

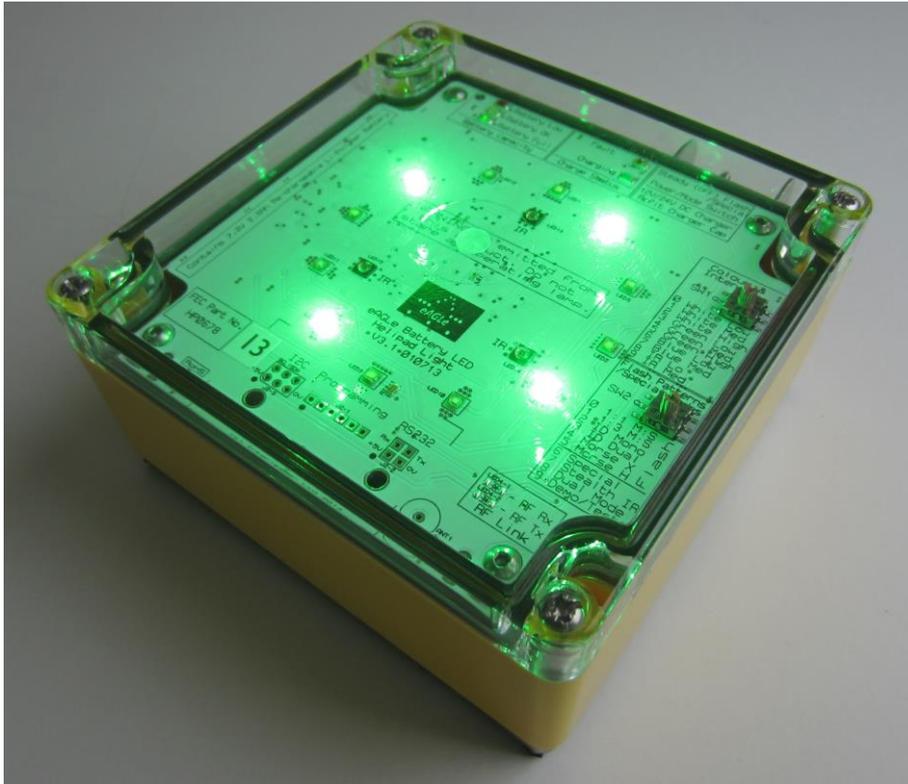


FEC HELIPORTS & HELIPORT EQUIPMENT

Designed, Manufactured and Installed...we do it all.

Battery LED HeliLights - FEC - HP0678

Improve HEMS Scene Safety & Incident Management



Emergencies, by their very nature are complex and dangerous environments where scene management is a priority. When Helicopter Emergency Medical Service (HEMS) is required temporary landing areas will need to be identified to:

- ✓ Clearly identify the safe helicopter landing area;
- ✓ Ensure safety for those on the ground;
- ✓ Alert safety of crew and aircraft from obstructions such as wires, masts and unsuitable terrain;

The FEC Heliports Portable Battery Powered LED Helipad Lighting System is a microprocessor controlled light system designed for rapid deployment in temporary and emergency situations to provide safe and effective marking on a variety of terrains.

The lights feature White, Green and Blue visible and Infra-Red (IR) LEDs. Colours, intensities, and a variety of flash patterns are pre-programmed and user selectable. A key feature of the lights is the ability to combine both visible and IR LEDs at the same time ensuring NVG and non-NVG visibility.

The lights are IP65 rated and fitted with rubber soled solid stainless steel bases to ensure stability under the toughest rotor-wash conditions. Higher weights are available for the biggest of helicopters.

Supplied as a set of five in a robust aluminium 'flight' case incorporating a power cable to simultaneously charge all 5 units while in the case from either mains at 100-240V AC or in vehicles at 12-24V DC.



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Two Operational modes: Steady and Flashing/Special Function

Easily accessible switches in the units enable users to select the colour and intensity of the lights and the flash pattern or special function to be performed. Once set, the external switch is then used to select either 'steady' or 'flash/special function' modes.

Steady mode: either white, green, blue or IR LEDs are lit at high, medium or low power levels. Typically in high, medium or low settings the battery will last 4, 6 or 8 hours at constant light output.

Flash/Special Function: in the colour and intensity selected as above, the lights will perform a range of flash patterns, Morse codes (X or H), Dual mode – where both visible and IR LEDs are on simultaneously or Stealth IR operation. Depending on the colour, light level and flash pattern the battery may last up to 30 hours.

Each light has an integrated advanced charge management system to ensure optimum charging and battery condition and life. 'Traffic Light' LEDs indicate the state of charge of the battery and further LEDs give confirmation of correct charging.



Summary Specification



All documentation provided on CD

Number of LEDs		15 : 12 Visible + 3 IR			
Battery:		7.5V 2.2Ah Li-Ion			
Power consumption (max.):		3.1/4.2 watts (High Green/ Boost Green)			
Run-time in hours (steady light)	White	Green	Blue	IR	
	High	4.75	4.25	N/A	6.75
	Medium	6.5	6.5	6.5	12.5
	Low	>15	>13	>15	>25
Recharge Time (from flat):		2hours – 3 hours max			
Charger input voltage range:		12.0V – 30.0V DC			
Operating/Charging temperature:		-25°C to +40°C			
Storage temperature:		-25°C to +50°C			
LED Lifetime (projected):		>50,000 hours			
Degree of protection:		IP65			
Compliance (lights and charger):		ROHC (except battery)			
Warranty:		2 years return to FEC			
Light Dimensions	Value (mm/")	Comment			
Width	122mm/4.8"				
Length	137mm/5.4"	Including switch guard plate			
Height	62mm/2.45"				
Case Dimensions	Value (mm/")	Comment			
Width	520mm/20.5"				
Length	465mm/18.4"	Including feet, handle folded down			
Height	175mm/6.9"				
Weights	Value (kg/lbs)	Comment			
Light	1.27kg/2.80lbs	Including standard 6mm base			
Case + 5 Lights	12.15kg/26.8lbs	Including PSU and cables			