



DUAL FILAMENT LANDING LIGHT

Model No: SP-10-00-000

SERVICES

- * Engineering Design & Development
- * Electronic Testing & Assembly
- * CNC Machining and Manufacturing
- * System Integration



PRODUCTS

- * Electro-Optic Stabilized Platforms
- * Radar Sub Systems
- * Laser Applications
- * Gimbals
- * Pedestals
- * Motion Control Systems
- * Test Benches



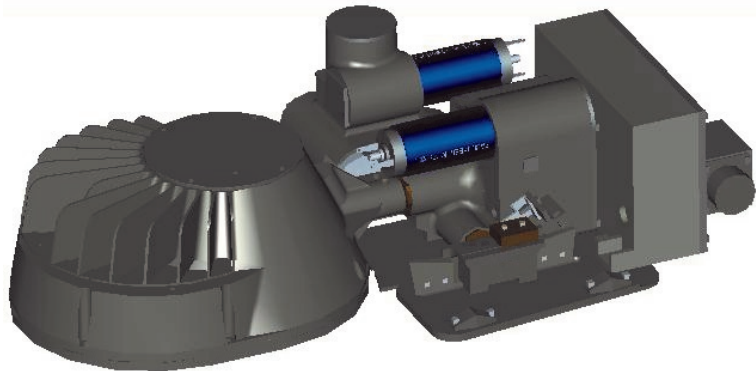
Versatility is Reality



Highlights

- ◆ Two Axes
- ◆ Retraction/Extension/Rotation
- ◆ Landing/Search/Rescue
- ◆ Visible and IR Spectrum
- ◆ High Intensity Light
- ◆ Compact/Rugged/Light Weight
- ◆ All Weather Resistant

Designed, Developed and Manufactured to meet the requirement of Landing/Search light for low speed airborne platform Helicopter. Precision rugged steel gear trains are housed in a compact package for retraction, extension and rotation. Powered by heavy duty DC motors through highly reliable slip-ring mechanism to withstand wind loads. Limit switches are used to cut OFF/ON the power supply as required. DFLL can be rotated through 360° with high power visible/Infrared Light selected ON in the extended position.



SYSTEM CONTROLS

TECHNOLOGY SOLUTIONS PRIVATE LIMITED



Technical Specifications

Model No: SP-10-00-000

No of Axes	Extension/Retraction Angle	:	2 Axes
	Angle	:	0 ⁰ to 120 ⁰
	Time for extension at 180 knots	:	<12 seconds
	Rotation	:	
	Angle	:	N X 360 ⁰
	Time for 360 ⁰ at 180 knots	:	<15 seconds
Operating Conditions	Operating Temperature	:	-45 ⁰ C to +71 ⁰ C
	Max Platform speed	:	330 lm/hr
	Environmental condition	:	MIL-STD-810F and RTCA-DO-160D
		:	
Weight	Weight	:	<2.9 Kg
Optical	Visible Mode	:	
	Reflector	:	Parabolic
	Peak light output	:	300,000cd
	Beam Spread	:	14 ⁰ H/8 ⁰ V
	Infra Red mode	:	
	Beam angle	:	<1 CP
Electrical	Power supply	:	28V DC
	Power consumption (visible mode)	:	250W
	Power consumption (I.R. mode)	:	10.8W
Interface	Command signals from cockpit	:	

119, 3rd Main
East of NGEF Layout
Kasturi Nagar
Bengaluru 560 043

Phone:
+91 80 408 20 400

Fax:
+91 80 408 20 426

Email:
sales@system-controls.com
projects@system-controls.com



www.system-controls.com