

aerial logistic

suspended LED high bay aisle luminaire



Optics

- Light Output:
– 16,570 lumens (132W)
- 15° beam angle lens mounted behind clear optic for elliptical luminance specifically designed for warehouse lighting
- 4000K 'cool' white LEDs
- Recommended high bay mounting heights of between 8m and 15m
- Aerial Logistic can provide up to 40% of horizontal illuminance on the vertical plane even when mounted at 10m. Recommendations for good horizontal illuminance in industrial lighting are outlined in LG1

Body

- Aluminium body finished white
- 4 suspension points for wire or chain suspension (supplied separately)
- Wire suspension kit with up to 6m drop
- Choice of integral emergency options; standard 3 hr or COMECS (can be wired as Easytest if required)
- Alternative mounting kit available for surface, trunking, chain or drop rod mounting (supplied separately)
- Optional integral Command 8 programmable high sensitivity PIR detector available recessed in a plate at the end of the centre optic
- Programming handset required for integral COM8 detector (supplied separately)

For commercial, industry and sports applications see Aerial LED and Aerial Sport on the Whitecroft website

Order Codes

Aerial Logistic 16,570 lumens (132W)	Fixed Output AELBH14K	3 hr Emergency AELBH14KEM
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Accessories

Suspension kit
Alternative mounting kit*
COM8 programming handset

AERSK1
AERLTRU
COM8HP

Options

DALI DIMMING	Replace H with Y	i.e. AELBY14K
COMECS	Add suffix /EP	i.e. AELBH14K/EP
INTEGRAL COM8 DETECTOR	Replace H with Q8Y	i.e. AELBQ8Y14K

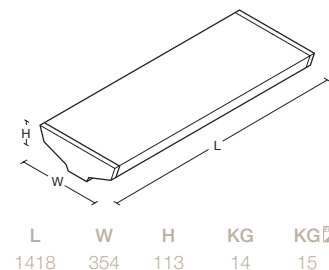
LED Performance

Colour Temp 4000K	Ra (CRI) ≥ 80	Life Expectancy L ₈₀ (50,000hrs)	Colour Consistency MacAdam 3 SDCM
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Integral Command 8 detector

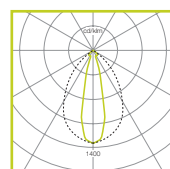
Dimensions



Equivalent Lamp Types

16,400 Lumen Output
T5 lamp 4 x 80W

Photometric Performance



Aerial Logistic
16,570, 132W
• LOR = 100%
• SHR MAX = 0.51

Utilisation Factors UF(F)

Room Reflectance	Room Index			
C	W	F	1.00	3.00
0.70	0.50	0.20	0.78	1.01

Performance Guide

Lamps	Illuminance	Spacing
132W LED	216 lux	10.0m



Maintenance: 0.8	Ceiling Height: 12m
Reflectance: 70/50/20	Working Plane: 0.0m

To Specify

Suspended LED warehouse high or low bay luminaire with 15° beam elliptical distribution lens mounted behind clear optic. Four suspension points for wire or chain suspension – as Whitecroft Lighting AERIAL LOGISTIC.