



HELIPORT INSET LIGHT

HELIPAD TLOF/ FATO LIGHT SERIES

FEATURES:

1. Adopt super bright CREE brand LED, with a lower consumption.
2. Input voltage available in AC(100-265V AC 50-60Hz).
3. Unique design and UV protected polycarbonate protect cover.
4. Efficient photometric design provides excellent light distribution.
5. Base material is die casting aluminum which has strong corrosion resistance, Shock and Vibrations protection, long time service time.
6. Pressure resistance lens allowed the vehicles go through on light.
7. Die-casting aluminum covered by hard anodizing layer have good corrosion protection and load bearing.
8. IP68 waterproof ensure light work fine underground.

APPLICATIONS:

Heliport TLOF areas Heliport FATO areas, Helipad Runway, Helipad taxiway, Aiming point light, helideck perimeter light etc.

COMPLIANCE:

1. International Civil Aviation Organization (ICAO), Aerodromes, Annex 14, Volume Volume II Heliports 5.3.

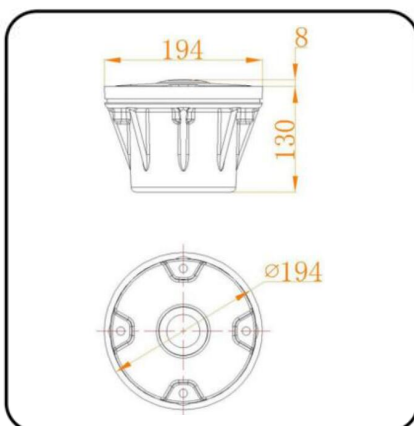
2. FAA AC 150/5390-2B Heliport Design Guide.



Light Source	Color	Light Intensity	Flash Characteristics	Horizontal Angle	Install Type	Operation Mode	IP Grade
LED	R/Y/W/B/G	>100cd	Fixed Light	360°	Concealed installation (inset)	24hrs after power on	IP68

Input	Protection	Materials	Weight	Ambient Temperature	Power	Photocell	Optional
100-240V AC/ 12-48V DC	Integrated	Aluminum	4.5kg	-40℃~+60℃	<3W	No	1. VHF pilot to ground remote control 2. Control Box

DIMENSIONS



AGING TEST



DETAILS SHOW





HELIPORT HAPI LIGHT

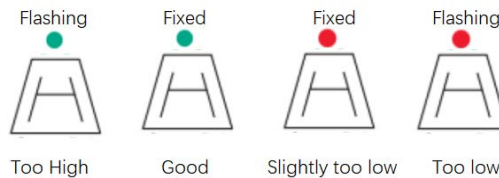
Helicopter Approach Path Indicator

FEATURES:

1. Adopt super bright brand LED, high intensity with a lower energy consumption.
2. Input voltage available in DC(12-48V DC) or AC(100-265V AC 50-60Hz).
3. Clear polycarbonate lens for converging light and also provides corrosion resistance and UV protection.
4. Efficient photometric design provides excellent light distribution.
5. Housing material is stainless steel which has strong corrosion resistance, Shock and Vibrations protection.
6. UV protection Powder coated bright yellow color base make better visibility.
7. Fragile coupling reduce the secondary damage to helicopters effectively.

APPLICATIONS:

AO-HP-HAPI HAPI Light heliport light is used to glide slope on final approach to the heliport, it needs to use with other heliport light.



COMPLIANCE:

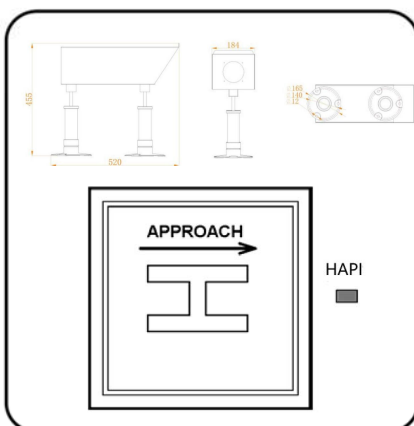
1. International Civil Aviation Organization (ICAO), Aerodromes, Annex 14, Volume Volume II Heliports 5.3.

2. FAA AC 150/5390-2B Heliport Design Guide.

Light Source	Color	Leg Material	Flash Characteristics	Install Size	Install Type	Operation Mode	IP Grade
LED	Green and Red	Die casting aluminum	Flashing and Fixed Light	140xM10	Elevated (surface installation)	24hrs after power on	IP65

Input	Protection	Materials	Weight	Ambient Temperature	Power	Photocell	Optional
100-240V AC/ 12-48V DC	Integrated	Stainless steel	10kg	-40°C~+60°C	<30W	No	1. VHF pilot to ground remote control 2. Solar power system 3. IR light NVIS compatible

DIMENSIONS



Optional: Solar system



DETAILS SHOW





HELIPORT CHAPI LIGHT

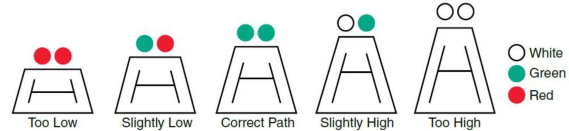
HELIPAD LED CHAPI LIGHT SERIES

FEATURES:

1. Adopt super bright brand LED, high intensity with a lower energy consumption.
2. Input voltage available in DC(12-48V DC) or AC(100-265V AC 50-60Hz).
3. Clear polycarbonate lens for converging light and also provides corrosion resistance and UV protection.
4. Efficient photometric design provides excellent light distribution.
5. Housing material is stainless steel which has strong corrosion resistance, Shock and Vibrations protection.
6. UV protection Powder coated bright yellow color base make better visibility.
7. Fragile coupling reduce the secondary damage to helicopters effectively.

APPLICATIONS:

AO-HP-CHAPI HAPI Light heliport light is used to guide slope on final approach to the heliport, it needs to use with other helipad light. Normally a heliport needs 2 pcs HAPI light. The "C" in CHAPI stands for 'Cramp', the name of person who invented the system 40 years ago.



COMPLIANCE:

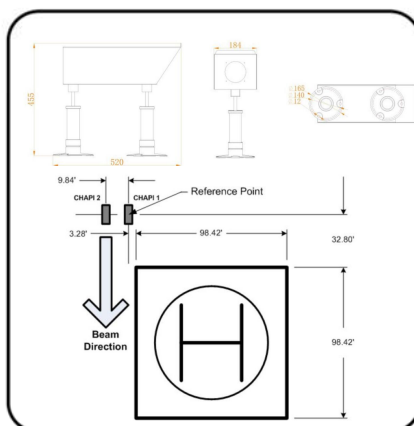
1. International Civil Aviation Organization (ICAO), Aerodromes, Annex 14, Volume Volume II Heliports 5.3.

2. FAA AC 150/5390-2B Heliport Design Guide.

Light Source	Color	Leg Material	Flash Characteristics	Install Size	Install Type	Operation Mode	IP Grade
LED	White, Green and Red	Die casting aluminum	Fixed Light	140xM10	Elevated (surface installation)	24hrs after power on	IP65

Input	Protection	Materials	Weight	Ambient Temperature	Power	Photocell	Optional
100-240V AC/ 12-48V DC	Integrated	Stainless steel	10kg	-40°C~+60°C	<20W	No	1. VHF pilot to ground remote control 2. Solar power system 3. IR light NVIS compatible

DIMENSIONS



Optional: Solar system



DETAILS SHOW





HELIPORT BEACON LIGHT

HELIPAD BEACON FLASHING MORSE H

FEATURES:

1. Adopt super bright brand LED, high intensity with a lower energy consumption.
2. Input voltage available in DC(12-48V DC) or AC(100-265V AC 50-60Hz).
3. Clear polycarbonate lens for converging light and also provides corrosion resistance and UV protection...
4. Efficient photometric design provides excellent light distribution, make sure meet ICAO and FAA demand.
5. Base material is die casting aluminum which has strong corrosion resistance, Shock and Vibrations protection, long time service time
6. UV protection Powder coated bright yellow color base better visibility.

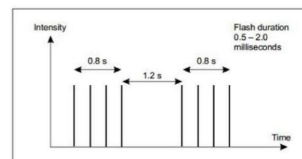
APPLICATIONS:

AO-HP-B5 Heliport beacon is used for heliport lighting as a visual guidance and identification, it needs to use with other helipad light.

COMPLIANCE:

1. International Civil Aviation Organization (ICAO), Aerodromes, Annex 14, Volume Volume II Heliports 5.3.

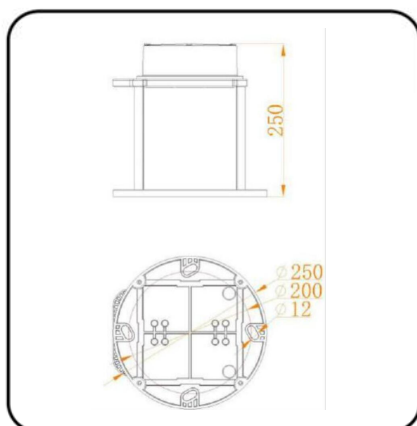
2. FAA AC 150/5390-2B Heliport Design Guide.



Light Source	Color	Light Intensity	Flash Characteristics	Horizontal Angle	Install Type	Operation Mode	IP Grade
LED	White	2500cd	Flashing Morse code H 4 times in 0.8s off 1.2s	360°	Elevated (surface installation)	24hrs after power on	IP66

Input	Protection	Materials	Weight	Ambient Temperature	Power	Photocell	Optional
100-240V AC/ 12-48V DC	Integrated	Aluminum /PC	3.5kg	-40℃~+60℃	<7W	No	1. VHF pilot to ground remote control 2. Infra-Red light for NVG 3. Control Box

DIMENSIONS



AGING TEST



DETAILS SHOW





HELIPORT ELEVATED LIGHT

HELIPAD TLOF/ FATO/PERIMETER LIGHT SERIES

FEATURES:

1. Adopt super bright CREE brand LED, high intensity with a lower energy consumption.
2. Input voltage available in DC(12-48V DC) or AC(100-265V AC 50-60Hz).
3. Unique designed polycarbonate lens for converging light and also provides corrosion resistance and UV protection.
4. Efficient photometric design provides excellent light distribution, make sure meet ICAO and FAA demand.
5. Base material is die casting aluminum which has strong corrosion resistance, Shock and Vibrations protection, long time service time
6. Fragile coupling reduce the secondary damage to helicopters effectively.

APPLICATIONS:

It has many kinds of applications, such as heliport perimeter light, Heliport TLOF, FATO Light, heliport approach landing light etc. It could be used as perimeter light of FATO(Final approach and take-off areas), TLOF (Touchdown and lift-off areas), taxiway light, runway light, flight path Lighting, etc. Our heliport elevated light height not exceed 25cm. There is a fragile coupling in the base connection.

COMPLIANCE:

1. International Civil Aviation Organization (ICAO), Aerodromes, Annex 14, Volume Volume II Heliports 5.3.

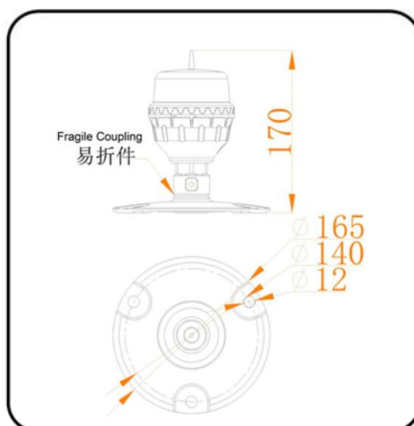
2. FAA AC 150/5390-2B Heliport Design Guide.



Light Source	Color	Light Intensity	Flash Characteristics	Horizontal Angle	Install Type	Operation Mode	IP Grade
LED	R/Y/W/B/G	>50cd	Fixed Light	360°	Elevated (surface installation)	24hrs after power on	IP66

Input	Protection	Materials	Weight	Ambient Temperature	Power	Photocell	Optional
100-240V AC/ 12-48V DC	Integrated	Aluminum /PC	0.85kg	-40℃~+60℃	<3W	No	1. VHF pilot to ground remote control 2. Infra-Red light for NVG 3. Control Box

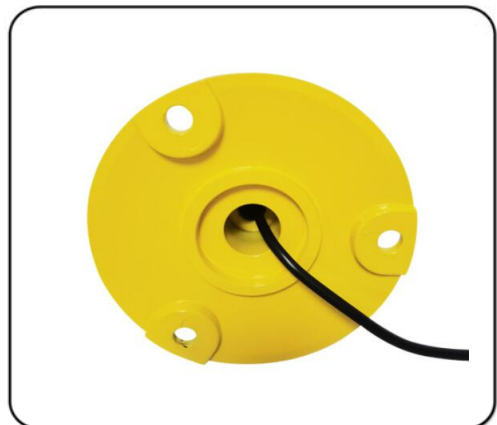
DIMENSIONS



AGING TEST



DETAILS SHOW





HELIPORT FLOOD LIGHT

HELIPAD LED FLOOD LIGHT SERIES

FEATURES:

1. Adopt super bright LED, high lumen with a lower energy consumption.
2. Input voltage available in DC(12-48V DC) or AC(100-265V AC 50-60Hz).
3. The enclosure is made out of stainless steel powder coated in electrostatic field, ensure it have good weather resistance.
4. The angle of tilt of the luminaire is easily adjusted to maximize heliport illumination, efficient photometric design provides excellent light distribution.
5. The height less than 25cm and mounts to frangible point.
6. Fragile coupling reduce the secondary damage to helicopters effectively.

APPLICATIONS:

Heliport landing area lighting.

COMPLIANCE:

1. International Civil Aviation Organization (ICAO), Aerodromes, Annex 14, Volume Volume II Heliports 5.3.

2. FAA AC 150/5390-2B Heliport Design Guide.



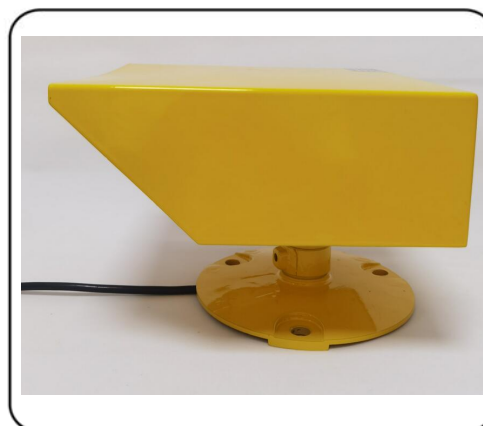
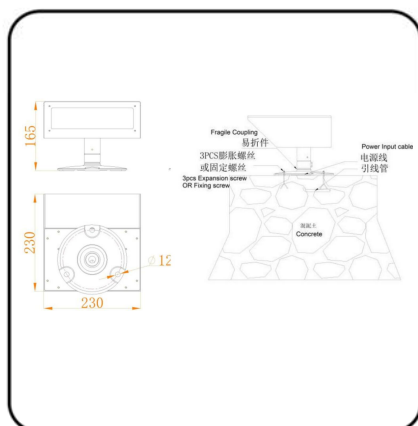
Light Source	Color	Luminous Efficacy	Flash Characteristics	Horizontal Angle	Install Type	Operation Mode	IP Grade
LED	White	>120lm/w	Fixed Light	30x60°	Elevated (surface installation)	24hrs after power on	IP66

Input	Protection	Materials	Weight	Ambient Temperature	Power	Photocell	Optional
100-240V AC/ 12-48V DC	Integrated	Stainless steel /Glass	2.4kg	-40℃~+60℃	10W	No	1. VHF pilot to ground remote control 2. Control Box

DIMENSIONS

AGING TEST

DETAILS SHOW





APPLICATIONS:

Heliport landing area lighting.

COMPLIANCE:

1. International Civil Aviation Organization (ICAO), Aerodromes, Annex 14, Volume Volume II Heliports 5.3.

2. FAA AC 150/5390-2B Heliport Design Guide.

HELIPORT FLOOD LIGHT

HELIPAD LED FLOOD LIGHT SERIES

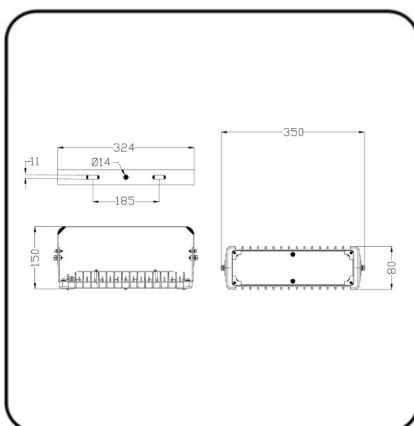
FEATURES:

1. Utilize super bright LEDs with high lumen output while consuming lower energy.
2. Input voltage available in AC(100-240V AC 50-60Hz).
3. The enclosure is crafted from aluminium with electrostatic powder coating, ensuring excellent weather resistance.
4. The tilt angle of the luminaire can be easily adjusted to maximize heliport illumination. The efficient photometric design provides excellent light distribution, ensuring compliance with ICAO and FAA requirements.
5. The assembly has a low profile of less than 25 cm
6. Anti-glare design, make sure safe landing.

Light Source	Color	Luminous Efficacy	Flash Characteristics	Horizontal Angle	Install Type	Operation Mode	IP Grade
LED	White/ other color	>130lm/w	Fixed Light	30 * 60° (with Anti-glare design)	Elevated (surface installation)	24hrs after power on	IP66

Input	Protection	Materials	Weight	Ambient Temperature	Power	Photocell	Size
100-240V AC	Integrated	aluminium /steel /PC	2kg	-40℃~+60℃	50/60W	No	H 17.5cm x W 35cm x L 25.5cm

DIMENSIONS



AGING TEST



DETAILS SHOW





AIRFIELD WIND CONE LIGHT

INTERNALLY ILLUMINATED ROTARY WIND CONE

FEATURES:

1. Adopt super bright brand LED, high intensity with a lower energy consumption.
2. Input voltage available in DC(12-48V DC) or AC(100-265V AC 50-60Hz).
3. Wind cone heliport pole is made of corrosion resistance and wind resistance stainless steel 304.
4. One obstruction light on top, one flood light inside wind cone for illumination.
5. Rotatable design, the wind cone can rotate with the wind.
6. Pole height is customized(1m, 1.5m, 2.5m, 3m, 4m, 5m...).
7. Windsock color is: orange(Nylon), red/white(PVC).

APPLICATIONS:

AO-HP-W1 wind cone, it is internally illuminated, the obstruction light in the top, and led flood light inside the wind cone, and it will rotate together with windsock. This wind cone widely used in the heliport, airport.

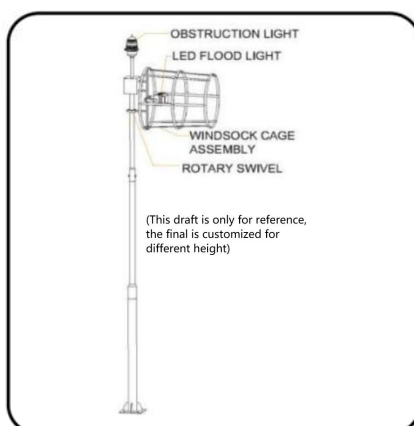
COMPLIANCE:

1. International Civil Aviation Organization (ICAO), Aerodromes, Annex 14, Volume Volume II Heliports 5.3.
2. FAA AC 150/5390-2B Heliport Design Guide.

Light Source	Color	Light Intensity	Flash Characteristics	Horizontal Angle	Install Type	Operation Mode	IP Grade
LED	Flood light white, obstruction light red.	>32cd low intensity obstruction light	Fixed Light	360°	Elevated (surface installation)	Light day off, night work.	IP65

Input	Height	Materials	Weight	Ambient Temperature	Power	Photocell	Optional
100-240V AC/ 12-48V DC	1.5m	stainless steel 304	5kg	-40℃~+60℃	<12W	No	1. 2-5m height 2. Infra-Red light for NVG 3. Solar powered system

DRAFT



AGING TEST



DETAILS SHOW





PORTABLE AIRFIELD LIGHT

PORTABLE HELIPAD TLOF/ FATO/ PERIMETER LIGHT SERIES

FEATURES:

1. Adopt super bright brand LED, high intensity with a lower energy consumption.
2. Integrated design, enabling a rugged and completely waterproof seal capable of prolonged and deep immersion (IP67).
3. Hard anodizing Aluminum housing ensure good UV resistance, shockproof and corrosion proof, anti-corrosion, salt-spray proof.
4. Hard anodizing Aluminum housing ensure good UV resistance, shockproof and corrosion proof, anti-corrosion, salt-spray proof.
5. Charging port besides.
6. Battery status LCD screen on top.
7. Light with handle for easy move, with convenient carrying case design.
8. ON/OFF button every light.

APPLICATIONS:

AO-HP-G1 portable airfield light is specially used on permanent airport or heliport where cable power is not convenient or temporary heliport.

COMPLIANCE:

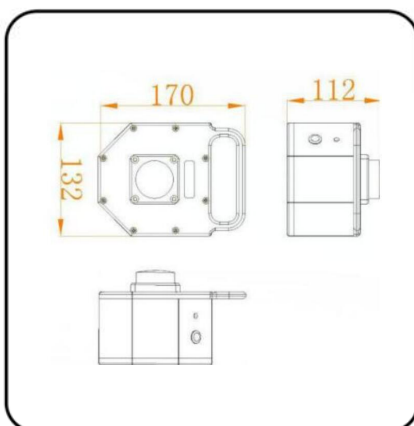
1. International Civil Aviation Organization (ICAO), Aerodromes, Annex 14, Volume Volume II Heliports 5.3.

2. FAA AC 150/5390-2B Heliport Design Guide.

Light Source	Color	Light Intensity	Flash Characteristics	Horizontal Angle	Install Type	Operation Mode	IP Grade
LED	R/Y/W/B/G/IR	>50cd	Fixed Light	360°	Portable	24hrs after power on	IP66

Input	Autonomy	Materials	Weight	Ambient Temperature	Qty	Contain	Optional
Battery power 7.4V 20AH	>60hrs	Aluminum /PC	2.4kg/ light	-40℃~+60℃	12pcs/case	Lights, charger	1. VHF pilot to ground remote control 2. Infra-Red light for NVG 3. 8pcs;12pcs,18pcs /case

LIGHT DIMENSIONS



AGING TEST



DETAILS SHOW

