

# Image Spot<sup>®</sup> IP40

An interior use rated compact LED projector with flicker-free 0 – 100% dimming, color temperature of 3000K or 5500K, and 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, white, or silver.

## General

1. Luminaire shall be a compact LED projector with flicker-free 0 – 100% 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<sup>®</sup> 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 be controlled via DMX using Cat5 cable connected to RJ45 receptacle. V2 RDM enabled.
6. Luminaire shall be ETL listed to UL 60950-22/CSA C22.2#60950-22 for Information Technology Equipment, and IP40 for Indoor use. The 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 x 6.8 in (198 mm x 123 mm x 172 mm) including yoke and when combined with yoke weigh no more than 5.5 lbs (2.5 kg).
9. Yoke shall attach to both sides and be adjustable.
10. Input voltage shall be 100 – 277 VAC (V1: 100-230VAC)
11. The following shall be included:
  - a. Luminaire with RJ45 receptacle.
  - b. Yoke.
  - c. Unterminated, hard-wired pigtail, 6 ft (2 m) long.

## Optical

12. Output shall be 600lm for 3000K model or 800lm for 5500K model with beam angle determined by optional lenses of 10°, 19°, 25° or 30°.
13. Color temperature shall be 3000K or 5500K.
14. UV option shall have an output rated power of 9,000 mW. Optional lenses shall be symmetrical at 10°, 19°, 25°, 30° or 50°.
15. UV LED shall be @ 385nm peak wavelength. An included dichroic filter shall allow a truncated emitted spectrum with peak wavelength @ 365nm

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## Environmental and Agency Compliance

16. Luminaire shall be ETL listed to UL60950 and UL 62368.
17. Luminaire shall be CSA listed C22.2 #62368-1:2014 and CSA 22.2 #60950-22 Issued: 2007/04/23.
18. Luminaire shall be CE certified.
19. Luminaire shall be rated at IP40 for Indoor use.

## Thermal

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

## Electrical

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

## LED Emitters

23. Luminaire shall contain high luminous flux density 12-die LED package.
24. Color temperature shall be 3000K/95CRI or 5500K/80 CRI.
25. UV LED emitters shall have peak wavelength of 365 nm.
26. Lumen Maintenance shall be 70,000 hours @ 25° C (LM-80 Standard). UV Unit shall be 20,000 hours @ 25° C (LM-80 Standard).
27. All LEDs used in the luminaire shall be high brightness and proven quality from established and reputable LED manufacturers.

## Control and Dimming

28. Luminaire shall be controllable via Push DIM, DMX RDM, 0-10V or DALI. (V1 is only DMX).
29. Luminaire shall be equipped with an RJ45 receptacle for DMX, DALI or 0-10V Input.
30. Dimming shall be flicker-free, 0 – 100%.
31. DMX or DALI control can be achieved with any DMX or DALI enabled controller.
32. Luminaire shall be compatible with the ANSI RDM E1.20 standard.
33. All fixture functions shall accessible via RDM protocol for modification from suitably equipped control device.

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## SPECIFICATION ORDER CODES

UNIT	CCT	Finish	Data Transfer	Mounting	Lens	Optional Accessory
Image Spot ST Image Spot IP Image Spot HT	3 - 3000K 5 - 5000K U - UV O - Custom	B - Black W - White S - Silver C - Custom RAL	A - DMX/RDM, RJ45 (IP40 Only) B - DALI, RJ45 (IP40 Only) C - Push DIM, RJ45 (IP40 Only) 0 - 0/10V, No Connector 1 - DMX/RDM, No Connector 2 - DALI, No Connector 3 - Push to DIM, No Connector	F - Full Yoke Y - Track Mount L - Floor Mount W - Wall Mount C - Ceiling Mount P - Pole Mount N - N/A	T - 10 degree 1 - 19 degree 2 - 25 degree 3 - 30 degree N - No Lens	S - Snoot G - Gobo positioning wheel N - N/A
<b>Example:</b>						
ImageSpot ST	3	B	1	F	T	N

ie. ImageSpot ST-3B1FTN =  
Image Spot Standard, 3000K CCT, Black, DMX/RDM, No Connector, Full Yoke, 10 degree Lens, with no additional accessories.

### Image Spot® Accessories

- 296 00001 0013 Image Spot OPTI-FLECS™ Filter Pack
- 296 00001 0017 Image Spot USB to RJ45 Programming Cable (V1)
- 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](mailto:CTOrders@rosco.com)

# Table Specification for Image Spot® IP40

Type ID	Qty	Description	Manufacturer	Alternate Manufacturer	Light Source / Power Source			Control
					Color Temp.	LED Type	Watts/Volts	
		Interior 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		3000K or 5500K or UV @ 365nm peak wavelength	High Luminous Flux Density 12-die LED package	45w	Dimming control via DMX RDM or DALI RJ45 receptacle, Push DIM, 0-100% flicker-free dimming
Comments								
Top intensity can be set by potentiometer.								