

rayMAX WARRIOR II

EXPLOSION PROTECTED IR SERIES

The RAYMAX Warrior II series of ATEX approved explosion protected IR illuminators have been designed for hazardous environments which require high performance night-time illumination. RAYMAX Warrior illuminators are supplied in an aluminium housing with toughened glass front window and are rated for all Zone 1 and Zone 2 applications.

The Warrior series IR illuminators provide class leading performance, long life and ultra low maintenance. They incorporate the very latest surface mount LEDs to deliver excellent night-time pictures with improved optical output and outstanding reliability.

Each unit is fitted with a Cool Running™ thermal management system to carefully control LED output and delivers a projected working life of 10 years. Compared to traditional bulb solutions Warrior SMT LED illuminators produce very little heat and deliver highly even illumination beam patterns.

RAYMAX Warrior illuminators are supplied with an integrated power supply. The RAYMAX Warrior series is suitable for all low light installations up to 150 metres (492ft).



POWERFUL

- Distances up to 150m (492ft)
- Latest LED technology
- High power - Low running costs

FLEXIBLE

- Various Angles (10° - 120°)
- Fully integrated PSU
- Zero maintenance required

RELIABLE

- 10 year life
- Cool Running™ thermal management system
- Marine grade aluminium housing with glass window

CONTROLLED

- Suitable for Zone 1 and Zone 2 hazardous environments
- Certification II 2GD Ex emb II T4
- ATEX and IEC Ex approved
- Even Output Illumination

Version 3.2

APPLICATIONS



rayTEC[®]



PLATINUM ADVANCED SMT LED TECHNOLOGY

PLATINUM illuminators integrate cutting-edge SMT LED technology, light intensification miniature optics (LIMO) and an enhanced Cool Running™ thermal management system into a single ultra high performance LED. The result is World leading power, reliability and flexibility.



ACTIVE LED LIFE CONTROL

All Raytec illuminators employ cutting edge materials science techniques to improve thermal efficiency throughout the unit and ensure continuity of LED power. The New Advanced Cool Running™ system draws heat away from the LEDs, shielding the LED from abnormal stress, and allows Raytec LED products to deliver outstanding performance and consistency of illumination throughout the operational life of the illuminator.



COMMAND AND CONTROL TECHNOLOGY

Integrated into all Fusion Illuminators, Command and Control technology provides photocell, photocell level adjustment and power adjustment functionality on the actual illuminator. This eliminates the need for a specialist external power supply.



VANDAL RESISTANT

The polycarbonate lens design protects against severe blows from crowbars, baseball bats and can even withstand successive shots from air pistols and rifles (range dependant).



ENERGY SAVING

All Raytec illuminators use high efficiency LED's and advanced control methods to deliver extremely low electrical consumption. Raytec illuminators are energy saving and deliver huge savings in running costs compared to traditional bulb illuminators.



HIGH DEFINITION LIGHTING

High Definition Lighting allows cameras to provide crystal clear, high signal images during the hours of darkness. The breakthrough in HD lighting is made possible with Raytec's high power LED technology delivering increased power on scene.

3 YEAR WARRANTY

All Raytec CCTV illuminators are provided with a 3 year warranty, unmatched anywhere in the CCTV lighting industry. Raytec illuminators provide guaranteed long life!



TECHNICAL SPECIFICATIONS

ILLUMINATOR & INTEGRATED PSU

<i>Max Distance:</i>	up to 150m (492ft)
<i>Angle:</i>	10, 30, 50 or 120 degrees
<i>Optics:</i>	SMT LED's
<i>Consumption:</i>	<80W
<i>Input:</i>	210-230V AC Approx. 0.3A Internally fused
<i>Voltage:</i>	13.5V current controlled
<i>Weight:</i>	<5kg (11lbs)
<i>ATEX EEd Rating:</i>	Zone 1 & 2 Hazardous Environments Ex emb II T4
<i>IP Rating:</i>	67 (TBC)
<i>Temp Range:</i>	-50 to +50°C (-58 to 122°F)
<i>Cable Length:</i>	N/A
<i>Colour:</i>	Black
<i>Wavelength:</i>	850nm
<i>Dimensions:</i>	300 x 200 x 125mm 12" x 8" x 5" approx

BRACKETRY

Wall Mount Bracket included.

INTEGRATED COMMAND AND CONTROL TECHNOLOGY

- Inbuilt Photocell for automatic on/off operation
- Telemetry connection for remote operation (TBC)

PART CODES & DISTANCES

RMW2-200-10	RAYMAX Warrior, 10°	850nm	150m (492ft)
RMW2-200-30	RAYMAX Warrior, 30°	850nm	80m (262ft)
RMW2-200-50	RAYMAX Warrior, 50°	850nm	56m (184ft)
RMW2-200-120	RAYMAX Warrior, 120°	850nm	32m (105ft)



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