

Image Spot[®] UV

An exterior use rated compact LED gobo projector with 365nm output and flicker-free 0 – 100% dimming via on-board controls and DMX512. Accepts optional Rosco Image Spot Gobos, and Rosco optic lenses with varying beam angles. Housing shall be black, white, or silver.

General

1. Luminaire shall be a compact LED projector with flicker-free 0-100% dimming, UV output at 365nm peak wavelength and optional output lenses at 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) and come in standard black, white, or silver.
3. Luminaire shall have an adjustable yoke.
4. Luminaire shall be powered via an unterminated, hard-wired, pigtail.
5. Luminaire shall have the option of DMX control via a hard-wired Cat5 cable, unterminated.
6. 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

7. Luminaire housing shall be constructed of an anodized aluminum extrusion with powder coating in black, white, or silver.
8. Luminaire shall be 7.8 in. x 4.8 in. 6.8 in. (198 mm x 123 mm x 172 mm) including yoke and weigh no more than 5.5 lb (2.5 kg).
9. Yoke shall attach to both sides and be adjustable.
10. Input voltage shall be 100 – 230 VAC
11. The following shall be included:
 - a. Luminaire.
 - b. Yoke.
 - c. Unterminated, hard-wired pigtail, 6 ft (2 m) long.
 - d. Optional hard-wired Cat5 cable 6 ft (2 m) long, unterminated.

Optical

12. Rated power shall be 9,000 mW with beam angle determined by optional lenses of 19°, 25°, or 30°.
13. UV LED shall be @ 385nm peak wavelength. An included dichroic filter shall allow a truncated emitted spectrum with peak wavelength @ 365nm.
14. Optional lenses shall be symmetrical at 19°, 25°, and 30°.

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Environmental and Agency Compliance

15. Luminaire shall be ETL listed to UL60950 and UL 62368.
16. Luminaire shall be CSA listed C22.2 #62368-1:2014 and CSA 22.2 #60950-22 Issued: 2007/04/23.
17. Luminaire shall be CE certified.
18. Luminaire shall be rated at IP65 for Indoor use.

Thermal

19. Luminaire shall operate in an ambient temperature range of -13° F min to 104° F max (-25° C min to 40° C max).

Electrical

20. Luminaire shall be equipped with 6 ft (2 m) insulated, unterminated, hard-wired cable.
21. Luminaire shall consume no more than 45w.

LED Emitters

22. Emitters shall be LEDEngin LZC-00UB00 ultra-high flux 12-die package.
23. UV LED emitters shall have peak wavelength of 365 nm.
24. Lumens Maintenance shall be 20,000 hours @ 25C (LM-80 Standard).

Control and Dimming

25. Luminaire shall have the option of control via DMX for dimming.
26. Luminaire shall have the option of a hard-wired Cat5 cable, unterminated, for DMX input.
27. Dimming shall be flicker-free, 0 – 100%.
28. Intensity level shall be dimmable by on-board potentiometer.
29. DMX control can be achieved with any DMX controller.

Image Spot® UV

Specification Ordering Example for Image Spot® UV

Product ordering information can be found at this URL: <http://www.rosco.com/product/imagespot>

The product numbers for ordering the Image Spot UV:

Image Spot® UV, With DMX

296 00002 1657 Image Spot UV - IP65 w/DMX - w/o Lens - Black

Image Spot® Lens Optics

296 00001 0019 Image Spot Narrow Angle Lens Optic/19° - Black
296 00001 0025 Image Spot Medium Angle Lens Optic/25° - Black
296 00001 0030 Image Spot Wide Angle Lens Optic/30° - Black
296 00001 0119 Image Spot Narrow Angle Lens Optic/19° - Silver
296 00001 0125 Image Spot Medium Angle Lens Optic/25° - Silver
296 00001 0130 Image Spot Wide Angle Lens Optic/30° - Silver

Image Spot® Accessories

296 00001 0052 Image Spot Lens Cover Kit
296 00001 0011 Image Spot USB to RS485 Programming Cable
296 00001 0012 Image Spot Safety Cable, 3ft (1m)
296 00000 5001 Rosco Pole Mount Accessory - Black
296 00000 5002 Rosco Pole Mount Accessory - White
296 00000 5003 24" Stainless Steel Strap Rosco Pole Mount Kit - 3-Pack
296 00000 5004 Rosco Wall Mount Accessory - Black
296 00000 5005 Rosco Wall Mount Accessory - White

If there are questions, contact Rosco Customer Service: CTOrders@rosco.com

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 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 anodized aluminum extrusion, optional lenses and gobos.	Rosco Labs		UV @ 365nm peak wavelength	LEDEngin LZC-00UB00 ultra-high flux 12-die package	45w	Option of DMX control via hard-wired Cat5 with RJ45 connector, 0 – 100% flicker-free dimming
Comments								
Top intensity can be set by potentiometer.								