

CONSULTANT SPECIFICATION NOTES

RAYMAX IR PRODUCTS

- The illumination shall provide an adaptive beam angle allowing the light to be adjusted to the appropriate scene; providing a vari-focal beam pattern.
- The Infra-Red unit must be a solid state LED device utilising SMT (Surface Mount Technology) providing at least 10 years illumination life.
- The IR LED illuminator must be available in several adaptive illumination angles including 10-20 Degrees, 30-60 Degrees, 50-100 Degrees and 120-180 Degrees.
- The LED illuminator shall be low voltage and low power consumption providing energy efficient Infra-Red lighting.
- The LED unit must carry a 5 year warranty
- The LED illuminator should be available in different wavelengths including 850nm and 950nm.
- The illuminator must include a dedicated PSU with a power adjust facility, an integrated photocell for automatic day/night switching and a volt free telemetry input.
- The PSU should have additional options of photocell following contact and auxiliary 12Vdc power for the camera
- Both the illuminator and PSU should be IP66 as a minimum.
- The Illuminator must be RoHS compliant.
- The illuminator shall be capable of switching via a PIR detector.
- The LED Illuminator must be vandal resistant and manufactured with high impact polycarbonate lensing.

Additional Specifications for Dome Lighting:

- The illuminator must provide a variable angle of between 50-100° or 120-180°.

RAYLUX WHITE LIGHT

- The illumination shall provide an adaptive beam angle allowing the light to be adjusted to the appropriate scene; providing a vari-focal beam pattern.
- The White-Light unit must be a solid state LED device utilising SMT (Surface Mount Technology) providing at least 10 years illumination life.
- The illuminator must be available in several adaptive illumination angles including 10-20 Degrees, 30-60 Degrees, 50-100 Degrees and 120-180 Degrees.
- The LED illuminator shall be low voltage and low power consumption providing energy efficient Infra-Red lighting.
- The LED unit must carry a 5 year warranty
- The illuminator must provide colour corrected and calibrated White-Light
- The illuminator must include a dedicated PSU with a power adjust facility, an integrated photocell for automatic day/night switching and a volt free telemetry input.
- The PSU should have additional options of photocell following contact and auxiliary 12Vdc power for the camera
- Both the illuminator and PSU should be IP66 as a minimum.
- The Illuminator must be RoHS compliant.
- The illuminator shall be capable of switching via a PIR detector.
- The LED Illuminator must be vandal resistant and manufactured with high impact polycarbonate lensing.

Additional Specifications for Dome Lighting:

- The illuminator must provide a variable angle of between 50-100° or 120-180°.



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