

# Alfalux Highbay LED



Designing emergency lighting for areas with high ceilings poses problems. Conventional bulkheads lack sufficient light output and often have inappropriate photometric distribution. Twin spot projectors are equally unlikely to provide the 0.5 Lux minimum coverage over the entire core area for open areas as required for compliance with standards. Alfalux high bay provides a compact, simple to install solution suitable for mounting heights up to 25 metres. The Alfalux LED range is split into two variants with a mid bay solution for low to medium height mounting and a hi bay solution up to 25 metres.

- 60,000 hour LED options
- Mid bay and high bay options for optimum luminaire efficiency reducing the number of fittings required
- Weatherproof IP65 ingress protection suitable outdoor and wet environment
- Vandal resistant die-cast housing with polycarbonate lens
- Hinged gear tray for ease of installation
- Self-contained, slave, self-test and addressable testing options

### Lamp Options

- 1 x high power white LED

### Materials

- Base - Die-cast aluminium, finished in white powder coated paint
- Diffuser - Clear polycarbonate
- Battery - NiCd (self-contained version)

### Installation Notes

- Suitable for ceiling mounting
- Designed for mounting heights of 6 - 25m
- Twin BESA entry drill-outs on rear
- 20mm conduit entry on each end, with blanking plugs for ease of installation
- Direct screw fix option, with fixing holes outside IP65 area for improved ingress protection
- Geartray hinged, retained in closed position by single thumb screw
- Terminal block, accommodating push in wiring (solid or stranded cables)
- Diffuser retained by allen key security screws

### Options

- Self-contained - Can be operated in maintained or non-maintained mode
- Intellem self-test
- EasiCheck addressable test versions
- Central battery slave versions
- CEAG slave versions

### Specification

To specify state: Self-contained - High output high performance IP65 rated self-contained luminaire complete with NiCd battery, control gear and purpose designed optic/reflector suitable for mounting heights of up to 25 metres. Cast Aluminium base and heavy duty clear diffuser as Alfalux High Bay LED part number \_\_\_\_\_

Slave - High output high performance IP65 rated slave luminaire complete with high output control gear and purpose designed optic/reflector suitable for mounting heights of up to 25 metres. Cast Aluminium base and heavy duty clear diffuser as Alfalux High Bay LED part number \_\_\_\_\_

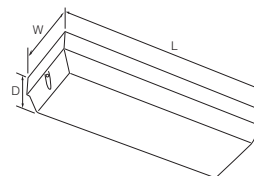
### Photometric Data

Mode	Mounting height (m)	Lux level directly under	Escape route 2m wide 1 lux min				Open (anti-panic) area 0.5 lux min			
			Diagram 1	Diagram 2	Diagram 3	Diagram 4	Diagram 5	Diagram 6	Diagram 7	Diagram 8
Mtd/NMtd High Bay	6	3.5	8.2	12.2	5.8	3.7	7.3	11.6	6.1	
	8	3.9	9.4	15.7	7	4.5	9.5	14.5	7.1	
	10	4.1	10.5	18.3	7.5	5	11	17.3	7.9	
	15	1.6	10.6	21.2	6.8	5.8	14.1	30	10	
	20	-	-	-	-	3.2	14.6	30	10	
230V Slave & CEAG High Bay	6	4.1	9.2	12.9	6.1	4.1	8.2	11.5	6.1	
	10	5.2	12.3	19.7	8.8	5.6	12.3	17.8	8.6	
	15	5.6	15	25.4	9.8	6.9	15.5	24	10.2	
	20	3	15.1	27	7	6.5	15.7	30.3	11.7	
	25	-	-	-	-	3.5	17	37.5	13.5	
Mtd/NMtd Mid Bay	2.5	4.3	9.4	9.4	1.7	5.3	10.5	10.5	1.7	
	2.8	3.3	9.3	9.3	1.4	5.7	11.5	11.5	1.4	
	3.0	3.2	9.2	9.2	1.2	5.9	12.2	12.2	1.2	
	4.0	-	-	-	-	4.9	12.5	12.5	0.67	
	230V Slave & CEAG Mid Bay	2.5	4.0	8.1	8.1	4.0	4.3	7.9	7.9	4.3
2.8	4.4	9.0	9.0	4.4	4.7	8.6	8.6	4.7		
3.0	4.4	9.0	9.0	4.4	4.7	8.6	8.6	4.7		
4.0	5.9	12.4	12.4	5.9	6.1	11.6	11.6	6.1		
6.0	7.5	17.3	17.3	7.5	8.2	16.6	16.6	8.2		
Self Contained 8W TS NMtd	4.0	3.4	9.4	8.0	2.8	2.8	XX	9.2	2.6	
	6.0	3.2	9.8	8.0	2.8	2.8	11.9	10.6	2.1	
	8.0	1.4	8.6	7.9	1.4	2.1	12.1	10.6	2.0	
	10.0	-	-	-	-	2.0	12.9	10.6	1.6	
	Self Contained 8W TS Mtd	4.0	2.9	8.6	7.2	1.6	2.2	8.8	8.1	2.1
6.0		2.2	9.2	7.6	2.2	2.1	10.6	8.7	2.1	
8.0		1.0	7.7	7.6	1.0	1.9	11.2	9.3	1.8	
10.0		-	-	-	-	0.7	11.6	9.8	0.4	

### Catalogue Numbers

System Mode	Cat No	Weight (kg)
LED Maintained 3Hr (Hi Bay)	HLLEDH3H	2.7
LED Maintained 3Hr Intellem self-test (Hi Bay)	HLLEDH3HIS	2.7
LED Maintained 3Hr EasiCheck 2 (Hi Bay)	HLLEDH3HEC2	2.7
LED 230V AC Mains slave (Hi Bay)	HLLEDH230	2.7
LED 230V Mains slave EasiCheck (Hi Bay)	HLLEDH230EC	2.7
LED 230V CEAG slave (Hi Bay)	HLLEDH230CG	2.7
LED Maintained 3Hr (Mid Bay)	HLLEDL3H	2.7
LED Maintained 3Hr Intellem self-test (Mid Bay)	HLLEDL3HIS	2.7
LED Maintained 3Hr EasiCheck 2 (Mid Bay)	HLLEDL3HEC2	2.7
LED 230V AC Mains slave (Mid Bay)	HLLEDL230	2.5
LED 230V Mains slave EasiCheck (Mid Bay)	HLLEDL230EC	2.5
LED 230V CEAG slave (Mid Bay)	HLLEDL230CG	2.5

### Dimensions



L (mm)	W (mm)	D (mm)
400	136	95