

# LS-400/80 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

# LS-400/80 SEARCHLIGHT

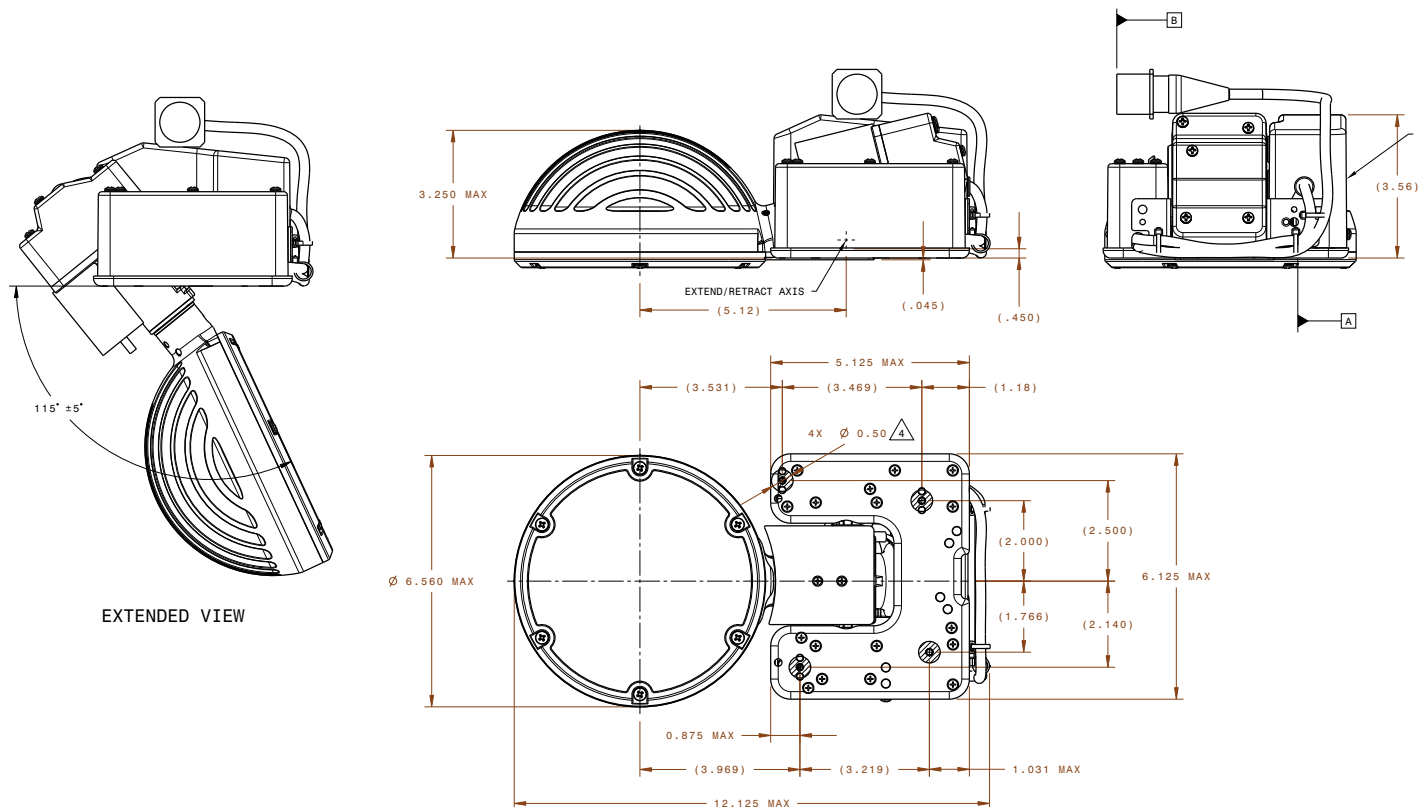
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### TECHNICAL DATA

PRODUCT ORDERING INFORMATION	
0231739-101	LS-400/80
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	CONNECTOR
SLEWABLE ROTATION	360°
EXTEND ANGLE	0° - 115° ± 5°
COMPLIANCE	
ENVELOPE MEETS THE REQUIREMENTS OF MIL-L-81774/2B	

ELECTRICAL	
VOLTAGE - OPERATING RANGE	22-32 VDC
VOLTAGE - NOMINAL	28 VDC
MAXIMUM POWER - VISIBLE	170 W
MAXIMUM POWER - IR	30 W
MAXIMUM POWER - MOTOR	234 W
ENVIRONMENTAL	
AMBIENT TEMPERATURE	-40°C TO +71°C (OPERATIONAL) -55°F TO +85°F (STORAGE)
MTBF - CANOPY	10,000 HOURS
MCBF - BASE	8,500 CYCLES
MAX AIRSPEED - EXTENDING	120 KNOTS
MAX AIRSPEED - STATIONARY	180 KNOTS
ILLUMINATION	
BEAM SPREAD	9° - 10°
BEAM SPREAD (IR)	20° X 20° TYP (10% OF PEAK)
VISIBLE INTENSITY	180 W/SR MIN. (CLASS A)
IR INTENSITY	80 W/ SR MIN. (CLASS A)
LIGHT OUTPUT	400,000 CP TYP.

### TECHNICAL DRAWING



#### Disclaimer

Features and specifications are subject to change without notice  
January 2021