

# Image Spot® IP40

An interior use rated compact LED projector with flicker-free 0 – 100% dimming, color temperature of 3000K or 5500K, and control via DMX. 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 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 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.
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 – 230 VAC
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 2400lm for 3000K model or 3000lm for 5500K model with beam angle determined by optional lenses of 19°, 25°, or 30°.
13. Color temperature shall be 3000K or 5500K.
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 IP40 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-00CW0R 12-die package.
23. Color temperature shall be 3000K/96CRI or 5500K/80 CRI.
24. Lumen Maintenance shall be 70,000 hours @ 25° C (LM-80 Standard).

## Control and Dimming

25. Luminaire shall be controllable via by DMX for dimming.
26. Luminaire shall be equipped with an RJ45 receptacle 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® IP40

## Specification Ordering Example for Image Spot® IP40

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

The product numbers for ordering the Image Spot IP40:

### Image Spot® IP40, With DMX

296 00004 0401 Image Spot 5500K - IP40 - w/o Lens - Black  
296 00004 0402 Image Spot 5500K - IP40 - w/o Lens - White  
296 00004 0403 Image Spot 5500K - IP40 - w/o Lens - Silver  
296 00003 0401 Image Spot 3000K - IP40 - w/o Lens - Black  
296 00003 0402 Image Spot 3000K - IP40 - w/o Lens - White  
296 00003 0403 Image Spot 3000K - IP40 - w/o Lens - Silver

### 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 0013 Image Spot OPTI-FLECS™ Filter Pack  
296 00001 0017 Image Spot USB to RJ45 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](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<br>or<br>5500K        | LEDEngin<br>LZC-00CW0R<br>12-die package | 45w         | DMX control via RJ45 receptacle,<br>0 – 100% flicker-free dimming |
| Comments                                   |     |   |              |                        |                             |  |             |   |
| Top intensity can be set by potentiometer. |     |   |              |                        |                             |  |             |   |