	Dimming			
CRFM	2 = 600 x 300mm	15 = 15W		R93 = CRI>90, 3000K	C07 = Anti-microbial white	D10 = DALI			
		20 = 20W		R94 = CRI>90, 4000K					
		25 = 25W		R99 = CRI>90, Tunable White					
	W2 = 600 x 600mm	30 = 30W							
		40 = 40W							
		50 = 50W							
	4 = 1200 x 300mm	30 = 30W							
		40 = 40W							
		50 = 50W							
			55 = 55W					omit code for standard white body	omit code for standard non-dim

e.g. CRFM455-R94 = CRFM series 1200 x 300mm, 55W, CRI>90, 4000K

## Specifications

Model	CRFM225-xyz	CRFMW250-xyz	CRFM440-xyz	CRFM455-xyz
Nominal Power (W)	25	50	40	55
Input Voltage	220 - 240 VAC 50 / 60 Hz			
Luminaire Flux (lm)	2625	5300	4320	5940
Luminaire Efficacy (lm/W)	105	106	108	108
CRI	> 90			
Power Factor	> 0.95			
Colour Temp. (K)	3000 / 4000			
SDCM	3			
Luminaire Rated Life (hrs)	50,000			
Operating Temp (°C)	-25 to +50			
Weight (kg)	10	13	18	18

"x" denotes CRI & CCT, R93 = CRI>90, 3000K ; R94 = CRI>90, 4000K ; R99 = CRI>90, Tunable White

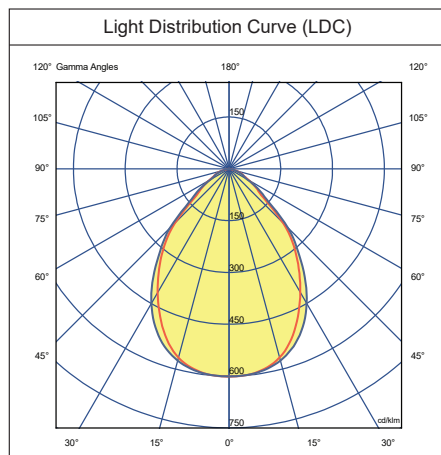
"y" denotes Body Colour, C07 = Anti-microbial white (omit code for standard white)

"z" denotes Dimming, D10 = DALI (omit code for standard non-dimmable)

\*Specifications shown for 4000K

## Lighting Data

CRFM455-R94



## Accessories



**Suction lifter\***

Part number:  
SU-B0001-00



\* Suction tool required to open cover (to be ordered separately)

# CRESSIDA CRFM

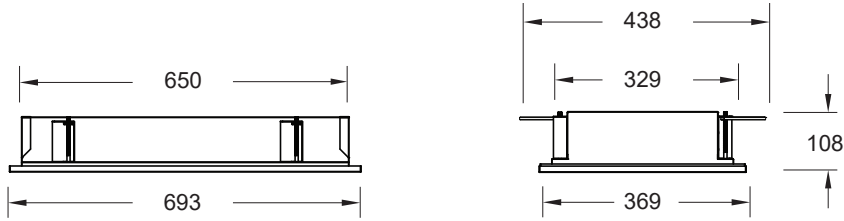
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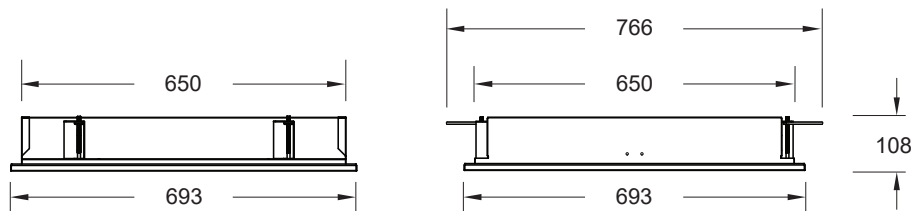
## Dimensions

CRFM215 / CRFM220 / CRFM225



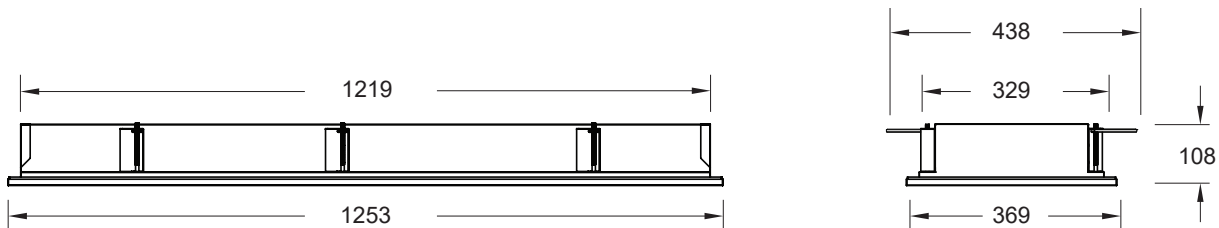
Cut out size: 652x330 mm

CRFMW230 / CRFMW240 / CRFMW250



Cut out size: 652x652 mm

CRFM430 / CRFM440 / CRFM450 / CRFM455



Cut out size: 1220x330 mm

Suitable for ceiling thickness: 20-77 mm



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