

cascade accent

Display: Modular multi-functional perimeter and accent luminaire

The Cascade family of luminaires has been developed to provide a highly flexible modular family which combines ambient, wall washing and accent lighting in a single unit

CASCADE AMBIENT

The Cascade ambient luminaire range (see recessed fluorescent) meets the needs of today's flexible working environments. Cascade satisfies LG3 and LG7 brightness limits whilst injecting life into the ceiling plane



Cascade and micro perforated diffuser, see page 127

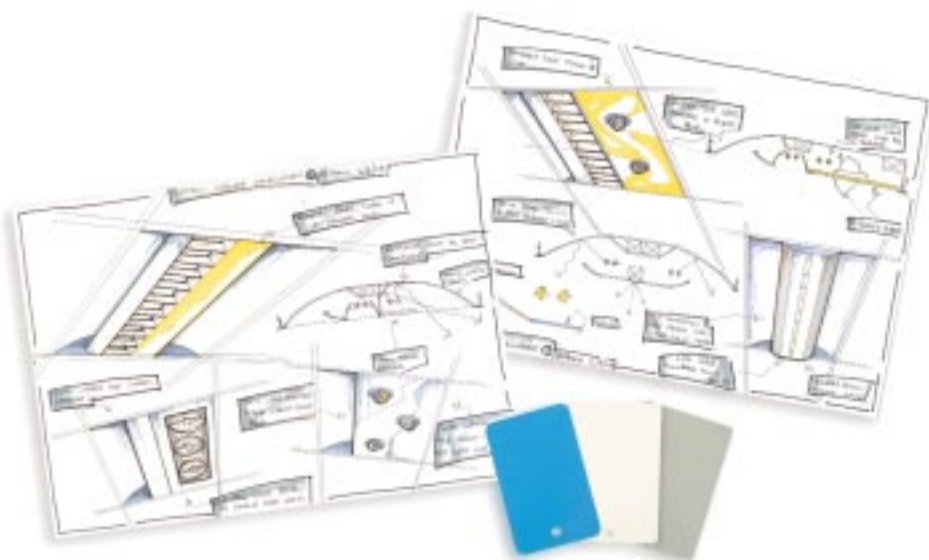
CASCADE ACCENT

To complement the standard Cascade luminaires, a selection of re-configurable modular options have been developed. These units include wall washers, spot and downlight versions. By using these in conjunction with the standard luminaire a co-ordinated lighting scheme can be developed giving a coherent visual appearance throughout a building. These options can also be used in isolation to create a dramatic lit and visual effect for commercial applications in areas such as receptions or boardrooms, in a retail environment to combine good ambient lighting with directional highlighting from a single source and are also particularly suitable for providing ambient and wall illumination in a classroom environment

CASCADE FREEFORM

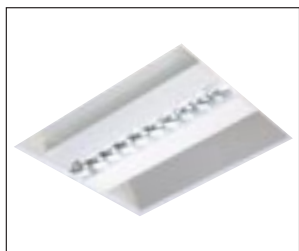
When you are looking for a lighting solution that's just that little bit different, Cascade Freeform can provide the answer. Our lighting designers will work with you to create custom luminaires for any application. Based around Cascade's modular system, you can add different surface colours and finishes, opt for a wide range of diffuser and louvre materials and choose from a wide variety of lamp types including state-of-the-art LED technology. Particularly suitable for use in retail environments, Cascade Freeform offers bespoke solutions in a more accessible way

Cascade Accent Orbit





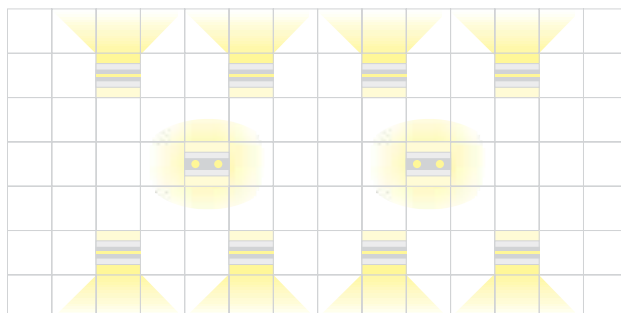
CASCADE TYPICAL LAYOUTS



Cascade Accent Wallwash

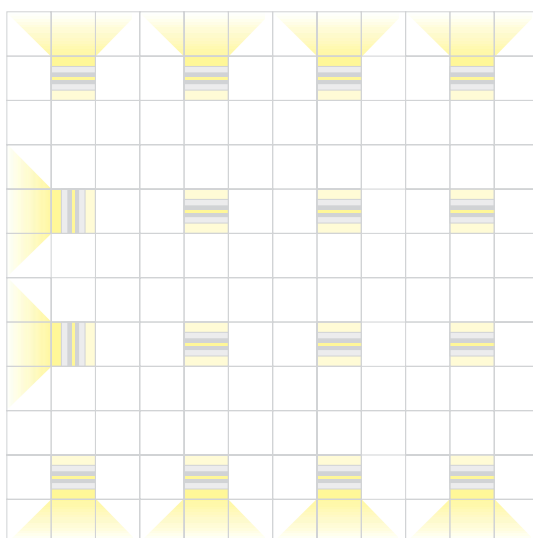


Cascade Accent Compass



Narrow Retail Unit

- Cascade Accent Wallwash combines ambient and wall illumination in a single luminaire
- Cascade Accent Compass provides additional display lighting whilst maintaining a clean ceiling pattern and reducing installed points



Classroom

- Cascade Accent Wallwash provides illumination to both desk and teaching wall surfaces
- Cascade Ambient provides supplementary illumination to the room centre and maintains visual harmony

cascade accent

Display: Modular multi-functional perimeter and accent luminaire

APPLICATION

- Ambient retail lighting
- Retail displays and perimeters
- Museums
- Art galleries
- Showrooms
- Receptions
- Exhibitions

SPECIFICATION

- Standard Cascade for ambient lighting – see recessed fluorescent page 127

- Accent options in 600 x 600mm modules:–

Wallwash

– An ambient louvred and coffered optic on the room side incorporating a MIRO 5 zero iridescent semi-specular louvre with a 1 x 55W TC-L lamp. Single gull wing and coffer and the same lamp in a linear asymmetric optic for wall washing

Orbit

– The same module is offered with a louvred and coffered optic as above on one side incorporating a 1 x 55W TC-L or 2 x 24W T5 lamps and twin 35W CDM-TC adjustable Orbit gimbal accent luminaires on the other

Compass

– A luminaire using 2 x 14W T5 lamps, each lamp illuminating coffers either side of a central raft incorporating 2 Compass Junior directional down-lighters each incorporating 35W CDM-TC lamps

- All are designed to rest above 15 and 25mm exposed T ceilings
- Fully flanged rolled body with end plates tightly jointed for a rigid construction, finished White RAL 9003
- High frequency gear as standard for T5/TC-L lamps
- Electronic gear for CDM lamps
- For more information on the accent products see Orbit page 49 or Compass Junior page 45
- All lamps supplied – 3000K



Cascade Accent Wallwash



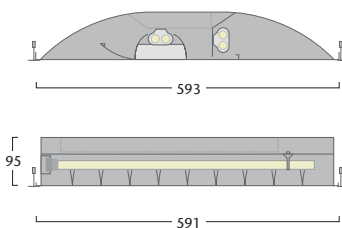
Cascade Accent Orbit



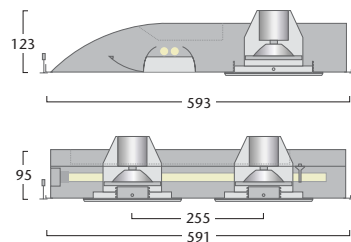
Cascade Accent Compass

DIMENSIONS

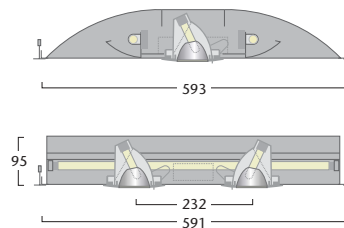
Cascade Accent Wallwash



Cascade Accent Orbit



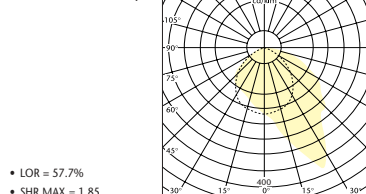
Cascade Accent Compass



PHOTOMETRY

CASCADE ACCENT - Wallwash

LOUVRED/ASYMMETRIC
2 x 55W TC-L Lamps



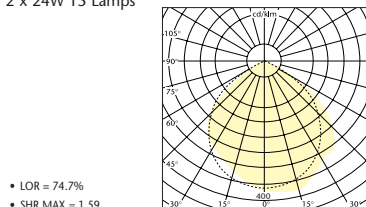
- LOR = 57.7%
- SHR MAX = 1.85

UTILISATION FACTORS UF(F)		SHR NOM=1.75									
Room Reflectance		Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.32	0.39	0.43	0.46	0.51	0.54	0.56	0.58	0.60
0.50	0.30	0.20	0.27	0.33	0.38	0.41	0.46	0.49	0.51	0.54	0.56
0.00	0.00	0.00	0.23	0.28	0.33	0.36	0.40	0.43	0.46	0.48	0.50

Note: Complete luminaire photometry

CASCADE ACCENT - Orbit

LOUVRED
2 x 24W T5 Lamps



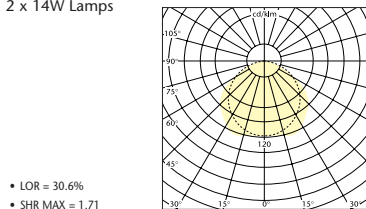
- LOR = 74.7%
- SHR MAX = 1.59

UTILISATION FACTORS UF(F)		SHR NOM=1.50									
Room Reflectance		Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.53	0.60	0.64	0.68	0.72	0.75	0.77	0.79	0.81
0.50	0.30	0.20	0.48	0.54	0.59	0.63	0.67	0.70	0.72	0.74	0.76
0.00	0.00	0.00	0.44	0.49	0.54	0.57	0.61	0.64	0.65	0.68	0.69

Note: See ORBIT page 49 for accent performance

CASCADE ACCENT - Compass

DIFFUSED
2 x 14W Lamps



- LOR = 30.6%
- SHR MAX = 1.71

UTILISATION FACTORS UF(F)		SHR NOM=1.50									
Room Reflectance		Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.19	0.22	0.24	0.25	0.28	0.29	0.30	0.31	0.32
0.50	0.30	0.20	0.16	0.19	0.21	0.23	0.25	0.27	0.28	0.29	0.30
0.00	0.00	0.00	0.14	0.17	0.19	0.20	0.22	0.24	0.25	0.26	0.27

Note: See COMPASS JUNIOR page 45 for accent performance

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 14W T5	1200	20,000
1 x 24W T5	1750	20,000
1 x 55W TC-L	4800	12,000
1 x 35W CDM-TC	3300	12,000

ORDER CODES - CASCADE ACCENT

MODULAR MULTI FUNCTIONAL PERIMETER AND ACCENT LUMINAIRE

HIGH FREQUENCY STANDARD	DESCRIPTION
CSDAAW155155	1 x 55W TC-L in a symmetrical louvred optic and a 1 x 55W TC-L linear asymmetric wall washer
CSDAGW224235	2 x 24W TC-L in a symmetrical louvred optic on one side of the luminaire and 2 x 35W CDM-TC Orbit Gimbal luminaires mounted the other side for accent lighting
CSDAGW155235	1 x 55W TC-L in a symmetrical louvred optic on one side of the luminaire and 2 x 35W CDM-TC Orbit Gimbal luminaires mounted the other side for accent lighting
CSDAC214235	2 x 35W CDM-TC Compass Junior luminaires mounted in a central raft with the side coffers illuminated by 2 x 14W T5 lamps

Note: All products supplied with lamps

To specify state as applicable

2 x 55W TC-L Symmetric/Asymmetric Wallwasher

Recessed modular multi-functional perimeter and accent luminaire to aesthetically complement Cascade ambient luminaires. The luminaire is to incorporate a 1 x 55W TC-L lamp in a MIRO 5 louvred optic one side and the same lamp in an asymmetric optic on the other. Fully flanged and jointed rigid body finished White to RAL 9003 – as Whitecroft Lighting CASCADE ACCENT WALLWASH

1 x 55W or 2 x 24W T5 and 2 x 35W CDM-TC Orbit

Recessed modular multi-functional perimeter and accent luminaire to aesthetically complement Cascade ambient luminaires. The luminaire is to consist of coffers each side of a central raft each lit by 1 x 14W T5 lamps, the raft containing 2 x 35W CDM-TC adjustable Compass Junior luminaires. Fully flanged and jointed rigid body finished White to RAL 9003 – as Whitecroft Lighting CASCADE ACCENT ORBIT

2 x 14W T5 and 2 x 35W CDM-TC Compass Junior

Recessed modular multi-functional perimeter and accent luminaire to aesthetically complement Cascade ambient luminaires. The luminaire is to consist of coffers each side of a central raft each lit by 1 x 14W T5 lamps, the raft containing 2 x 35W CDM-TC adjustable Compass Junior luminaires. Fully flanged and jointed rigid body finished White to RAL 9003 – as Whitecroft Lighting CASCADE ACCENT COMPASS