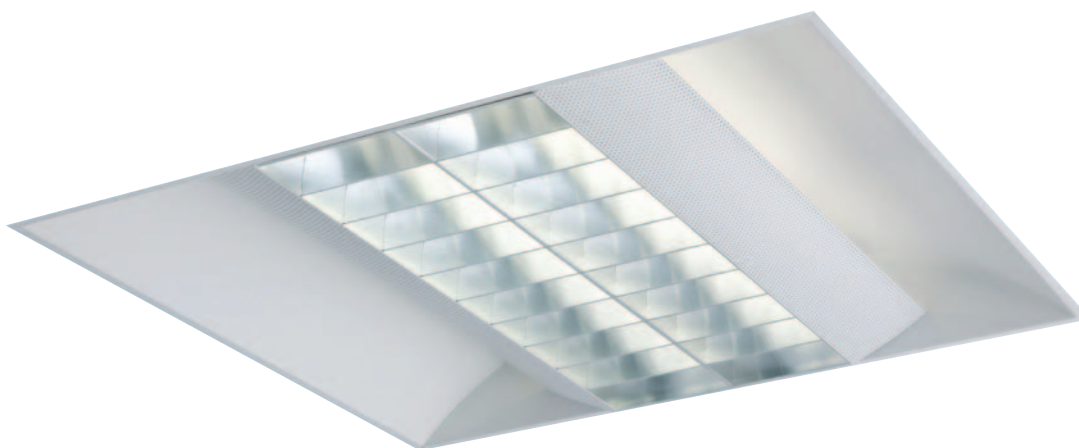




Optics

- 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, 30L/sec



paversmith
managing reputations

cascade

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	i.e. CSDWY224
SWITCH DIMMING	Replace H with X	i.e. CSDWX224
COMMAND 4	Replace H with Q4Y	i.e. CSDWQ4Y224
COMMAND 3	Replace H with Q3Y	i.e. CSDWQ3Y224
EASYTEST	Add suffix /ET	i.e. CSDWH224/ET
COMEPS	Add suffix /EP	i.e. CSDWH224/EP
COMET	Add suffix /CT	i.e. CSDWH224/CT
AIR HANDLING	Add suffix /AH	i.e. CSDWH224/AH
PLASTERBOARD INSTALLATION FRAME		CSDPBF

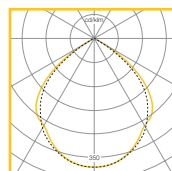


Cascade 2 x 54W Single Cell Louvre



Cascade Twin Cell Louvre

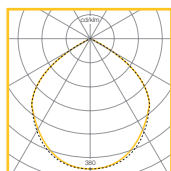
Photometric Performance



- 4 x 14W T5
- LOR = 72.6%
- SHR MAX = 1.58

Utilisation Factors UF(F)

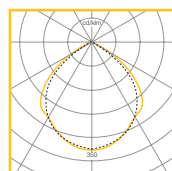
Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.58 0.75 0.78



- 2 x 24W T5
- LOR = 77.7%
- SHR MAX = 1.57

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



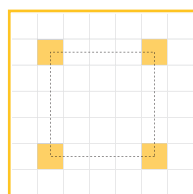
- 2 x 55W TC-L
- LOR = 68.8%
- SHR MAX = 1.55

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

Performance Guide

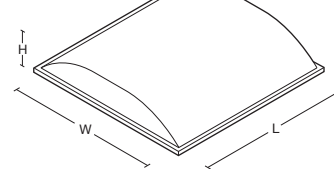
Lamps	Illuminance	Spacing
4 x 14W T5	510 lux	2.4m x 2.4m



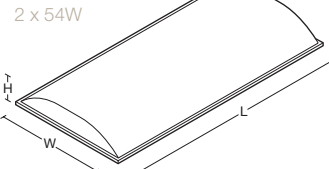
Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
2.7m
Working Plane:
0.8m

Dimensions

600 x 600



1200 x 600
2 x 54W



Version	L	W	H	Prepared Aperture	KG	KG
Exposed T	593	595	95	—	4.5	5.5
Plasterboard frame	660	660	95	625 x 625	6.5	7.5
2 x 54W Version	1193	595	95	—	8.0	9.0

Ceiling Integration

Refer to common ceiling compatibility matrix – See page 404

Exposed T Grids

T25 Lay in
T15 Lay in

Plasterboard (Requires installation frame)

Prepared aperture
(600 x 600 only)

Lamp Performance

Wattage	IL@25°C	Lamp Life
1 x 14W T5	1250	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

To Specify

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