

aerial LED

suspended LED high or low bay luminaire



Integral Command 8 detector

Optics

- 4000K 'cool' white LEDs
- Ra80 colour rendering index

Aerial LED

- DALI as standard
- Quadraprism diffuser for all round glare control, maximum diffusion and high efficiency
- Output:
 - 36,603 lumens (289W)
- Recommended for mounting heights between 10m and 20m

Aerial Sport

- DALI as standard
- Polycarbonate hexaprism diffuser for IK10 impact resistance and optimum glare control
- Output:
 - 24,600 lumens (220W)
- Recommended for mounting heights between 4m and 12m

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 for Aerial Sport; 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*
- Light chamber and front face IP40, gear chamber and rear face IP20
- Aerial LED ambient operating temperature range:
 - -20°C up to 40°C
- Aerial Sport ambient operating temperature range:
 - Standard: -20°C up to 35°C
 - Emergency: 0°C up to 35°C

* Programming handset required (supplied separately)

** Not available with Aerial LED

aerial LED

Order Codes

Aerial LED	DALI	
36,603 lumen, 289W	AELMY44K	
Aerial Sport	DALI	3 hr Emergency
24,600 lumen, 220W	AESLY14K	AESLY14KEM
Accessories		
Suspension kit		AERSK1
Alternative mounting kit		AERLTRU
COM8 programming handset*		COM8HP

Options

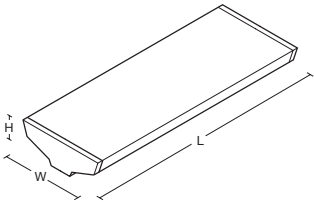
EASYTEST**	Add suffix /ET	i.e. AESLMY14K/ET
COMEPS**	Add suffix /EP	i.e. AESLMY14K/EP
INTEGRAL DETECTOR***	Add Q8 before Y	i.e. AELMQ8Y44K

* Programming handest must be used with integral detector product to enable commissioning

** Not available on 36,000 lumen Aerial LED

*** When using COM8 with 36,000 lumen Aerial LED, maximum ambient temperature is 30°C

Dimensions

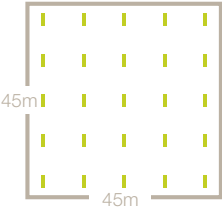


Version	L	W	H	KG	KG ^{m2}
Aerial LED	1418	354	113	14	-
Aerial Sport	1418	354	113	14	15

Performance Guide

Aerial LED		
Lamps	Illuminance	Spacing
36,603 lumen	300 lux	9.0m x 9.0m

No. of luminaires: 25

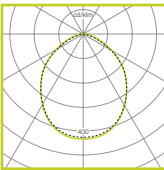


Reflectance:	Maintenance:
70/50/20	0.8
Mounting Height:	Spacing:
15m	9.0m x 9.0m

LED Performance

Version	Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
Aerial Sport	4000K	≥ 80	L ₇₅ (100,000hrs)	MacAdam 3 SDCM
Aerial LED	4000K	≥ 80	L ₇₀ (100,000hrs)	MacAdam 3 SDCM

Photometric Performance



Aerial LED
36,603, 289W
• LOR = 100%
• SHR MAX = 1.52

Utilisation Factors UF(F)

Room Reflectance	Room Index			
C	W	F	1.00	3.00
0.70	0.50	0.20	0.73	0.98

To Specify

Aerial LED
Suspended LED high output luminaire with quadraprism optic. Suitable for low or high bay application. Four suspension points – as Whitecroft Lighting AERIAL LED.

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 – as Whitecroft Lighting AERIAL SPORT.