

Cityline

Recessed tile replacement linear luminaire



Non Air Handling, Full Hexaprisms



Full Hexaprisms



Non Air Handling

Optics

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

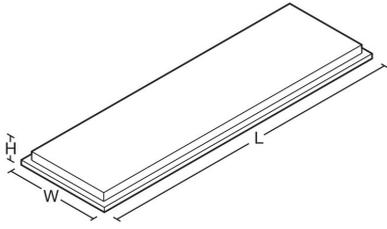
Accessories

Plasterboard Frame	CLFPBF/SRF1

LED Performance

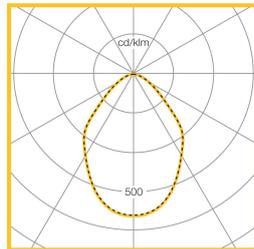
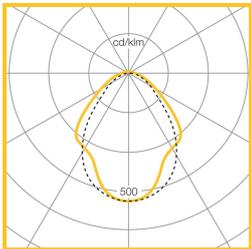
Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

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

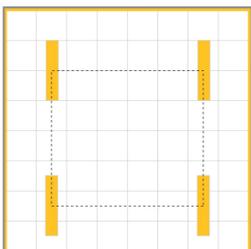
Photometric Performance



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.
