

Aerial Twin 65

Suspended IP65 twin cell high or low bay luminaire

Whitecroft
lighting

100+
LL/CW



IK08

IP65

LED



COM7 Detector

Optics

- Light Output:
 - Wide beam, 26,000 lumens (206W)
 - Mid beam, 22,300 lumens (206W)
 - Narrow beam, 17,400 lumens (163W)
- Emergency Output (BLF):
 - Wide beam - 600 Lumens
 - Mid beam - 500 Lumens
 - Narrow beam - 400 Lumens
- 4000K 'cool' white LEDs
- Ra80 colour rendering index
- Suitable for mounting heights between 4m and 10m
- Three specially designed light output options for specific application;
 - On wide beam output, a micro polymer optic is used for optimum coverage over a wide open area.
 - On mid beam output, a Hexaprism optic is utilised for all round glare control, light diffusion and uniformity
 - On narrow beam output, a clear optic is mounted in front of two 15° lenses that produce a precise elliptical light distribution specifically for warehouse racking

Body

- Twin cell LED luminaire designed for low or high bay application where an IP65 rating is required
- Constructed from extruded aluminium, mild steel and impact modified acrylic materials to ensure a durable and robust luminaire
- 100,000hr rated DALI driver as standard
- IK08 impact resistance
- Finished white
- 4 suspension points
- RAL Colour: Hexaprism Diffuser White RAL9016.
- Optional wire suspension kit with up to 3m drop (supplied separately)
- Choice of integral emergency options; standard 3hr, Easytest or COMEPS
- Optional high-sensitivity PIR COM7 detector available mounted on end cap.
- Command 7 can be connected (via DALI pair) as 'master and slave' up to 4 luminaires.
- Commissioning is required via handheld LCD programmer COMCTLCDHP. Contact Whitecroft Controls department
- Alternative mounting kit available for surface, trunking, chain or drop rod mounting (supplied separately)
- Suitable for exterior areas. i.e. under a canopy or covered environment, but not in direct sunlight or open, exposed areas
- Ambient operating temperature range:
 - Standard: -20°C up to 40°C
 - Emergency: 0°C up to 20°C
- Many other products are available in the Aerial range. Use search terms Aerial Industry, Aerial Twin, Aerial LED and Aerial Sport on the Whitecroft website

Order codes

Aerial Twin 65

				B50		
Aerial Twin 65	DALI	3hr Emergency	LL/CW	L70	L80	L90
Wide beam, 26,000 lumens (206W)	AET6WY14K	AET6WY14KEM	 126	>100k	68k	32k
Medium beam, 22,300 lumens (206W)	AET6MY14K	AET6MY14KEM	 108	>100k	68k	32k
Narrow beam, 17,400 lumens (163W)	AET6NY14K	AET6NY14KEM	 118	>100k	68k	32k
Note: This luminaire has 2 drivers and requires 2 DALI addresses						

Accessories

Alternative mounting kit	AET6TRU
Suspension kit	AET6SK1

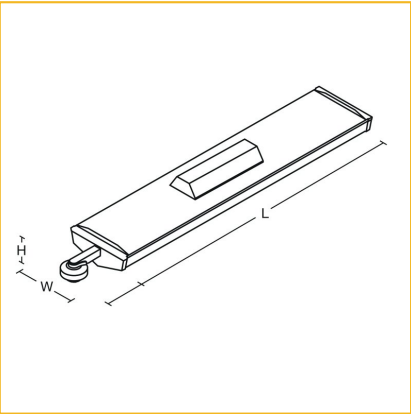
Options

COM7 DETECTOR	Add Q7F before Y	i.e AET6WQ7FY14K
COMEPS	Add suffix /EP	i.e AET6WY14K/EP
EASYTEST	Add suffix /ET	i.e AET6WY14K/ET

LED Performance

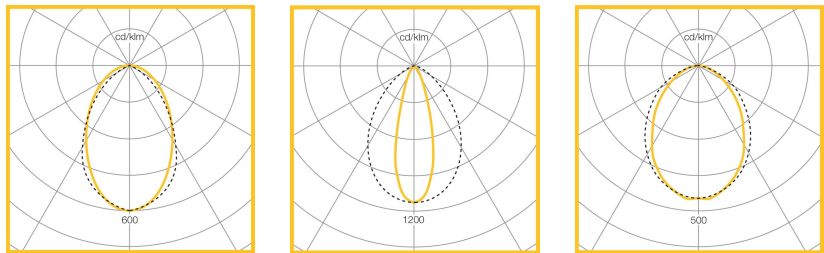
Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

Dimensions



Standard	L	W	H	KG	KG(EM)
Standard	1455	239	101	12.5	
With COM7 Detector	1604	239	101	13	14.5
With Emergency	1455	239	154		14

Photometric Performance

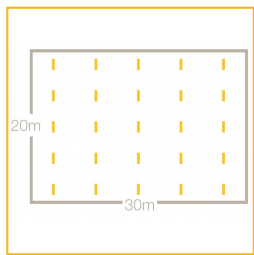


22,300 Lumens,
206W Medium
Beam
LOR = 100.0%
SHR MAX = 1.21

17,400 Lumens,
163W Narrow
Beam
LOR = 100.0%

26,000 Lumens,
206W Wide Beam
LOR = 100.0%
SHR MAX = 1.37

Performance Guide



Lamps	22,300 Lumen
Illuminance	773 lux
Spacing	6.0m x 4.0m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	7.0m
Working plane	0.0m

To Specify

Wide Beam

Suspended IP65 IK8 LED twin cell luminaire with aluminium body and micro polymer optic. Wide light distribution for illuminating open areas. Four point suspension - as Whitecroft Lighting AERIAL TWIN 65 WIDE.

Medium Beam

Suspended IP65 IK8 LED twin cell luminaire with aluminium body and Hexaprism optic. Medium light distribution for illuminating open areas.
Four point suspension - as Whitecroft Lighting AERIAL TWIN 65 MEDIUM.

Narrow Beam

Suspended IP65 IK8 LED twin cell luminaire with aluminium body, clear optics and integral 15° lenses for precise light distribution specifically for aisles and racking. Four point suspension - as Whitecroft Lighting AERIAL TWIN 65 NARROW.