

ENVOLITE 180 D

COLD ENDOSCOPIC LIGHT PROJECTOR WITH ADVANCED LED SYSTEM



Introduction

Envolute cold light projectors use advanced LED systems integrated with superior nano optics that have resulted in products that generate virtually no heat, consume low power and are compact and eco-friendly. Infact the name Envolute is derived from the company philosophy of innovating and developing sustainable lighting solutions.

Features

- Advanced LED technology
- No heat generation
- Low power consumption
- Highly energy efficient optics
- Compact and portable
- True colour rendition



Clinical Specifications

Lamp type	: Advanced LED
LED lifespan	: 30,000 hours
Optics	: Superior nano optics
Colour temperature	: 5200K (Natural daylight)
Dimensions	: 275 x 200 x 115 mm (l x b x h)
Weight	: 3.5 kg

Technology Comparison Chart

Parameter	Halogen / Xenon technology	General LED technology	PRISM Advanced LED technology
Overall size and weight	Big, bulky, heavy	Moderately smaller, still heavy	Much smaller, extremely light weight
Power Consumption	Around 300-350 W	Around 180 W	Much lower
Heat generation	Very high; requires half an hour post surgery to cool down	Moderately high	Negligible
Lifespan	1000 hours (frequent change of bulb required)	30000	30000 hours
Colour temperature	3500K (Warm yellow)	6200K (Bluish white)	5200K (Natural daylight)
Intensity output	Limited	High	High
Warranty	No comprehensive warranty	No comprehensive warranty	Upto 5 years extendable comprehensive warranty



A Lookback...

Our glorious journey began 25 years ago in 1990 when Eclipse launched its first cautery in India. Prism was established in 2011 with an idea of developing sophisticated surgical illuminance solutions. Our combined experience of over 25 years makes us understand the significance of integrating technology, comfort, cost saving and sustainable development together. And this makes us believe in delivering it as a reality called product.



ISO
9001-2008

ISO
13485-2003



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