

X-Effects[®] LED UV

Compact, special effects, UV LED projector with flicker-free 0 – 100% dimming, on-board dimming and effect speed control, a dominant wavelength of 365nm, and housing in black or custom RAL Color. Controllable via DMX, with RDM capability. Accepts X-Effects size gobos and spread lenses from 19° to 70°, and can be installed in standard track with a track adapter.

General

1. Luminaire shall be a compact, special effects, UV LED projector with flicker-free 0 – 100% dimming, a dominant wavelength of 365nm, and optional spread lenses at 19°, 30°, 50° and 70°. The luminaire shall be Rosco X-Effects LED UV with optional accessories manufactured by Rosco Labs, Inc.
2. Luminaire housing shall be 10.25 in x 7.4 in x 9 in (260 mm x 168 mm x 229 mm) or HO:10.25 in x 7.4 in x 10.5 in (260 mm x 168 mm x 266.7 mm) and comes in black or custom RAL Color.
3. Luminaire shall have an adjustable yoke.
4. Luminaire shall option of track compatible adjustable yoke.
5. Luminaire shall have option for lens cover accessory to prevent water pooling in lens.
6. Luminaire shall have on-board control of dimming and effect speed.
7. Luminaire shall be controllable via DMX and shall have RDM capability.
8. Luminaire shall receive power and DMX control via an insulated, unterminated, hybrid cable or cable harness that plugs into rear chassis UTL connector.
9. Luminaire shall be ETL listed to UL 1573/CSA C22.2 #166 for stage and studio use, and to UL 8750 for LED equipment used in lighting products.
10. Luminaire shall be CE certified.

Physical

11. Luminaire housing shall be constructed of an anodized aluminum extrusion with cast components all powder coated in black or custom RAL Color.
12. Luminaire housing finish shall have option for marine coating.
13. Luminaire shall be 10.25 in x 7.4 in x 9 in (260 mm x 186 mm x 229 mm) or HO: 10.25 in x 7.4 in x 10.5 in (260 mm x 168 mm x 266.7 mm) and, when combine with yoke, weigh no more than 9 lbs (4.1 kg) or HO: 13 lbs (5.9kg).
14. Yoke shall attach to both sides and be adjustable.
15. Input voltage shall be 100 – 240 VAC.
16. The following shall be included:
 - a. Luminaire
 - b. Yoke
 - c. Unterminated, hybrid power and data cable or cable harness, 6.5 ft (2m) long
 - d. (2) Dynamic Effects Glass Gobos (96mm)

Optical

17. Radiant Power shall be 17,000mW for 40W/33,600mW for 80W (HO)with beam angle determined by optional lenses of 19°, 30°, 50° or 70°.

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18. Dominant wavelength shall be 365nm with an integrally installed UV pass filter to inhibit visible light output.
19. Optional lenses shall be symmetrical at 19°, 30°, 50° or 70°.

Environmental and Agency Compliance

20. Luminaire shall be ETL listed to UL 1573 for stage and studio use and UL 8750 for LED equipment used in lighting products.
21. Luminaire shall be CSA Rated C22.2#166.
22. Luminaire shall be CE certified.
23. Luminaire shall be rated at IP65 for Outdoor use.
24. Luminaire shall comply with EN 62471 Standard and shall be marked accordingly as UV Risk Group 3.

Thermal

25. Luminaire shall operate in an ambient temperature range of -13° F min to 113° F max (-20° C min to 45° C max).

Electrical

26. Luminaire shall be equipped with a 6.5 ft (2 m) insulated hybrid power and data cable or cable harness. Cables shall be terminated with Female UTL connector on one end, unterminated on the opposing end.
27. Luminaire shall consume no more than 80w.

Control and Dimming

28. Luminaire shall be dimmable by DMX control, and have RDM capability.
29. Luminaire shall be equipped with UTL hybrid receptacle.
30. Dimming shall be flicker-free, 0 – 100%.
31. Maximum intensity level and effect speed shall adjustable with on-board controls.
32. DMX control can be achieved with any DMX controller.
33. Luminaire shall have DMX In/Out capability.
34. Luminaire shall have RDM capability.

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

Table Specification for X-Effects® LED UV

Type ID	Qty	Description	Manufacturer	Alternate Manufacturer	Light Source / Power Source		Control
					Color Temp.	Watts/Volts	
		Compact special UV effects LED projector, 10.25 in x 7.4 in x 9 in (260 mm x 186 mm x 229 mm) HO, 10.25 in x 7.4 in x 10.5 in (260 mm x 168 mm x 266.7 mm) with housing made of anodized aluminum extrusion and cast components, optional lenses and effects wheels. Exterior rated.	Rosco Labs		365nm	40W Max 80W Max HO	DMX In/Out control with RDM capability via hybrid cable or cable harness, and on-board control, 0 – 100% flicker-free dimming
Comments							
<p>Output intensity and effect speed can be set with on-board controls. Optional mounting via track adapter. Optional lens cover accessory. Optional marine coating housing finish.</p>							