

cityline

major project solution

recessed tile replacement
linear LED luminaire



Central Hexaprism

Optics

- Integral Definable Light Output (DLO) functionality that pre-programs a specified light output for energy saving and customisation
- Two Hexaprism optic configurations:
 - Central Hexaprism for feature aesthetic and visual differentiation
 - Full Hexaprism for optimum uniformity and glare control
- Light Output Range:
 - Central Hexaprism; 2700 – 4600 lumens
 - Full Hexaprism; 1900 – 4000 lumens
- All outputs are less than 3000 cd/m² at 65° elevation
- 4000K 'cool' white LEDs

Body

- Fabricated steel body with extruded aluminium frame finished white
- Suitable for tile replacement in SAS 330 ceilings
- IP40
- Optional air handling facility at 30 litres per second
- DALI as standard
- Integral COMECS emergency available

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



Full Hexaprism



Non-Air Handling

Order Codes

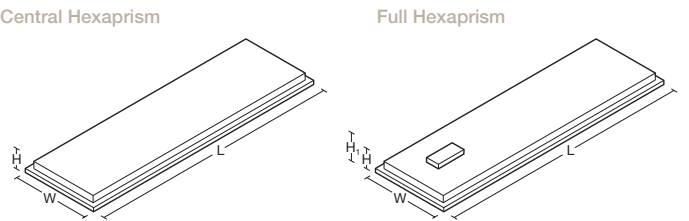
Central Hexaprisim	DALI	COMEPS
2700lm (23W)	CLCY1/SRF1	CLCY1/EP/SRF1
3000lm (24W)	CLCY2/SRF1	CLCY2/EP/SRF1
3500lm (30W)	CLCY3/SRF1	CLCY3/EP/SRF1
4000lm (35W)	CLCY4/SRF1	CLCY4/EP/SRF1
4600lm (45W)	CLCY5/SRF1	CLCY5/EP/SRF1

Full Hexaprisim	DALI	COMEPS
1900lm (18W)	CLFY1/SRF1	CLFY1/EP/SRF1
2500lm (23W)	CLFY2/SRF1	CLFY2/EP/SRF1
3000lm (28W)	CLFY3/SRF1	CLFY3/EP/SRF1
3500lm (33W)	CLFY4/SRF1	CLFY4/EP/SRF1
4000lm (38W)	CLFY5/SRF1	CLFY5/EP/SRF1

Options

AIR HANDLING	Add A after Y	i.e. CLFYA5/SRF1
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Dimensions



Version	L	W	H	H ₁ *	KG	KG/m²
Central Hexaprisim	1194	297	60	-	5.0	5.5
Full Hexaprisim	1194	297	60	88	5.1	6.0

* Height with remote driver

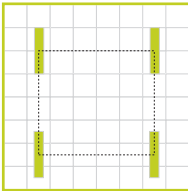
Ceiling Integration

Refer to common ceiling compatibility matrix – See Whitecroft website

SAS – 330 tile replacement (3mm gasketed)

Performance Guide

Lamps	Illuminance	Spacing
45W LED	522 lux	2.7m x 3.0m



Maintenance: 0.8
Reflectance: 70/50/20
Ceiling Height: 2.7m
Working Plane: 0.75m

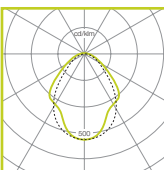
LED Performance

Version	Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
Central Hexaprisim	4000K	≥ 80	L ₈₀ (50,000hrs)	MacAdam 3 SDCM
Full Hexaprisim	4000K	≥ 80	L ₇₀ (50,000hrs)	MacAdam 3.5 SDCM

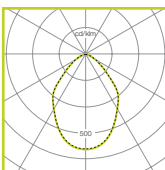
Major Project Solutions

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.

Photometric Performance



Central Hexaprisim
45W LED
4600 lumens
• LOR = 100%
• SHR MAX = 1.38



Full Hexaprisim
38W LED
4000 lumens
• LOR = 100%
• SHR MAX = 1.36

Utilisation Factors UF(F)

Room Reflectance		Room Index	
C	W	F	
1.00	3.00	5.00	
0.70	0.50	0.20	0.75 0.99 1.06

Utilisation Factors UF(F)

Room Reflectance		Room Index	
C	W	F	
1.00	3.00	5.00	
0.70	0.50	0.20	0.79 1.00 1.06

To Specify

Recessed linear tile replacement 1200x300mm LED luminaire with optional air return facility. Two Hexaprisim optic configurations; central feature Hexaprisim for aesthetic differentiation and full Hexaprisim for optimum uniformity. Integral DLO functionality for specified light outputs – as Whitecroft Lighting CITYLINE.