

CRESSIDA CRFM

Specialist Lighting / Cleanroom



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

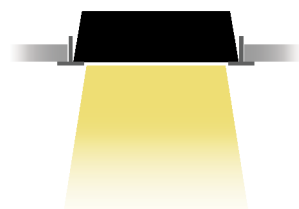
Options

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 20 = 20W 25 = 25W | | R93 = CRI>90, 3000K R94 = CRI>90, 4000K R99 = CRI>90, Tunable White | C07 = Anti-microbial white | D10 = DALI |
| | 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

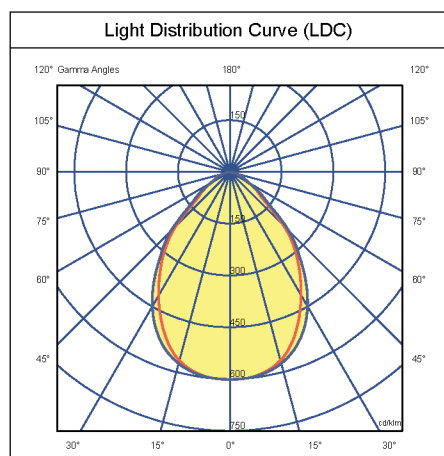
"y" denotes Body Colour, C07 = Anti-microbial white (omit code for standard white)

"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)

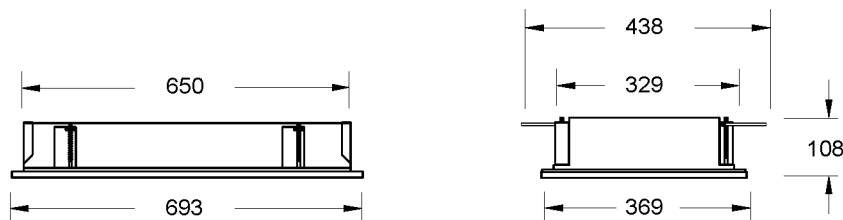
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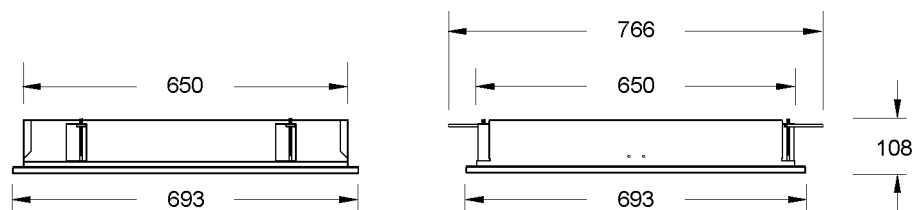
Dimensions

CRFM215 / CRFM220 / CRFM225



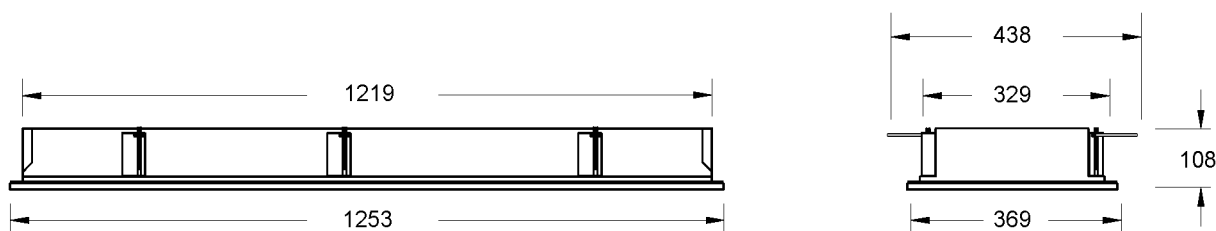
Cut out size: 652x330 mm

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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