rayLUX WARRIOR

EXPLOSION PROTECTED WL SERIES

The RAYLUX Warrior II series of ATEX approved explosion protected WL illuminators have been designed for hazardous environments which require high performance night-time illumination. RAYLUX 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 WL 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.

RAYLUX Warrior illuminators are supplied with an integrated power supply. The RAYLUX Warrior series is suitable for all low light installations up to 120 metres (394ft).

POWERFUL
- Distances up to 120m (394ft)
- 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
- Intrinsically safe aluminium housing with glass window

CONTROLLED
- Suitable for Zone 1 and Zone 2 hazardous environments
- Rated to II 2GD EEx d IIB T4 IP66
- ATEX approved
- Even Output Illumination

Version 3.2

APPLICATIONS

PETROCHEMICAL   MARINE   POWER PLANTS   MACHINE VISION   AIRPORTS

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!

3 YEAR WARRANTY

TECHNICAL SPECIFICATIONS

ILLUMINATOR & INTEGRATED PSU

Max Distance:	up to 120m (394ft)
Angle:	10, 30, 50 or 120 degrees
Optics:	SMT LED's
Consumption:	<80W
Input:	210-230V AC Approx. 0.3A Internally fused
Voltage:	13.5V current controlled
Weight:	<5kg (11lbs)
ATEX EEd Rating:	Zone 1 & 2 Hazardous Environments II 2GD EEx d IIB T4
IP Rating:	66
Temp Range:	-50 to +50°C (-58 to 122°F)
Cable Length:	3m
Colour:	Silver
Wavelength:	White-Light
Dimensions:	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
- Photocell level adjust
- Power adjust from 10-100%
- Telemetry connection for remote operation

PART CODES & DISTANCES

RLW-200-10	RAYLUX Warrior, 10°	White-Light	120m (394ft)
RLW-200-30	RAYLUX Warrior, 30°	White-Light	65m (213ft)
RLW-200-50	RAYLUX Warrior, 50°	White-Light	45m (184ft)
RLW-200-120	RAYLUX Warrior, 120°	White-Light	18m (59ft)

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