

Image Spot[®] UV

An exterior use rated compact UV LED projector with flicker-free 0 – 100% dimming, a dominant wavelength of 365nm and optional control via Push DIM, DMX RDM, 0-10V or DALI. Accepts optional Rosco Image Spot Gobos, Permacolor Dichroic Glass Filters, and Rosco optic lenses with varying beam angles. Housing shall be black.

General

1. Luminaire shall be a compact UV LED projector with flicker-free 0 – 100% dimming, a dominant wavelength of 365nm, and optional output lenses at 10°, 19°, 25° or 30°. The luminaire shall be a Rosco Image Spot[®] UV with optional accessories manufactured by Rosco Labs, Inc.
2. Luminaire housing shall be 7.8 in x 4.8 in x 6.8 in (198 mm x 123 mm x 172 mm) (including yoke) and come in a black powder coat finish.
3. Luminaire shall have an adjustable yoke.
4. Luminaire shall have an option of track compatible adjustable yoke.
5. Luminaire shall have option for lens cover accessory to prevent water pooling in lens.
6. Luminaire shall be powered via an unterminated, hard-wired, pigtail.
7. Luminaire shall be DMX512A.
8. Luminaire shall be ETL listed to UL 60950-22/CSA C22.2#60950-22 for Information Technology Equipment, and IP65 for Outdoor use. Luminaire shall be CE certified.

Physical

9. Luminaire housing shall be constructed of an anodized aluminum extrusion with powder coating in black.
10. Luminaire housing shall be 7.8 in x 4.8 in x 6.8 in (198 mm x 123 mm x 172 mm) (including yoke) and come in a black powder coat finish.
11. Luminaire housing finish shall have option for marine coating.
12. Yoke shall attach to both sides and be adjustable.
13. Input voltage shall be 100 – 277 VAC(V1: 100-230VAC).
14. The following shall be included:
 - a. Luminaire.
 - b. Yoke.
 - c. Unterminated, hard-wired hybrid, data/power cable, 6ft (2 m) long.
 - d. Optional hard-wired Cat5 cable 6 ft (2 m) long, unterminated.

Optical

15. Radiant power shall be 17,000mW with beam angle determined by optional lenses of 10°, 19°, 25° or 30°.
16. Optional lenses shall be symmetrical at 10°, 19°, 25° and 30°
17. Dominant wavelength shall be 365nm with an integrally installed UV pass filter to inhibit visible light output.

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Environmental and Agency Compliance

18. Luminaire shall be ETL listed to UL60950 and UL 62368.
19. Luminaire shall be CSA listed C22.2 #62368-1:2014 and CSA 22.2 #60950-22 Issued: 2007/04/23.
20. Luminaire shall be CE certified.
21. Luminaire shall be rated at IP65 for Outdoor use.
22. Luminaire shall comply with EN 62471 Standard and shall be marked accordingly as UV Risk Group 3.

Thermal

23. Luminaire shall operate in an ambient temperature range of -13° F min to 104° F max (-25° C min to 40° C max).
HT luminaire shall operate in an ambient temperature of -13° F min to 122° F max (-25° C min to 50° C max).

Electrical

24. Luminaire shall be equipped with 6.5 ft (2m) insulated, unterminated, hard-wired hybrid, data/power cable.
25. Luminaire shall consume no more than 40w.

LED Emitters

26. Luminaire shall contain high luminous radiant flux density 12-die LED package.
27. UV LED emitters shall have peak wavelength of 365 nm.
28. Dimming control via DMX/RDM. 0-100% flicker-free dimming.
29. All LEDs used in the luminaire shall be high output and proven quality from established and reputable LED manufacturers.

Control and Dimming

30. Luminaire shall have the option of control via DMX/RDM.
31. Luminaire shall be DMX512A / DALI or 0-10V dimming compatible via hybrid, exterior rated, in and thru, unterminated, power/data leads.
32. Dimming shall be flicker-free, 0 – 100%.
33. Intensity level shall be dimmable by on-board potentiometer.
34. DMX or DALI control can be achieved with any DMX or DALI enable controller.

Table Specification for Image Spot® UV

| Type ID | Qty | Description | Manufacturer | Alternate Manufacturer | Light Source / Power Source | | | Control |
|--|-----|--|--------------|------------------------|-----------------------------|----------------|-------------|--|
| | | | | | Color Temp. | LED Type | Watts/Volts | |
| | | Exterior rated, compact UV LED projector, 7.8 in x 4.8 in x 6.8 in (198 mm x 123 mm x 172 mm), with housing made of aluminum extrusion, optional lenses and gobos. | Rosco Labs | | UV @ 365nm peak wavelength | UV LED package | 40w | Dimming control via DMX/RDM via exterior-rated, in and thru, hybrid power & data cable. 0-100% flicker-free dimming |
| Comments | | | | | | | | |
| <p>Optional mounting via track adapter. Optional lens cover accessory. Optional marine coating housing finish.</p> | | | | | | | | |