



Optics

- Integral Definable Light Output (DLO) functionality that pre-programs a specified light output for energy saving and customisation
- Three optic configurations:
 - Central Hexaprism for feature aesthetic and visual differentiation
 - Full Hexaprism for optimum uniformity and glare control
 - Quadraprism for all round glare control
- Light Outputs:
 - Central Hexaprism - 3500 lumens
 - Full Hexaprism - 3000 or 4000 lumens
 - Quadraprism - 3000 or 4000 lumens
- Emergency Output (BLF):
 - Central Hexaprism - 300 Lumens
 - Full Hexaprism - 200 Lumens
 - Quadraprism - 200 Lumens
- All outputs are less than 3000 cd/m2 at 65° elevation
- Available with 3000K and 4000K LED
- Full and Central Hexaprism optics have E-light LED as standard for increased luminous efficacy (ll/cw) and reduced through life costs

Body

- Fabricated steel body with extruded aluminium frame finished white
- RAL Colour: White RAL9010.
- IP40
- Optional air handling facility at 40 litres per second
- DALI as standard
- Integral COMECS emergency available
- Emergency variants are supplied with a NiCd battery
- Suitable to replace an SAS330 tile with gasket (1194mm x 297mm). Gasket available from ceiling manufacturer
- The following sizes can be used to guide what can be supplied:
 - 1200mm x 300mm (Nominal):
 - 1199mm x 299mm
 - 1194mm x 297mm
 - 1176mm x 297mm
 - 1400mm x 300mm (Nominal):
 - 1393mm x 297mm
 - 1399mm x 299mm
 - 1500mm x 300mm (Nominal):
 - 1499mm x 299mm
 - 1484mm x 297mm
 - 1500mm x 600mm (Nominal)
 - 1500mm x 900mm (Nominal)
- Can be manufactured to suit gasketed and non-gasketed ceilings

Note: Central Hexaprism luminaires are supplied with GST 18/6 black/blue panel mount plug and socket. For alternative configurations including Command Fast Link, consult Whitecroft Technical Desk.

Note: All DALI variants require 1 DALI address per driver. COMECS variants will require an additional DALI address.

Note: If the size you require isn't listed, please speak to your local Sales Engineer for further information.

Note: All variants of this product are bespoke and as such, may require additional lead time for supply

Major Project Solutions

This product has been designed for use in major projects and as such is subject to minimum order quantities. For more information please consult your local Sales Engineer

Order codes

Central Hexaprism

| B50 | | | | | |
|---------------------------|-------------|-------|-------|-------|-----|
| Central Hexaprism (4000K) | DALI | LL/CW | L70 | L80 | L90 |
| 3500lm (23W) - e-light | CLCEY3/SRF1 | 153 | >100k | >100k | 51k |

Full Hexaprism

| B50 | | | | | |
|------------------------|-------------|-------|-------|-------|-----|
| Full Hexaprism (4000K) | DALI | LL/CW | L70 | L80 | L90 |
| 3000lm (24W) - e-light | CLFEY3/SRF1 | 126 | >100k | >100k | 51k |
| 4000lm (32W) - e-light | CLFEY5/SRF1 | 125 | >100k | >100k | 51k |

Quadraprism

| B50 | | | | | |
|---------------------|------------|-------|-------|-------|-----|
| Quadraprism (4000K) | DALI | LL/CW | L70 | L80 | L90 |
| 3000lm (26W) | CLQY3/SRF1 | 114 | >100k | >100k | 51k |
| 4000lm (36W) | CLQY5/SRF1 | 111 | >100k | >100k | 51k |

Options

| | | |
|--|----------------------|--------------------|
| | | |
| | | |
| AIR HANDLING | Add A after Y | i.e CLCEYA1/SRF1 |
| COMEPS | Add /EP before /SRF1 | i.e CLCEY1/EP/SRF1 |
| For 3000K colour temperature, please contact Whitecroft. | | |

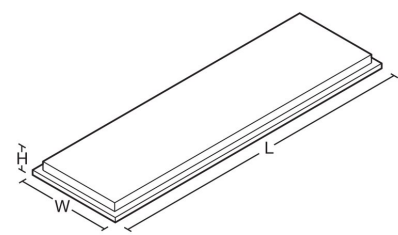
Accessories

| | |
|--------------------|-------------|
| | |
| | |
| Plasterboard Frame | CLFPBF/SRF1 |

LED Performance

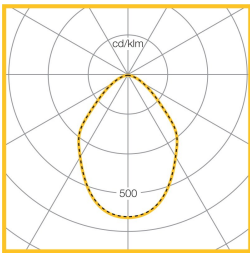
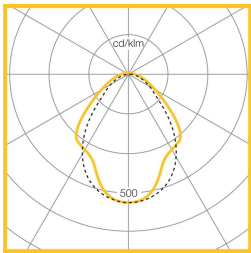
| Colour Temp | RA (CRI) | Colour consistency |
|-------------|----------|--------------------|
| 4000K | >80 | MacAdam 3 SDCM |

Dimensions



| VERSION | L | W | W1 | H | H1 | KG | KG(EM) | Cut Aperture |
|--------------------|------|-----|-----|----|----|-----|--------|--------------|
| Central Hexaprism | 1194 | 297 | | 60 | | 5 | 5.5 | |
| Full Hexaprism | 1194 | 297 | | 60 | 88 | 5.1 | 6.0 | |
| Quadraprism | 1194 | 297 | | 60 | 88 | 5.1 | 6.0 | |
| Plasterboard Frame | 1260 | 360 | 101 | | | 3.0 | | 1240 x 332 |

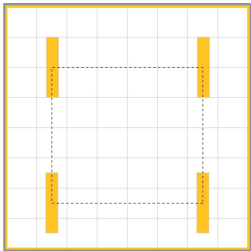
Photometric Performance



Central Hexaprism
23W LED 3500
Lumen
LOR = 100.0%
SHR MAX = 1.38

Full Hexaprism
32W LED 4000
Lumen
LOR = 100.0%
SHR MAX = 1.36

Performance Guide



| | |
|----------------|-------------|
| Lamps | 32W LED |
| Illuminance | 443 lux |
| Spacing | 2.7m x 3.0m |
| Maintenance | 0.8 |
| Reflectance | 70/50/20 |
| Ceiling Height | 2.7m |
| Working plane | 0.75m |

To Specify

Recessed linear tile replacement 1200x300mm LED luminaire with optional air return facility. Three prism optic configurations; Central feature Hexaprism for aesthetic differentiation, Full Hexaprism for optimum uniformity or Quadraprism for all round glare control. Integral DLO functionality for specified light outputs – as Whitecroft Lighting CITYLINE.
