

aerial LED twin

suspended twin cell LED
high or low bay luminaire



Optics

- Output options;
 - Aerial LED Twin: 25,700 lumens (191W)
 - Aerial LED Twin Base Opal: 22,200 lumens (178W)
 - Aerial LED Twin Base: 21,700 lumens (178W)
- Twin cell luminaire with two specially designed optics;
 - Hexaprism optic for all round glare control and uniformity
 - Micro polymer opal diffuser for excellent light diffusion
- 4000K 'cool' white LEDs
- Ra80 colour rendering index
- Recommended for mounting heights between 4m and 10m

Body

- Two product options;
 - Aerial LED Twin: with a Hexaprism optic, the luminaire has an output of 25,700 lumens with a 100,000 hour lifespan, as well as emergency and integral detector options
 - Aerial LED Twin Base: available with opal or Hexaprism optics, the luminaire has outputs up to 22,200 lumens with a 50,000 hour lifespan
- DALI as standard
- Aluminium body, finished white
- 4 suspension points
- Wire suspension kit with up to 6m drop (supplied separately)
- Alternative mounting kit available for surface, trunking, chain or drop rod mounting (supplied separately; chains and drop rods not included)
- Optional integral Command 8 high sensitivity PIR programmable detector with photocell available mounted in centre of product*
- 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

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Order Codes

Aerial LED Twin	DALI	3hr Emergency
Hexaprism optic		
25,700 lumens (191W)	AETMY14K	AETMY14KEM

Aerial LED Twin Base	DALI	3hr Emergency
Opal micro polymer		
22,200 lumens (178W)	AETBAY14K	AETBAY14KEM
Hexaprism		
21,700 lumens (178W)	AETBMY14K	AETBMY14KEM

Accessories

WIRE SUSPENSION KIT	AERSK1
ALTERNATIVE MOUNTING KIT	AETMTRU
COM8 PROGRAMMING HANDSET	COM8HP

Options

INTEGRAL COM8*	Add Q8 Before Y	i.e. AETMQ8Y14K
EASYTEST**	Add suffix /ET	i.e. AETMY14K/ET
COMEPS**	Add suffix /EP	i.e. AETMY14K/EP

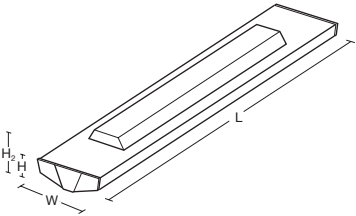
*Programming handset required (supplied separately). Not available on Aerial Twin LED Base products.

**Not available with Aerial Twin LED Base products.



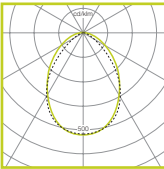
Integral Command 8 detector*

Dimensions

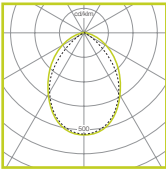


Version	L	W	H	H ₂	KG	KG ²
Aerial LED Twin	1418	281	87	127	12	13
Aerial LED Twin Base	1418	281	87	127	11	12

Photometric Performance



Aerial LED Twin
25,700, 191W
• LOR = 100%
• SHR MAX = 1.35



Aerial LED Twin Base
21,700, 178W
• LOR = 100%
• SHR MAX = 1.35

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.75	0.99	1.05

Utilisation Factors UF(F)

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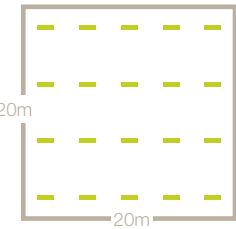
LED Performance

Version	Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
Aerial LED Twin	4000K	≥ 80	L ₇₅ (50,000hrs)	MacAdam 3 SDCM
Aerial LED Twin Base	4000K	≥ 80	L ₇₅ (100,000hrs)	MacAdam 3 SDCM

Performance Guide

Lamps	Illuminance	Spacing
191W LED	1040 lux	5.0m x 4.0m

No. of luminaires: 20



Reflectance: 70/50/20	Maintenance: 0.8
Mounting Height: 7m	Working Plane: 0.75m

To Specify

Aerial LED Twin

Suspended LED twin cell luminaire with Hexaprism optic. Suitable for low or high bay application, optional integral PIR detector. Four suspension points – as Whitecroft Lighting AERIAL LED TWIN.

Aerial LED Twin Base

Suspended LED twin cell luminaire with opal micro polymer or Hexaprism optic. Suitable for low or high bay application. Four suspension points – as Whitecroft Lighting AERIAL LED TWIN BASE.