

All Raytec RAYMAX and RAYLUX illuminators use the latest surface mount LED technology to deliver more light on scene to provide better pictures. All Raytec illuminators are high efficiency which means they provide savings on running and maintenance costs compared to traditional bulb based illuminators. Raytec illuminators are vandal resistant as standard and covered with a world leading 5 year warranty.

Why Raymax & Raylux

- Adaptive illumination^(TM) Angles from 10 deg to 180 deg
- Latest surface mount technology
- Vandal resistant
- Accurate colour representation (Raylux)
- Cool Running^(TM) thermal management
- Low running costs

Why Infra-Red

Raymax - Infra-red lights can offer lighting for up to 370mtrs and with adaptive illumination up to 180 degrees, they are available in both 850nm (red light) or 940nm for more covert applications (faint glow). As IR becomes more covert it becomes more difficult for the camera to see and distances are reduced as a result of this, 940nm IR illuminators should only be used with highly sensitive cameras fitted with high performance lenses.

- Invisible to the human eye (apart from on the unit itself)
- No light pollution
- Long distance illumination
- Designed for CCTV/Surveillance applications
- Low running costs
- Optimise camera performance

Why White light

Raylux - White light illuminators are designed to work in conjunction with colour CCTV/Surveillance systems providing a visible white light with accurate colour representation for the camera. They can offer lighting up to 240mtrs and with adaptive illumination up to 180 degrees.

- Optimise colour camera performance
- Achieve accurate colour even at night
- Visible deterrent to deter the criminal
- Quick start
- Designed for CCTV/Surveillance but can be multi-purpose
- Low running costs



	Mains Driven Bulb	Low Voltage Halogen Bulb	LED Raymax and Raylux
Electrical Consumption	500W	200W	80W
Cost of Consumption*	£110	£44	£18
Average Bulb Life	5 months	8 months	10 years expected life
Bulb Changes Per Year	2.4	1.5	N/A
Approx Bulb List Price	£75.00	£60.00	N/A
Cost of Bulbs Per Year	£180.00	£90.00	N/A
Yearly Labour cost**	£96.00	£60.00	N/A
Total Yearly Ops Cost	£386.00	£194.00	£18.00

* Based upon 4,400 hours use per year at 5p kw/hr

** Labour costs calculated at £40.00 per bulb

For further details on any of the Raytec products please contact the Mayflex security sales team on 0121 326 2782 or email securitysales@mayflex.com.