

# LS-400 SEARCHLIGHT

## STEERABLE SEARCHLIGHTS



### NEW LED HEAD

- HEATSINK FOR THERMAL CONTROL
- LONGER LAMP LIFE
- LOW POWER CONSUMPTION
- ECO-FRIENDLY - REDUCE CARBON FOOTPRINT
- EXTREMELY DURABLE

### NEXT GENERATION ACTUATION SYSTEM

- BRUSHLESS MOTORS - ELIMINATES ELECTRICAL NOISE, INCREASED RELIABILITY
- ALL NEW GEAR TRAIN
- POSITION SENSORS TO ELIMINATE EXPOSED MICROSWITCHES
- COMPLETELY SEALED BASE WILL NOT EXPOSE MOTORS AND CIRCUITRY TO WEATHER
- VIBRATION & SHOCK CERTIFIED TO RTCA DO-160G CATEGORY U

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### TECHNICAL DATA

PRODUCT ORDERING INFORMATION			
0231674-101	LS-400	0231729-101	LS-400M
0231709-101	LS-400B4	0231716-101	LS-400N
0231690-101	LS-400E	0231739-101	LS-400NR
0231724-101	LS-400G	0231687-101	LS-400T
0231746-101	LS-400GR	0231687-102	LS-400T2
0231717-101	LS-400H	0231674-102	LS-400W
0231693-101	LS-400JR		

MECHANICAL	
WEIGHT	7.8 LB MAX, 3.54 KG MAX
DIMENSIONS	12.125" X 6.56" X 3.56" MAX 308 MM X 167 MM X 91 MM MAX
HOUSING COLOR	BLACK (CAN BE CUSTOMIZED)
LENS COLOR	CLEAR
MOUNTING	#8-32UNC FASTENERS
ELECTRICAL INTERFACE	TERMINAL BLOCK OR CONNECTOR
SLEWABLE ROTATION	360°
EXTEND ANGLE	0° - 115°

COMPLIANCE	
ENVELOPE MEETS THE REQUIREMENTS OF MIL-L-81174/2B	

ELECTRICAL	
VOLTAGE - OPERATING RANGE	22-32 VDC
VOLTAGE - NOMINAL	28 VDC
MAXIMUM POWER - VISIBLE	123 W
MAXIMUM POWER - IR	5 W
MAXIMUM POWER - MOTOR	150 W

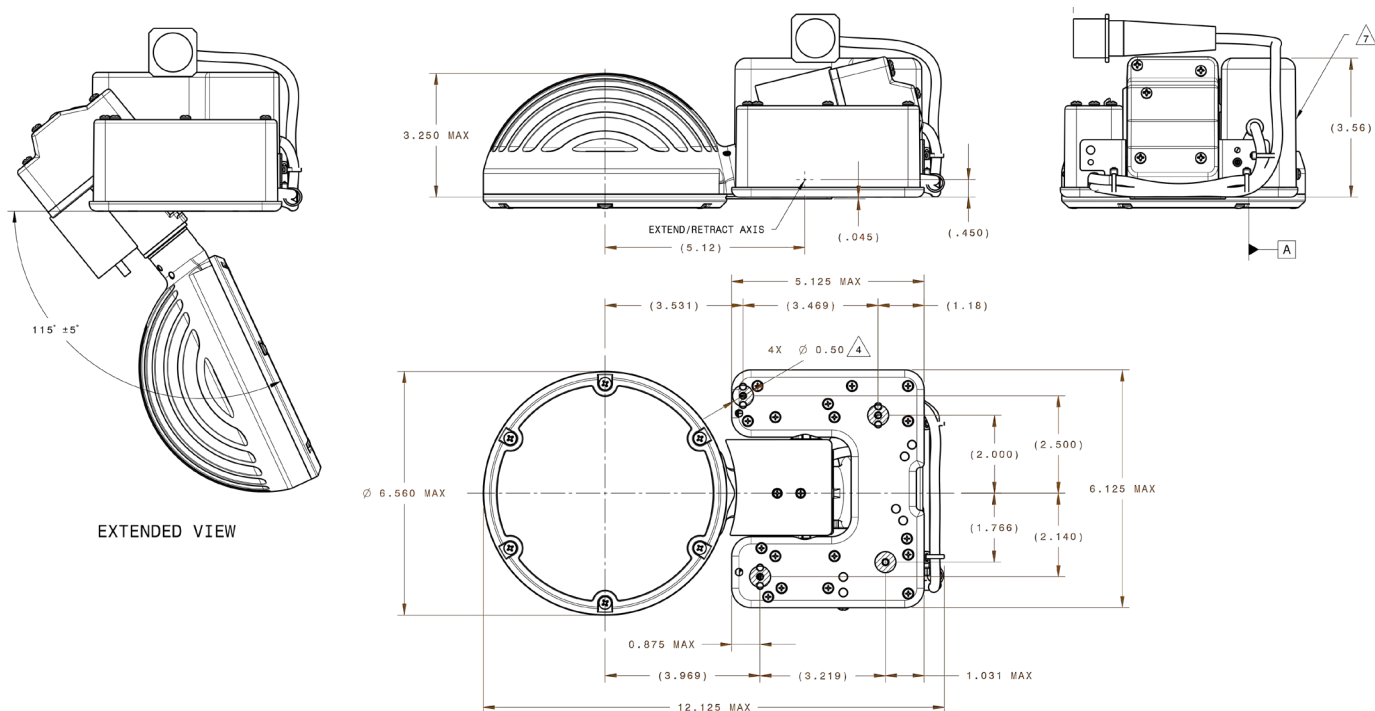
  

ENVIRONMENTAL	
AMBIENT TEMPERATURE	-40°C TO +71°C (OPERATIONAL) -55°F TO +85°F (STORAGE)
MTBF - CANOPY	20,000 HOURS
MCBF - BASE	8,500 CYCLES
MAX AIRSPEED - EXTENDING	120 KNOTS
MAX AIRSPEED - STATIONARY	180 KNOTS

ILLUMINATION	
BEAM SPREAD	9° - 10°
BEAM SPREAD (IR)	18° - 19°
IR INTENSITY	3.3 - 80 NRI AVAILABLE (NVIS CLASS A) BASED ON SEARCHLIGHT CONFIGURATION
LIGHT OUTPUT	500,000 CP TYPICAL

### TECHNICAL DRAWING



#### Disclaimer

Features and specifications are subject to change without notice  
January 2021