



**EXTREME ENVIRONMENT EQUIPMENT TECHNOLOGY**

**DATA SHEET**  
**RAYLITE 006AC or RAYLITE 006DC**  
**Underwater Quartz Halogen or LED Light**



Mechanical

Material: 6061-T6 Black chromic Anodised  
Dimensions: Length: 80mm x Diameter: 60mm Ø  
Weight In Air: 0.3Kg  
Weight In Water: 0.15Kg  
Depth Rating: 1500 MSW  
Operating Temperature: -10°C to 50°C

Optical

Pressure lens: Sodium Toughend Glass

LED

Typical luminous Flux: 1800 Lumens  
Typical Luminous at 1m: 700 lux  
Typical Colour Temperature: 6600 Kelvin (options available)  
Beam Angle: 86°

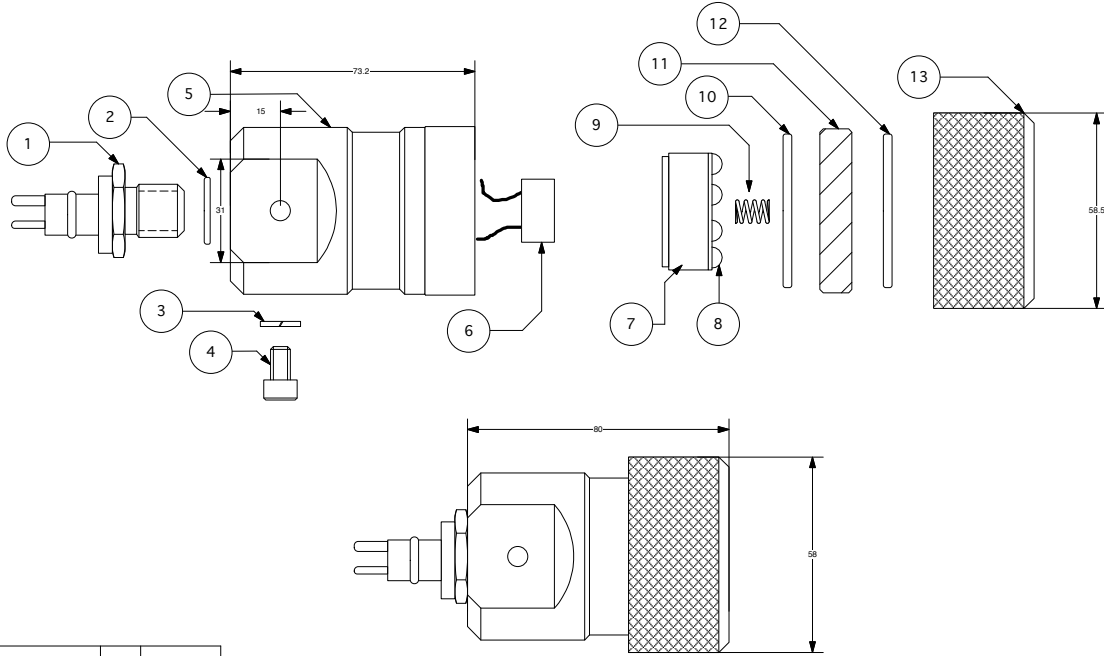
Quartz Halogen

Bulb Type: E11 120Vac/150W Maximum

Electrical:

Underwater Connector: Standard XSG-3-MP ( Options available)  
Power Requirements: LED: 20 to 40Vdc 700mA Constant Current  
Quartz Halogen: 120Vac@ 1.25A

# RAYLITE 006



ITEM NO.	PARTS DESCRIPTION	QTY	PART NO.
1	SUBSEA BULKHEAD CONNECTOR	1	
2	BULKHEAD CONNECTOR O-RING	1	
3	M6 STAINLESS STEEL SPRING WASHER	1	
4	M6 X 1.0 STAINLESS STEEL GRAB SCREWS	1	
5	6061-T6 BLACK ANODISED PRESSURE BARREL	1	
6	BRIDGE/LED CONTROLLER	1	
7	LED HEAT SINK	1	
8	6 X CREE LED ENGINE	1	
9	RETAINER SPRING	1	
10	LENS O-RING	1	
11	TOUGHENED GLASS WINDOW (1000M)	1	
12	LOCKING COLLAR O-RING	1	
13	6061-T6 BLACK ANODISED LOCKING COLLAR	1	

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<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCE ON ANGLE ±.5° 0 PL ±.5 1PL ±.05 INTERPRET DIM AND TOL PER ASME Y14.5M-1994</p>	DESIGNED BY WDR
	DRAWN BY WDR
	CHECKED BY R.HLOBIL
	APPROVED BY
FIRST ANGLE PROJECTION	OTHER APPROVALS N/R
	CAD FILE NAME RAYLite_6

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<p>TITLE <b>UNDERWATER LED LIGHT DATA SHEET Raylite 003 EXPLODED VIEW</b></p>			
SIZE A3	CAGE CODE Cge Cd	DRAWING NO. 1	REV 1
SCALE 1:1	EST. WGT N/A	SHEET 1 OF 1	