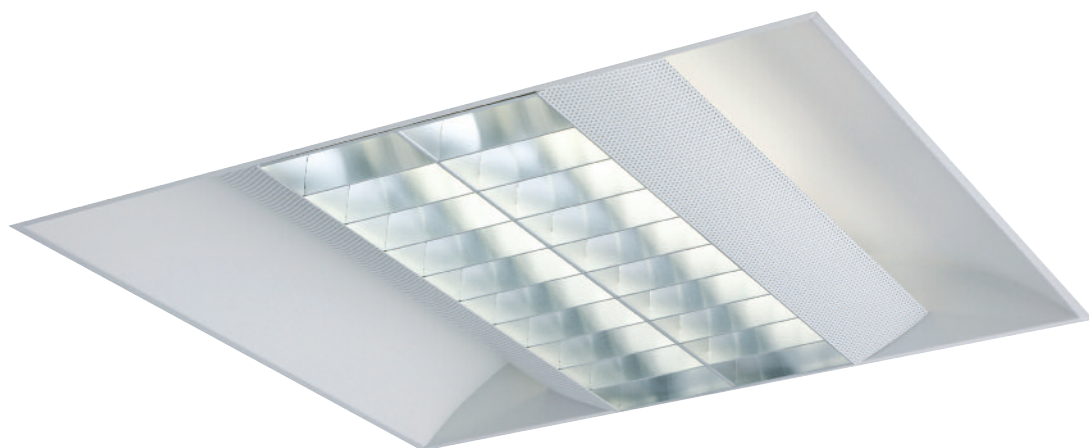




cascade

direct/indirect recessed luminaire

Optics

- MIRO 5 zero iridescent semi-specular louvre mounted between perforated gull wings
- Single cell louvre:
 - 2 x 24/54W T5
 - 1 x 40/55W TC-L
- Twin cell louvre:
 - 4 x 14W T5
 - 2 x 40/55W TC-L
- All the above lamp options are also available with lamps concealed behind a micro perforated diffuser

Body

- Designed to rest above 15 and 25mm exposed T ceilings. Installation in plasterboard ceilings possible using optional frame
- Fully flanged rolled body with end plates tightly jointed for a rigid construction, finished white
- Air handling option on louvre version, 30 litres per second



cascade louvre

> weblink > CSDL

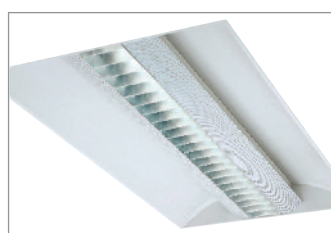
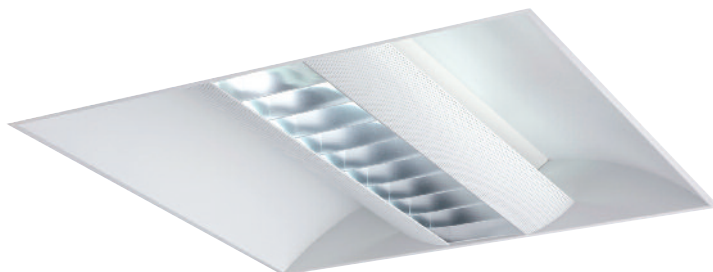
ORDER CODES

Cascade Single Cell Louvre	HF Gear	3 hr Emergency
T5 2 x 24W	CSDWH224	CSDWH224EMIN
T5 2 x 54W	CSDWH254	CSDWH254EMIN
TC-L 1 x 40W	CSDWH140	CSDWH140EMIN
TC-L 1 x 55W	CSDWH155	CSDWH155EMIN

Cascade Twin Cell Louvre	HF Gear	3 hr Emergency
T5 4 x 14W	CSDWH414	CSDWH414EMIN
TC-L 2 x 40W	CSDWH240	CSDWH240EMIN
TC-L 2 x 55W	CSDWH255	CSDWH255EMIN

Options

DALI DIMMING	Replace H with Y in order code	i.e. CSDWY224
DSI DIMMING	Replace H with D in order code	i.e. CSDWD224
SWITCH DIMMING	Replace H with X in order code	i.e. CSDWX224
COMMAND 4	Replace H with Q4Y in order code	i.e. CSDWQ4Y224
COMMAND 3	Replace H with Q3Y in order code	i.e. CSDWQ3Y224
EASYTEST	Add suffix /ET to order code	i.e. CSDWH224/ET
COMET	Add suffix /CT to order code	i.e. CSDWH224/CT
AIR HANDLING	Add suffix /AH to order code	i.e. CSDWH224/AH
PLASTERBOARD INSTALLATION FRAME		CSDPBF



Cascade 2 x 54W single cell louvre



Cascade twin cell louvre

CEILING INTEGRATION

Refer to common ceiling compatibility matrix – See page 310

Exposed T Grids

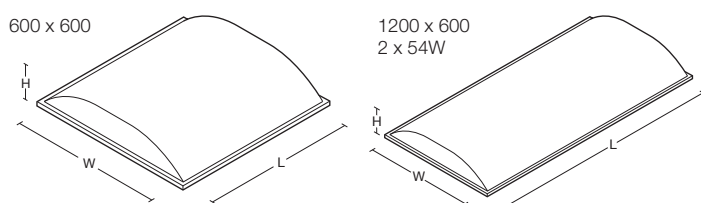
T25 Lay in

T15 Lay in

Plasterboard (Requires installation frame)

Prepared aperture (600 x 600 only)

DIMENSIONS



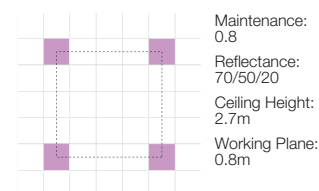
Version	L	W	H	Prepared Aperture	KG	KG
Exposed T	593	595	95	–	4.5	5.5
Plasterboard	660	660	95	625 x 625 ⁻³ / ₊₃	6.5	7.5
2 x 54W Version	1193	595	95	–	8.0	9.0

LAMP PERFORMANCE

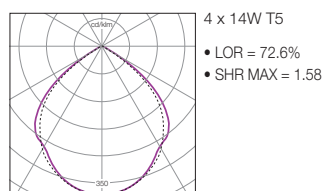
Wattage	IL@25°C	Lamp Life
1 x 14W T5	1200	24,000hrs
1 x 24W T5	1750	24,000hrs
1 x 54W T5	4450	24,000hrs
1 x 40W TC-L	3500	20,000hrs
1 x 55W TC-L	4800	20,000hrs

PERFORMANCE GUIDE

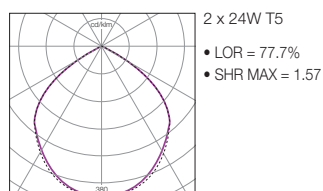
Lamps	Illuminance	Spacing
4 x 14W T5	510 lux	2.4m x 2.4m



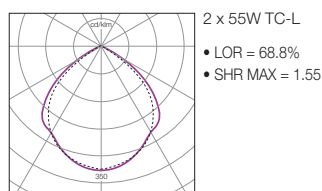
PHOTOMETRIC PERFORMANCE



Utilisation Factors UF(F)						
Room Reflectance			Room Index			
C	W	F	1.00	3.00	5.00	
0.70	0.50	0.20	0.58	0.75	0.78	



Utilisation Factors UF(F)						
Room Reflectance			Room Index			
C	W	F	1.00	3.00	5.00	
0.70	0.50	0.20	0.61	0.79	0.84	



Utilisation Factors UF(F)						
Room Reflectance			Room Index			
C	W	F	1.00	3.00	5.00	
0.70	0.50	0.20	0.56	0.71	0.74	

TO SPECIFY

Direct/indirect recessed T5 or T5L luminaire. Single or twin cell MIRO 5 louvre with perforated wings mounted in a steel body painted white – as Whitecroft Lighting CASCADE

paversmith
managing reputations

