



Optics

- Low Output (less than 3000 cd/m² at 65° elevation)
 - 1200mm, 2500 lumens (26W)
 - 1500mm, 3300 lumens (32W)
 - 1800mm, 4150 lumens (39W)
- High Output
 - 1200mm, 5300 lumens (60W)
 - 1500mm, 7300 lumens (82W)
 - 1800mm, 9500 lumens (105W)
- High and low outputs should not be mixed in any continuous run
- 60% downlight and 40% uplight distribution ratio
- Hexaprism optic for glare control and optimum optical diffusion
- 4000K 'cool' white LEDs

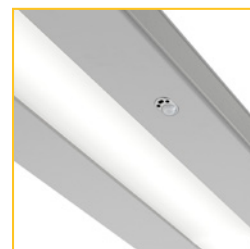
Body

- Slim aluminium body finished in silver or white
- Luminaires available in three nominal lengths in low or high output
- Additional special colours available on request (contact Whitecroft Technical Desk)
- For stand alone or continuous installation
- Continuous mounting bracket supplied with each Start/End or Mid luminaire
- Through wiring as standard on continuous luminaires
- Mounting using architectural wire suspension kit with slim rose detail (up to 3m drop) Available blank or with openings for bringing power in
- Optional integral Command 4 detector mounted centrally into the body for stand alone luminaires, see main catalogue page 307
- Optional integral COMD1 detector mounted centrally into the body for Start/End or Mid luminaires. See main catalogue page 274
- Die cast aluminium end caps are supplied separately for a continuous system. For stand alone luminaires, two end caps are supplied
- 600mm infill available (Start/End row luminaires must be used in continuous run with infills)
- Choice of 3hr Emergency or COMECS emergency options (COMECS can be wired as Easytest if required)

Note: Integral detectors require commissioning. Please contact Whitecroft Technical Desk



Infill panel



Integral detector



Suspension kit



Uplight feature

Order Codes

Low Output

Start/End Row***	DALI	3 hr Emergency
1200mm, 2500 lumens, 26W	BYSTY121S	BYSTY121SEM
1500mm, 3300 lumens, 32W	BYSTY151S	BYSTY151SEM
1800mm, 4150 lumens, 39W	BYSTY181S	BYSTY181SEM

Mid Row (without infills)

	DALI	3 hr Emergency
1200mm, 2500 lumens, 26W	BYMDY121S	BYMDY121SEM
1500mm, 3300 lumens, 32W	BYMDY151S	BYMDY151SEM
1800mm, 4150 lumens, 39W	BYMDY181S	BYMDY181SEM

Stand Alone

	DALI	3 hr Emergency
1200mm, 2500 lumens, 26W	BYSAY121S	BYSAY121SEM
1500mm, 3300 lumens, 32W	BYSAY151S	BYSAY151SEM
1800mm, 4150 lumens, 39W	BYSAY181S	BYSAY181SEM

High Output

Start/End Row***	DALI	3 hr Emergency
1200mm, 5300 lumens, 60W	BYSTY122S	BYSTY122SEM
1500mm, 7300 lumens, 82W	BYSTY152S	BYSTY152SEM
1800mm, 9500 lumens, 105W	BYSTY182S	BYSTY182SEM

Mid Row (without infills)

	DALI	3 hr Emergency
1200mm, 5300 lumens, 60W	BYMDY122S	BYMDY122SEM
1500mm, 7300 lumens, 82W	BYMDY152S	BYMDY152SEM
1800mm, 9500 lumens, 105W	BYMDY182S	BYMDY182SEM

Stand Alone

	DALI	3 hr Emergency
1200mm, 5300 lumens, 60W	BYSAY122S	BYSAY122SEM
1500mm, 7300 lumens, 82W	BYSAY152S	BYSAY152SEM
1800mm, 9500 lumens, 105W	BYSAY182S	BYSAY182SEM

Accessories

End caps (pair) only required for continuous system	BYECS
Wire suspension rose kit for power supply*	BYSUSKITSP
Wire suspension rose kit**	BYSUSKITS
600mm infill***	BYINF600S

Options

COMEPS	Add suffix /EP	i.e. BYSTY121S/EP
COM4 (Stand Alone)	Add Q4 before Y	i.e. BYSAQ4Y121S
COMD1 (Continuous)	Add Q1 before Y	i.e. BYSTQ1Y121S
WHITE FINISH	Replace S with W	i.e. BYSTY121W

*One required per start of continuous run or Stand Alone luminaire. To be located at one end for power to be fed through.

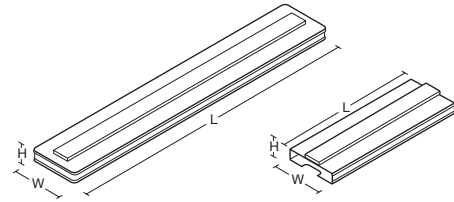
**Two suspension kits required per luminaire. 600mm infills do not require a suspension kit.

***When using infills in a continuous run, Start/End row luminaires must be used throughout

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L ₈₀ (50,000hrs)	MacAdam 3 SDCM

Dimensions

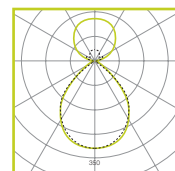


Version	L	W	H	KG	KG
Start/End or Mid Row, 1200mm	1124	200	51	5.4	6.0
Start/End or Mid Row, 1500mm	1406	200	51	6.8	7.4
Start/End or Mid Row, 1800mm	1686	200	51	8.1	8.7
Stand Alone, 1200mm	1214	200	51	5.8	6.4
Stand Alone, 1500mm	1496	200	51	7.2	7.8
Stand Alone, 1800mm	1776	200	51	8.5	9.1
Infill	600	200	51	2.3	-

Note: Stand Alone luminaire lengths include 2 end caps at 45mm each.

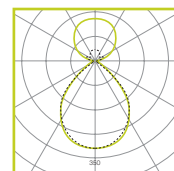
Photometric Performance

Stand Alone, High Output 1200mm



60W LED
5300 lumens
• LOR = 100%
• SHR MAX = 1.50

Stand Alone, Low Output 1200mm



26W LED
2500 lumens
• LOR = 100%
• SHR MAX = 1.50

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.66 0.87 0.92

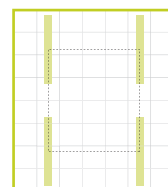
Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.66 1.87 0.92

Performance Guide

1800mm, Low Output Stand Alone

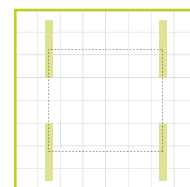
Lamps	Illuminance	Spacing
39W LED	503 lux	2.4m x 2.7m



Maintenance: 0.8
Reflectance: 70/50/20
Ceiling Height: 3.3m
Mounting Height: 2.7m
Working Plane: 0.8m

1500mm, Low Output Stand Alone

Lamps	Illuminance	Spacing
32W LED	317 lux	3.0m x 2.7m



Maintenance: 0.8
Reflectance: 70/50/20
Ceiling Height: 3.3m
Mounting Height: 2.7m
Working Plane: 0.8m

To Specify

Suspended architectural LED luminaire with direct: indirect lighting ratio of 60:40. Advanced Hexaprism optic providing glare control and maximum diffusion. For continuous or stand alone configuration. Luminaires can be connected continually without infills for a seamless aesthetic – as Whitecroft Lighting BAYON.