Aerial Twin

Suspended twin cell high bay or low bay luminaire

Whitecroft lighting

140+ LL/CW | COM ✓ | ⊜ | 🔌 | IP40 | 🇬🇧

Command 9 Detector

Aerial Twin 486mm Version

Aerial Twin with Command 9

Overview

The Aerial range is the universal solution for any large area lighting project. Whether in Industry, Warehousing or Retail, Aerial LED delivers low energy, high comfort lighting with minimal through life maintenance.

Optics

- 8,962 to 33,464 lumens (70W to 252W)
- 4000K colour temperature
- Emergency Output (BLF) 619 lumens
- Optional integral emergency options of 3hr maintained, Easytest and COMEPS
- Recommended for mounting heights between 4m – 15m
- Available with e-light LED option for increased luminous efficacy (ll/cw) and reduced through life costs

Body

- 100,000 hour rated driver as standard
- Hexaprism diffuser
- Aluminium body, finished white RAL 9016
- Four luminaire suspension points, two installation points
- Wire suspension kit with up to 6m drop (supplied separately)
- Alternative mounting kit available for surface, trunking, chain or drop-rod mounting (kit supplied separately; chains and drop rods not included)
- Maximum ambient operating temperatures;
  - Standard +40°C
  - Emergency and 33,550 lumens +30°C
- IP40 from below and above
- DALI driver(s) as standard
- Command 9 integral wireless controls option:
  - Command 9 - end fixed IP65 occupancy and daylight regulating sensor with wireless grouping and control (requires 1 programming dongle for Android smart phone per project)
- Many other products are available in the Aerial range. Use search terms Aerial LED, Aerial Industry, Aerial Twin 65 and Aerial Sport on the Whitecroft website

Order codes

Aerial Twin

Aerial Twin DALI	Standard	3hr Emergency	LL/CW	B50		
				L70	L80	L90
486mm, 8962 lumen (70W)	ATMY1	ATMY1EM	129	>100k	96k	44k
952mm, 17275 lumen (123W)	ATMY2	ATMY2EM	141	>100k	96k	44k
1418mm, 24957 lumen (179W)	ATMY3	ATMY3EM	140	>100k	96k	44k
1418mm, 33464 lumen (252W)	ATMY4	ATMY4EM	133	>100k	60k	33k
952mm, 17300 lumen (116W) e-light*	ATMEY2	ATMEY2EM	150	>100k	>100K	51k
1418mm, 25000 lumen (173W) e-light*	ATMEY3	ATMEY3EM	144	>100k	>100K	51k

Note: Luminaire codes ATMY3 and ATMY4 have 2 drivers and require 2 DALI addresses.
* High efficacy e-light available across the Aerial Twin range, see options below for order codes on other outputs

Accessories

WIRE SUSPENSION KIT (up to 6m drop)	AERSK1
ALTERNATIVE MOUNTING KIT	AETMTRU
COMMAND 9 SMART PHONE DONGLE**	COM9DG

Options

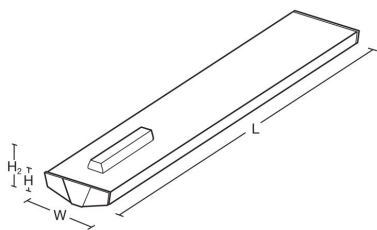|		
COMEPS	Add suffix EP	i.e ATMY1EP
HIGH EFFICACY e-light	Add E after ATM	i.e ATMEY1
COMMAND 9**	Change 'Y' to 'Q9WY'	i.e. ATMQ9WY1

** Command 9 requires 1 programming dongle for Android smart phone per project
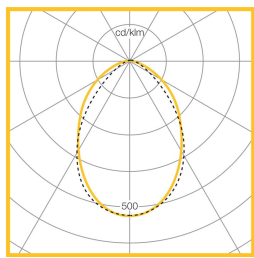
LED Performance

Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

Dimensions

| VERSION	L	W	H	H1	KG	KG(EM)
8962 lumen	486	281	87	130	4	5
17275 & 17300 lumen	952	281	87	130	7.5	8.5
24957 - 33557 lumen	1418	281	87	130	11	12
Command 9 - add to length	115					

Photometric Performance

4000K Aerial Twin
25,000 Lumen,
173W
LOR = 100.0%
SHR MAX = 1.31

Performance Guide
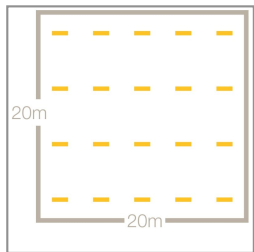
Lamps	4000K LED, 33.5 klm
Illuminance	1120 lux
Spacing	4.0m x 5.0m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	7.0m
Working plane	0.8m
Suspension	0m
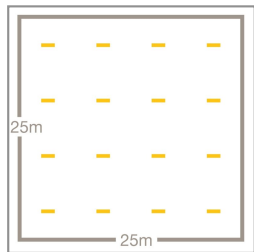
Lamps	4000K LED, 33.5 klm
Illuminance	552 lux
Spacing	6.25 x 6.25m
Maintenance	0.8
Reflectance	50/30/20%
Ceiling Height	8m
Working plane	0.8m
Suspension	0m

To Specify

Aerial Twin

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