



Integral Command 8 detector

Optics

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

Aerial LED

- DALI as standard
- Hexaprism diffuser for all round glare control, maximum diffusion and high efficiency
- Output Options
 - 8900 lumens (74W)
 - 17,300 lumens (140W)
 - 27,600 lumens (210W)
 - 36,000 lumens (286W)

Aerial Sport

- DALI as standard
- Polycarbonate hexaprism diffuser for IK10 impact resistance and optimum glare control
- Output Options
 - 24,600 lumens (220W)

Body

- Aluminium body finished white
- 4 suspension points for wire or chain suspension (supplied separately)
- Wire suspension kit with up to 6m drop
- Recommended for mounting heights between 4m and 12m
- On Aerial Sport, LED light engines are separately switched to vary lighting levels
- Choice of integral emergency options; standard 3 hr, Easytest or COMEPS***
- 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
- Ambient operating temperature range:
 - Standard: -20°C up to 35°C
 - Emergency: 0°C up to 35°C

* Not for use with 8800 lumen product

** Programming handset required (supplied separately)

*** Not available on 36,000 lumen product

aerial LED

Order Codes

Aerial LED	DALI	3 hr Emergency
8900 lumen, 74W	AELMY14K	AELMY14KEM
17,300 lumen, 140W	AELMY24K	AELMY24KEM
27,600 lumen, 210W	AELMY34K	AELMY34KEM
36,000 lumen, 286W	AELMY44K	—

Aerial Sport	DALI	3 hr Emergency
24,600 lumen, 220W	AESLY14K	AESLY14KEM

Accessories

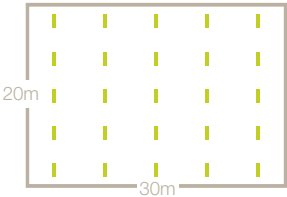
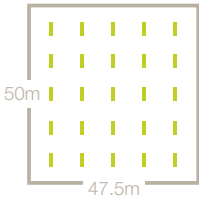
Suspension kit	AERSK1
Alternative mounting kit*	AERLTRU
COM8 programming handset**	COM8HP

Options

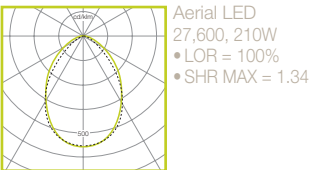
EASYTEST***	Add suffix /ET	i.e. AELMY14K/ET
COMEPS***	Add suffix /EP	i.e. AELMY14K/EP
INTEGRAL DETECTOR†	Add Q8 before Y	i.e. AELMQ8Y14K

* Not for use with 8900 lumen product
** Programming handset must be used with integral detector product to enable commissioning
*** Not available on 36,000 lumen product
† When using COM8 with 36,000 lumen product, maximum ambient temperature is 30°C

Performance Guide

Aerial LED	Aerial LED
Lamps Illuminance Spacing	Lamps Illuminance Spacing
27,600 lumen 900 lux 6.0m x 4.0m	36,000 lumen 312 lux 9.5m x 10m
No. of luminaires: 25	No. of luminaires: 25
	
Reflectance: 70/50/20	Reflectance: 70/50/20
Maintenance: 0.8	Maintenance: 0.8
Mounting Height: 6m	Mounting Height: 15m
Spacing: 6m x 4m	Spacing: 9.5m x 10m

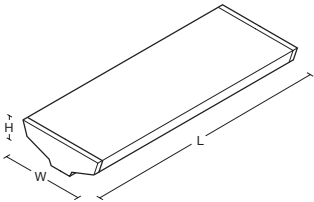
Photometric Performance



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 ^{EM}
Aerial LED 8900 lm	486	354	113	5	6
Aerial LED 17,300 lm	952	354	113	9.5	10.5
Aerial LED 27,600/36,000 lm	1418	354	113	14	15
Aerial Sport 24,600 lm	1418	354	113	14	15

Equivalent Lamp Types

8900 Lumen Output
T5 lamp 2 x 80W

24,600 Lumen Output
TC-L lamp 6 x 55W

27,600 Lumen Output
T5 lamp 6 x 80W

LED Performance

Version	Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
Aerial LED/Sport	4000K	≥ 80	L ₇₅ (100,000hrs)	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 – 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.