



HIA-LED-84-360 / HIA-LED-84-360-RW

High intensity Type A

This high intensity LED obstruction lighting system designed to meet ICAO high intensity Type A, FAA L-856 & L-857 and CAAM DCA/H/A & DCA/H/A-RW requirements and typically used on structures higher than 150m above ground level to provide safety marking for high rise buildings such as skyscrapers, chimneys, cranes, telecom towers, wind turbines and bridges visible to passing aircrafts.



- Light intensity 2,000cd (Night), 20,000cd (Twilight) and 200,000cd (Day)
- ICAO high intensity Type A & FAA L-856 & L-857 and CAAM DCA/H/A & DCA/H/A-RW standards compliance
- Watertight SUS304 power cabinet enclosure
- LED drivers inside power cabinet enclosure for easy servicing Integrated with photocell
- Test button for day, twilight and night
- Alarm dry contact
- Built-in audible buzzer and surge protection
- Master or slave configuration for synchronization of multiple lights
- Redundancy configuration allows the automatic turn on a backup light in case failure of the main light (except for dual colour flash head)
- External photocell

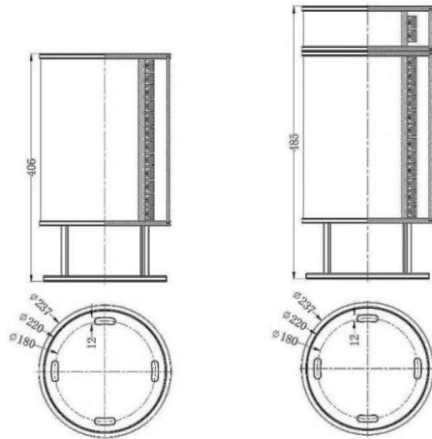
TECHNICAL SPECIFICATIONS

Type	High intensity Type A	Dual colour high intensity Type A + medium intensity Type B
Effective light intensity	2,000cd (Night) 20,000cd (Twilight) 200,000cd (Day)	2,000cd (Night) 20,000cd (Twilight) 200,000cd (Day)
Lifetime	100,000 hours	100,000 hours
Power consumption	200W	200W
Operating temperature	-40° C to +60° C	-40° C to +60° C
Protection Index	IP65	IP65
Wind resistant	80m per second	80m per second
Base material	Cast aluminium	Cast aluminium
Lens	Borosilicate glass	Borosilicate glass
Photocell	Built in	Built in
Surge protection	Built in	Built in
Standards compliance	ICAO high intensity type A FAA L-856 CAAM DCA/H/A	ICAO high intensity type A + medium intensity type B FAA L-856 + L-864 CAAM DCA/H/A(RW)

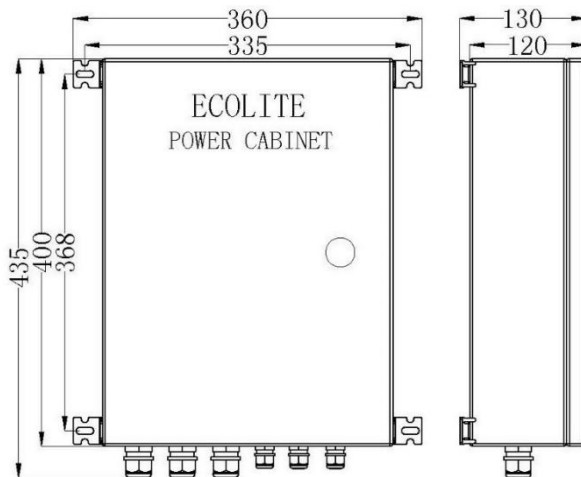


DIMENSIONS

Overall dimension (mm)	Ø 237 x 406 (H), single colour flash head Ø 237 x 485 (H), dual colour flash head
Installation dimension (mm)	Ø 180 x M10
Weight	14 kg for single colour flash head 16 kg for dual colour flash head



Overall dimension (mm)	360(L) x 400(W) x 130(H)
Installation dimension (mm)	335 x 368 x M8
Weight	12 kg for power cabinet



ACCESSORIES

- GPS module for multiple lights wireless synchronisation in option

ORDERING CODE

Reference	Colour			Light intensity			Voltage	Beam spread		Flashes per minutes
	Day	Twilight	Night	Day	Twilight	Night		Vertical	Horizontal	
HIA-LED-84-360-230	White	White	White	200,000cd	20,000cd	2,000cd	180–264Vac	> 3°	360°	40
HIA-LED-84-360-RW-230	White	White	Red	200,000cd	20,000cd	2,000cd				
HIA-LED-84-360-120	White	White	White	200,000cd	20,000cd	2,000cd	120Vac			
HIA-LED-84-360-RW-120	White	White	Red	200,000cd	20,000cd	2,000cd				