



Integral detector

Optics

- 4000K 'cool' white LEDs
- Ra80 colour rendering index
- Suitable for mounting heights between 4m and 8m

Aerial LED

- DALI as standard
- Hexaprism diffuser for all round glare control, maximum diffusion and high efficiency
- Output Options
 - 8800 lumens (75W)
 - 17,700 lumens (149W)
 - 26,800 lumens (223W)

Aerial Logistic

- 15° beam angle lens mounted behind clear optic for elliptical luminance specifically designed for warehouse lighting
- Output Options
 - 16,400 lumens (134W)

Aerial Sport

- DALI as standard
- Polycarbonate hexaprism diffuser for IK10 impact resistance and optimum glare control
- Output Options
 - 24,700 lumens (228W)

Body

- Aluminium body finished white
- 4 suspension points for wire or chain suspension (supplied separately)
- Wire suspension kit with up to 6m drop
- On Aerial Sport, LED light engines are separately switched to vary lighting levels
- Choice of integral emergency options; standard 3 hr, Easytest or COMECS
- Alternative mounting kit available for surface, trunking, chain or drop rod mounting (supplied separately)*
- Optional integral Command 8 high sensitivity PIR programmable detector available mounted in a plate at the end of the centre optic**

* Not for use with 8800 lumen product

** Programming handset required (supplied separately)

aerial LED

Order Codes

Aerial LED	DALI	3 hr Emergency
8800 lumen, 75W	AELMY14K	AELMY14KEM
17,700 lumen, 149W	AELMY24K	AELMY24KEM
26,800 lumen, 223W	AELMY34K	AELMY34KEM

Aerial Logistic	Fixed Output	3 hr Emergency
16,400 lumen, 134W	AELBH14K	AELBH14KEM

Aerial Sport	DALI	3 hr Emergency
24,700 lumen, 228W	AESLY14K	AESLY14KEM

Accessories

Suspension kit	AERSK1
Alternative mounting kit*	AERLTRU
COM8 programming handset**	COM8HP

Options

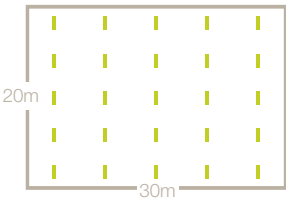
DALI DIMMING	Replace H with Y	i.e. AELBY14K
EASYTEST	Add suffix /ET	i.e. AELMY14K/ET
COMEPS	Add suffix /EP	i.e. AELMY14K/EP
INTEGRAL DETECTOR	Add Q8 before H or Y	i.e. AELMQ8Y14K

* Not for use with 8800 lumen product
** Programming handset must be used with integral detector product to enable commissioning

Performance Guide

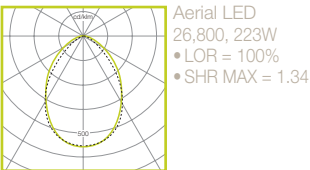
Aerial LED		
Lamps	Illuminance	Spacing
26,800 lumen	900 lux	6.0m x 4.0m

No. of luminaires: 25



Reflectance:	Maintenance:
70/50/20	0.8
Mounting Height:	Spacing:
6m	6m x 4m

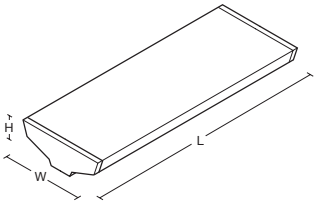
Photometric Performance



Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.78	1.00	1.06

Dimensions



Version	L	W	H	KG	KG ^{m2}
Aerial LED 8800 lm	486	354	113	5	6
Aerial LED 17,700 lm	952	354	113	9.5	10.5
Aerial LED 26,800 lm	1418	354	113	14	15
Aerial Logistic 16,400 lm	1418	354	113	14	15
Aerial Sport 24,700 lm	1418	354	113	14	15

Equivalent Lamp Types

8800 Lumen Output

T5 lamp	2 x 80W
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16,400/17,700 Lumen Output

T5 lamp	4 x 80W
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24,700 Lumen Output

TC-L lamp	6 x 55W
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26,800 Lumen Output

T5 lamp	6 x 80W
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LED Performance

Version	Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
Aerial LED/Sport	4000K	≥ 80	L ₈₀ (100,000hrs)	MacAdam 3 SDCM
Aerial Logistic	4000K	≥ 80	L ₈₀ (50,000hrs)	MacAdam 3 SDCM

To Specify

Aerial LED

Suspended LED medium or high output luminaire with hexaprism optic. Suitable for low or high bay application. Four suspension points for wire or chain suspension – as Whitecroft Lighting AERIAL LED.

Aerial Logistic

Suspended LED warehouse high or low bay luminaire with 15° beam elliptical distribution lens mounted behind clear optic. Four suspension points for wire or chain suspension – as Whitecroft Lighting AERIAL LOGISTIC.

Aerial Sport

Suspended LED sports hall high output high bay luminaire with impact resistant polycarbonate hexaprism optic. Operation in ambient temperatures up to 35°C. Four suspension points for wire or chain suspension – as Whitecroft Lighting AERIAL SPORT.