

HEL-STAR 6®

Helmet-Mounted Light (Multi-Function)



HEL-STAR 6® Gen III is the latest in the series of HEL-STAR marker lights designed specifically for helmet-mounting for airborne, MFF, and ground tactical operations. Gen III closely matches the fit and function of the original HEL-STAR 6® while providing a streamlined package design and advanced electronics.

HEL-STAR 6® Gen III continues to provide up to four user-defined functions in two selectable operating modes in virtually any combination of white, green, blue, red, amber and IR, each in either steady, flashing or IFF coded operation.

Field reprogramming option is available upon request. Requires the purchase of a Programming Interface Module (PIM).

HEL-STAR 6® Gen III Advantages

- **Safety** - The unique battery access design provides a curved profile on all sides, minimizing snag hazard. Velcro® attachment provides emergency peel-away from helmet to reduce potential for snag-related injury.
- **Versatility** - Up to four user-defined functions are available in a range of visible colors and IR signals, either flashing, coded or steady.
- **Visibility** - Omni-directional. Intensities can be scaled up or down for special requirements. White flash exceeds FAA 3-statute mile requirements.
- **Simple, Secure Operation** - Switches are designed for positive operation by a gloved-hand, in the blind, with the helmet donned. Mode selection switch design options provide operational flexibility or strong security between overt and covert operating modes.
- **Operating Extremes** - HEL-STAR 6® Gen III is shock and vibration resistant, dustproof and open sea waterproof to 130 fsw (laboratory 300+ feet).
- **Status Confirmation** - Switch design provides visual and tactile confirmation of ON/OFF and operating status with no guesswork; visual confirmation prevents inadvertent battery discharge in the IR operating mode.
- **Easy Battery Replacement** - The single CR123 cell can be replaced in the field, quickly, without special tools.
- **Field Reprogramming** - Color, flash rate, and light intensity can be reprogrammed with a wireless handheld device (PIM). A default feature returns the unit back to original factory settings.



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1326 E. International Speedway Blvd. Suite 7
DeLand, FL 32724, USA Tel: (+1) 386-736-3862, Fax: (+1) 386-736-3899
www.cpsworld.com

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HEL-STAR 6® Gen III

MODEL/PART NUMBER OPTIONS



Main Switch: 0=Off, Functions 1 & 2
Nose SW/Plug: ▲=Mode A, ▼=Mode B

Model	CORE P/N	CPS P/N	Mode A Functions		Mode B Functions	
			A1	A2	B1	B2
HS-620	HS-620-01	CPS-123-006	GR(S/Dim)	GR (S/Dim) + WH (FL)	IR (FL/Dim)	IR (FL/Bright)
	HS-620-02	CPS-123-051	GR (S)	GR (S) + WH (FL)	IR (FL)	IR (FL/Bright)
	HS-620-03	CPS-161-145	GR(S/Dim)	GR (S/Dim) +WH (FL)	IR (FL/Dim)	IR (FL/Bright+)
	HS-620-04	CPS-161-152	WH (FL)	GR (S)	IR (FL)	IR (FL/Bright)
HS-640	HS-640-01 NSN:6210016214819	CPS-123-204	GR (S)	GR (S) + WH (FL)	IR (FL)	IR (FL/Bright)
	HS-640-02 NSN:6210016274127	CPS-123-259	GR (S)	GR (S) + WH (FL)	BL (S)	BL (S) + WH (FL)
	HS-640-03	CPS-129-107	GR (S)	GR (S) + WH (FL)	IR (FL)	IR (S)
	HS-640-04	CPS-142-205	GR (S)	RD (S)	IR (FL)	IR (S)
	HS-640-05	CPS-155-441	GR (S)	GR (S)+ WH (FL)	RD(S/Dim)	IR (FL)
	HS-640-07	CPS-155-427	GR (S)	GR (S) + WH (FL)	IR (FL/Dim)	IR (FL/Bright+)
	HS-640-08	CPS-161-169	WH (FL)	GR (S)	IR (FL)	IR (FL/Bright)
	HS-640-09* Rescue Model	CPS-157-933	GR (S)	GR(S)+WH(FL/Bright+)	IR (FL)	IR (FL/Bright)
	HS-640-10 NSN:6210016306231	CPS-157-940	GR (S)	GR (S) + WH (FL)	RD (S)	RD (S) + WH (FL)
	HS-640-11	CPS-157-957	GR (FL)	GR (S) + WH (FL)	IR (FL)	IR (S)
	HS-640-12 LE Model	CPS-157-964	GR (S)	GR (S) + WH (FL)	RD (FL)	Blue (FL)
HS-640-14* Fire/Rescue Model	CPS-157-971	GR (S)	GR(S) +WH(FL/Bright+)	BL (S)	BL(S)+WH(FL/Bright+)	

*Additional cost for Models HS-640-09 & HS-640-14 due to high powered White B+. Other models available upon customer request.

Operating Options

Color Code	Signal Type	Signal Intensity
BL = Blue	S = Steady	Dim, Standard, Bright, Bright+
GR = Green	F = Flash (60 fpm)	"Bright+" is significantly brighter than "Bright" ** Higher intensities shorten battery life
RD - Red	FN = NATO Flash (30 fpm)	
IR = Infrared	FX = Special Coded Flash (Morse Code or other)	All White Steady & Flash are "Bright" to meet FAA 3 statute mile visibility.
WH = White	P = Field Reprogramming Capability	Add "B" to the end of a part number to order HEL-STAR Gen III in a black body.
YA = Yellow/Amber	All units now have an integrated tie down	