



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
 - 8000 lumens (98W)
 - 16,000 lumens (196W)
 - 24,000 lumens (294W)

Aerial Logistic

- 15° beam angle lens mounted behind clear optic for elliptical luminance specifically designed for warehouse lighting
- Output Options
 - 15,000 lumens (160W)

Aerial Sport

- DALI as standard
- Polycarbonate hexaprism diffuser for impact resistance and optimum glare control
- Output Options
 - 22,000 lumens (294W)

Body

- Aluminium body finished white
- 4 suspension points for wire or chain suspension (supplied separately)
- Wire suspension kit with up to 3m 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 7 high sensitivity PIR detector available mounted in a plate at the end of the centre optic

* Not for use with 8000 lumen product

aerial LED

Order Codes

Aerial LED	DALI	3 hr Emergency
8000 lumen, 98W	AELMY14K	AELMY14KEM
16,000 lumen, 196W	AELMY24K	AELMY24KEM
24,000 lumen, 294W	AELMY34K	AELMY34KEM

Aerial Logistic	Fixed Output	3 hr Emergency
15,000 lumen, 160W	AELBH14K	AELBH14KEM

Aerial Sport	DALI	3 hr Emergency
22,000 lumen, 294W	AESLY14K	AESLY14KEM

Accessories

Suspension kit	AERSK1
Alternative mounting kit*	AERLTRU

Options

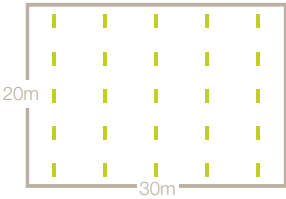
DALI DIMMING	Replace H with Y	i.e. AELBY14K
EASYTEST	Add suffix /ET	i.e. AELMY14K/ET
COMEPS	Add suffix /EP	i.e. AELMY14K/EP
INTEGRAL DETECTOR	Add Q7 before H or Y	i.e. AELMQ7Y14K

* Not for use with 8000 lumen product

Performance Guide

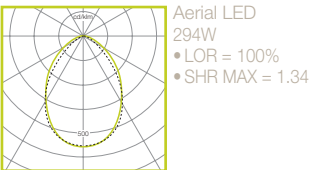
Aerial LED		
Lamps	Illuminance	Spacing
24,000 lumen	900 lux	6.0m x 4.0m

No. of luminaires: 25



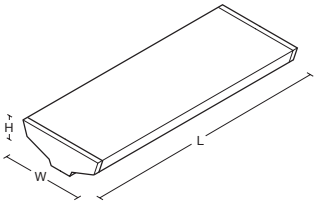
Reflectance:	Maintenance:
70/50/20	0.8
Mounting Height:	Spacing:
6m	6m x 4m

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 8000 lm	486	354	113	5	6
Aerial LED 16,000 lm	952	354	113	9.5	10.5
Aerial LED 24,000 lm	1418	354	113	14	15
Aerial Logistic 15,000 lm	1418	354	113	14	15
Aerial Sport 22,000 lm	1418	354	113	14	15

Equivalent Lamp Types

8000 Lumen Output	
T5 lamp	2 x 80W

15,000/16,000 Lumen Output	
T5 lamp	4 x 80W

22,000 Lumen Output	
TC-L lamp	6 x 55W

24,000 Lumen Output	
T5 lamp	6 x 80W

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L ₇₀ (50,000hrs)	MacAdam 5 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.