Aerial Industry

Suspended twin cell linear high bay luminaire with microprism diffuser

Whitecroft lighting

[140+ LL/CW] [COM ✓] [⚡] [IP40] [🇬🇧]

Aerial Industry & Command 9 Sensor

Overview

Aerial Industry is a diffuser alternative to lens based luminaires, suitable for manufacturing, warehousing or retail applications. Aerial Industry delivers low energy, high comfort lighting with minimal through life maintenance.

Optics

- 4000K colour temperature
- Quadraprism diffuser for medium beam
- Opal diffuser for wide beam
- Output options:
    - Medium Beam, 23,184 lumens (179W)
    - Wide Beam, 22,867 lumens (179W)
- Emergency output: 580 lumens

Body

- Steel body, finished white
- Four suspension points, two suspension drops
- 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)
- Supplied with factory fitted plug and socket for ease of installation
- Optional integral emergency for 3hr maintained and COMEPS
- COMEPS can be wired for Easytest operation
- Recommended for mounting heights between 6m and 15m
- Maximum Ambient operating temperature range:
  - Standard -20 to +25°C
  - Emergency 0 to +25°C
- RAL Colour: White RAL9016
- IP40
- Fixed Output as standard with DALI option
- Command 9 integrated lighting controls - end fixed IP65 occupancy and daylight regulating sensor with wireless grouping and control (requires 1 programming dongle for Android smart phone per project)

Order codes

Aerial Industry

Aerial Industry	Fixed Output	3hr Emergency	LL/CW	B50		
				L70	L80	L90
Medium Beam, 23,184lm (179W)	ABMH3	ABMH3EM	129	>100k	87k	41k
Wide Beam, 22,867lm (179W)	ABWH3	ABWH3EM	128	>100k	87k	41k
All versions have 2 DALI drivers						

Accessories

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

Options

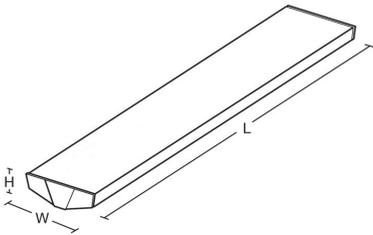| DALI	Change H to Y	i.e ABMY3
COMEPS	Add suffix EP	i.e ABMH3EP
COMMAND 9 *	Change 'H' to 'Q9WY'	i.e. ABMQ9WY3

Command 9 options require DALI drivers
* requires 1 programming dongle for Android smart phone per project
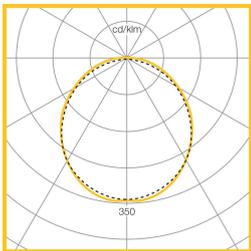
LED Performance

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

Dimensions

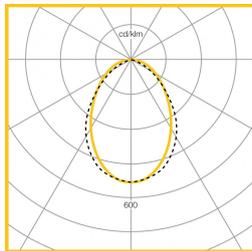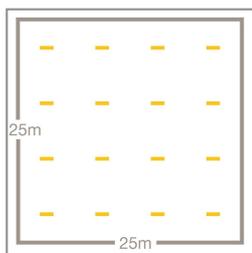| VERSION	L	W	H	KG	KG(EM)
Aerial Industry	1418	281	87	9.8	10.8

Photometric Performance

Wide Beam |
4000K | 22,867
Lumen | 179W
LOR = 100.0%
SHR MAX = 1.59

Medium Beam |
4000K | 23,184
Lumen | 179W
LOR = 100.0%
SHR MAX = 1.46

Performance Guide

Lamps	4000K LED, Medium Beam
Illuminance	320 lux
Spacing	6.25m x 6.25m
Maintenance	0.7
Reflectance	50/30/20
Mounting Height	8.0m
Working plane	0.8m
Uniformity	0.61

To Specify

Aerial Industry - Suspended LED twin cell luminaire with wide or medium beam diffuser optics. Suitable for low or high bay applications - as Whitecroft Lighting AERIAL INDUSTRY