

Image Spot® HO

An exterior use rated compact LED projector with flicker-free dimming, color temperature of 3000K or 5500K, and optional control via DMX RDM, 0-10V, DALI, or Onboard Potentiometer. Accepts optional Rosco Image Spot Gobos, Permacolor Dichroic Glass Filters, and Rosco optic lenses with varying beam angles. Housing shall be black or a custom RAL color.

General

1. Luminaire shall be a compact LED projector with flicker-free dimming, color temperature of 3000K or 5500K, and optional output lenses at 10°, 19°, 25° or 30°. The luminaire shall be a Rosco Image Spot® with optional accessories manufactured by Rosco Labs, Inc.
2. Luminaire housing shall be 8.9 in x 4.8 in x 6.8 in (228mm x 123mm x 172.5mm) and come in standard black or custom RAL finish.
3. Luminaire shall have an adjustable yoke.
4. Luminaire shall receive power through a hard-wired exterior-rated, unterminated, pigtail via an external 75W external driver (3rd party).
5. Luminaire shall be dimmable via DMX512A/DALI, 0-10V, or onboard potentiometer via exterior-rated external driver.
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 or custom RAL.
8. Luminaire shall weigh no more than 4.4 lb (2kg).
 - a. The external driver shall weigh no more than 1.5 lb (.7kg).
9. Yoke shall attach to both sides and be adjustable.
10. Luminaire minimum input voltage shall be 39VDC provided through external driver.
 - a. External driver input voltage shall be 90-305VAC.
11. The following shall be included:
 - a. Luminaire.
 - b. Yoke.
 - c. Unterminated, hard-wired hybrid, data/power cable, 6ft (2 m) long.
 - d. Dimmable 75W external driver via the optional control protocols:
 - i. DMX
 - ii. DALI
 - iii. 0-10V
 - iv. Onboard Potentiometer

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Optical

12. Output shall be 2100lm LED source lumens for 3000K model or 2900 LED source lumens for 5500K model with beam angle determined by optional lenses of 10°, 19°, 25° or 30°.
13. Optional lenses shall be symmetrical at 10°, 19°, 25° and 30°.

Environmental and Agency Compliance

14. Luminaire shall be ETL / UL Standards #62368-1 and #60950-22.
15. Luminaire shall be cETL / CSA C22.2 #62368-1 and #6095-22.
16. Luminaire shall be CE certified.
17. Luminaire shall be rated at IP65 for Outdoor use.
18. External driver shall be Compliant with Safety Extra Low Voltage (SELV) standard.

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 (2m) insulated, unterminated, hard-wired power cable.
21. Luminaire shall consume no more than 75W.

LED Emitters

22. Luminaire shall contain high luminous flux density 24-die LED package.
23. Color temperature shall be 3000K/95CRI or 5500K/80 CRI.
24. All LEDs used in the luminaire shall be of high brightness and proven quality from established and reputable LED manufacturers.

Control and Dimming

25. Dimming shall be flicker-free, 10 – 100% (DMX/RDM) or 8 – 100% (DALI, 0-10V, Onboard Potentiometer) powered and controlled through external driver.
26. DMX or DALI control can be achieved with any DMX or DALI enable controller.

Table Specification for Image Spot® HO

Type ID	Qty	Description	Manufacturer	Alternate Manufacturer	Light Source / Power Source			Control
					Color Temp.	LED Type	Watts/Volts	
		Exterior rated, compact LED projector, 8.9 in x 4.8 in x 6.8 in (228mm x 123mm x 172.5mm), with housing made of aluminum extrusion, optional lenses and gobos.	Rosco Labs		3000K or 5500K	High Luminous Flux Density 24-die LED package	75w	Dimming control through external driver via Onboard potentiometer, DMX/RDM, 0-10V or DALI. Dimming shall be flicker-free, 8 - 100%.
Comments								
Top intensity can be set by potentiometer.								

Image Spot® HO

SPECIFICATION ORDER CODES

UNIT	CCT	Finish	Dimmable Driver	Mounting	Lens
Image Spot HO	3 - 3000K 5 - 5000K O - Custom	B - Black C - Custom RAL	X - DMX O - Onboard 3 - 3-in-1 Controll** D - DALI	F - Full Yoke L - Floor Mount W - Wall Mount C - Ceiling Mount P - Pole Mount	T - 10 degree 1 - 19 degree 2 - 25 degree 3 - 30 degree N - No Lens

Example:

ImageSpot HO — 3 — B — 3 — F — T

ie. ImageSpot HO -3B3FT =
Image Spot HO, 3000K CCT, Black, 3-in-1 Dimmable Driver, Full Yoke, 10 degree Lens

*Custom color temperature and/or finish are available with minimum order quantity, price difference and longer lead time. For more information please contact Project.Management@Rosco.com

**3-in-1 Dimmable Driver provides 0-10V, 10V PWM, and resistance dimming control options

Image Spot® Accessories

- 296 00001 0013 Image Spot OPTI-FLECS™ Filter Pack
- 296 00001 0052 Image Spot Lens Cover Kit
- 296 00001 0012 Image Spot Safety Cable, 3ft (1m)
- 296 00001 5101 Rosco Pole Mount Accessory - Black
- 296 00000 5102 Rosco Pole Mount Accessory - White
- 296 00000 5003 24" Stainless Steel Strap Rosco Pole Mount Kit - 3-Pack
- 296 00000 5104 Rosco Wall Mount Accessory - Black
- 296 00000 5105 Rosco Wall Mount Accessory - White

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