Image Spot® HO

ROSCO

Brilliant Imaging.

Crystal clear optics provide vivid projections up to 75ft. (22m) away! With 80W of power supplied by an external driver, the Image Spot HO LED projector features an incredible amount of light output from its versatile and compact design.

Image Spot HO is available in warm white (3000K) and cool white (5500K) models, and its multiple mounting options and IP65 rating make it easy to install in any environment.

Four specifiable beam optics make the Image Spot HO the go-to solution for demanding gobo or spotlight applications, including museums, themed environment, and hospitality venues.

Project:	Type:
Quantity:	Location:

KEY FEATURES

• 80W LED array produces bright gobo projections

• 10°, 19°, 25° or 30° beam optics provide superb image uniformity and fringe-free shadows

• IP65 rating allows for indoor or outdoor applications

• External driver accepts universal line voltage input for operation anywhere around the globe

• 0-10V, 10V PWM signal, potentiometer & DALI dimming options through external driver

• Passive cooling for silent operation

• Accepts Rosco Image Spot Gobos and Permacolor Dichroic Glass Color Filters
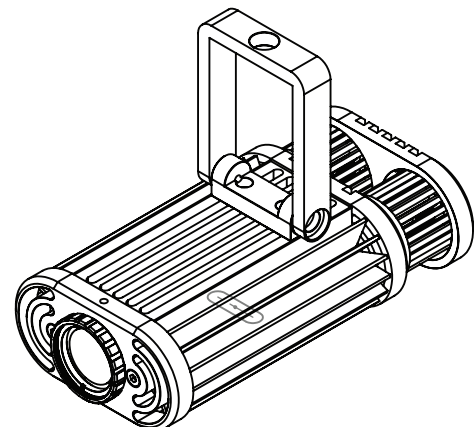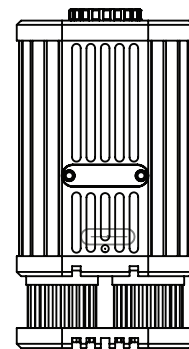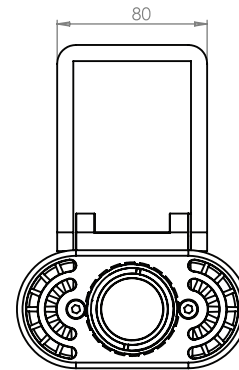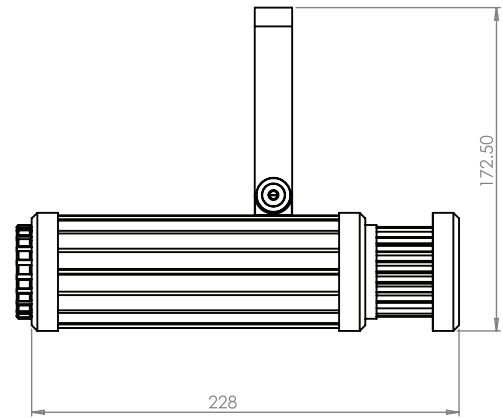
SPECIFICATIONS

Luminaire

Input Voltage:	Minimum 39VDC (from external driver)
Power Consumption:	80 Watts at maximum output
Color Temp. Options:	5500K or 3000K
CRI:	5500K Model: 80 3000K Model: 95
Output:	5500K Model: 2900 lumens estimated 3000K Model: 1600 lumens estimated
Lumen Maintenance:	50,000 hours at 45°C (LM-79-08)
Power Connection:	6.5 ft (2m) hybrid data/mains cable (IP65) (IP68 cable joiner included for connection from fixture to external driver)
Data:	0-10V or DALI via external driver In and thru, hybrid IP65 power & data cable
Dimensions:	Image Spot HO (including yoke): 8.9 in x 4.8 in x 6.8 in (228mm 123mm x 172.5mm)
Weight:	Image Spot HO: 4.4lbs (2kg) Image Spot HO with external driver: 5.9lbs (2.7kg)
Operating Temp.:	-13° to 104° F (-25° to 40° C)
Humidity:	0 - 95% non-condensing
Housing:	Anodized Aluminum Extrusion
Approvals:	ETL / UL Standards #62368-1 and #60950-22 cETL / CSA C22.2 #62368-1 and #6095-22 CE IP65 Rated (outdoor use)

Image Spot® HO

SPECIFICATIONS

External Drivers

Power Input:	75W, 100-305 VAC
Output:	1400mA, 27-54VDC
Power factor:	PF _0.97/115VAC, PF_0.95/230VAC, PF_0.92/277VAC (full load)
Efficiency:	90%
Dimensions:	7 in x 2.5 in x 1.4 in (180mm x 63mm x 35.5 mm)
Weight:	1.5lbs (.68kg)
Power/Data Connections:	Unterminated leads 12 in. (300cm) IP68 cable joiner included for connection from fixture to driver
Approvals:	Compliant with Safety Extra Low Voltage (SELV) standard.

Image Spot HO Driver, Dimmable, 3-in-1

IP rating:	IP65
Dimming range:	8~100%
Dimming control:	0-10V/PWM/Resistance built-in potentiometer

Image Spot HO Driver, Dimmable, DALI

IP rating:	IP67
Dimming range:	8~100%
Dimming control:	DALI control technology

Image Spot® HO

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Specification Order Codes

UNIT	CCT	Finish	Dimmable Driver	Mounting	Lens	Optional Accessory
Image Spot HO	3 - 3000K 5 - 5500K O - Custom*	B - Black O - Custom RAL*	3 - 3-in-1 Control** 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	S - Snoot N - N/A

Example:

ImageSpot HO — 3 — B — 3 — F — T — N

ie. ImageSpot HO-3B3FTN =
Image Spot HO, 3000K, Black, 3-in-1 Dimmable Driver, Full Yoke, 10 degree Lens, with no additional accessories

*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 with onboard potentiometer control options

Name: _____ **Date:** _____

Company Name: _____

Project: _____

Image Spot® HO

Image Spot® HO Accessories

Item Code	Description
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 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

Image Spot Gobos & Permacolor Filters

For optimum image quality and performance, use Rosco Image Spot Gobos and Permacolor Filters, which feature custom bezels enable a secure fit inside the Image Spot gobo cassette.

Image Spot® HO Gobos

Item Code	Description
Standard Gobos	
XXXXX-SPOT	Image Spot Standard Gobo
	XXXXX = The five digit standard gobo number
Custom Gobos	
250 72101 SPOT	Image Spot Custom Steel Gobo
260 CUSBW OSPO	Image Spot Custom B&W Glass Gobo
260 CUS1C OSPO	Image Spot Custom One-Color Glass Gobo
260 CUS2C OSPO	Image Spot Custom Two-Color Glass Gobo
260 CUSMC OSPO	Image Spot Custom Multi-Color Glass Gobo

Permacolor™ Dichroic Filters

Item Code	Description
XXXXX-SPOT	Image Spot Permacolor Dichroic Glass Filter XXXX = the four digit color number (includes bezel to fit inside gobo cassette)

Image Spot® HO
Photometrics

PHOTOMETRIC DATA FOR 3000K
10°

Cone of Light Tabulation

| Mounting Height | | LUX | Footcandles at Nadir | Diameter | |
Feet	Meters			Feet	Meters
4.00	1.2	14672	1363	0.574	.2
6.00	1.8	6521	605	0.869	.3
8.00	2.4	3668	340	1.148	.35
10.0	3.0	2437	218	1.444	.4
12.0	3.6	1630	151	1.722	.5
14.0	4.2	1197	111	2.018	.6
16.0	4.8	917	85	2.313	.7

PHOTOMETRIC DATA FOR 5500K
10°

Cone of Light Tabulation

| Mounting Height | | LUX | Footcandles at Nadir | Diameter | |
Feet	Meters			Feet	Meters
4.00	1.2	24920	2315	.574	.2
6.00	1.8	11076	1029	.869	.3
8.00	2.4	6230	579	1.148	.35
10.0	3.0	3987	370	1.444	.4
12.0	3.6	2769	257	1.722	.5
14.0	4.2	2034	189	2.018	.6
16.0	4.8	1557	145	2.313	.7

PHOTOMETRIC DATA FOR 3000K
19°

Cone of Light Tabulation

| Mounting Height | | LUX | Footcandles at Nadir | Diameter | |
Feet	Meters			Feet	Meters
4.00	1.2	4722	439	1.263	.4
6.00	1.8	2099	195	1.903	.6
8.00	2.4	1181	110	2.543	.8
10.0	3.0	755	70	3.182	1
12.0	3.6	524	49	3.806	1.2
14.0	4.2	385	36	4.445	1.4
16.0	4.8	295	27	5.085	1.6

PHOTOMETRIC DATA FOR 5500K
19°

Cone of Light Tabulation

| Mounting Height | | LUX | Footcandles at Nadir | Diameter | |
Feet	Meters			Feet	Meters
4.00	1.2	8020	745	1.263	.4
6.00	1.8	3564	331	1.903	.6
8.00	2.4	2005	186	2.543	.8
10.0	3.0	1283	119	3.182	1
12.0	3.6	891	83	3.806	1.2
14.0	4.2	655	61	4.445	1.4
16.0	4.8	501	47	5.085	1.6

PHOTOMETRIC DATA FOR 3000K
25°

Cone of Light Tabulation

| Mounting Height | | LUX | Footcandles at Nadir | Diameter | |
Feet	Meters			Feet	Meters
4.00	1.2	2505	232	1.838	.6
6.00	1.8	1113	103	2.772	.8
8.00	2.4	626	58	3.674	1.1
10.0	3.0	401	37	4.610	1.4
12.0	3.6	278	26	5.512	1.6
14.0	4.2	204	19	6.447	1.7
16.0	4.8	157	14	7.365	2

PHOTOMETRIC DATA FOR 5500K
25°

Cone of Light Tabulation

| Mounting Height | | LUX | Footcandles at Nadir | Diameter | |
Feet	Meters			Feet	Meters
4.00	1.2	4253	395	1.837	.6
6.00	1.8	1890	176	2.772	.8
8.00	2.4	1063	99	3.674	1.1
10.0	3.0	680	63	4.610	1.4
12.0	3.6	473	44	5.512	1.7
14.0	4.2	347	32	6.447	2
16.0	4.8	266	25	7.365	2.2

PHOTOMETRIC DATA FOR 3000K
30°

Cone of Light Tabulation

| Mounting Height | | LUX | Footcandles at Nadir | Diameter | |
Feet	Meters			Feet	Meters
4.00	1.2	1731	161	1.985	.6
6.00	1.8	769	71	2.969	.9
8.00	2.4	433	40	3.953	1.2
10.0	3.0	277	26	4.938	1.5
12.0	3.6	192	18	5.938	1.8
14.0	4.2	141	13	6.923	2.1
16.0	4.8	108	10	7.907	2.4

PHOTOMETRIC DATA FOR 5500K
30°

Cone of Light Tabulation

| Mounting Height | | LUX | Footcandles at Nadir | Diameter | |
Feet	Meters			Feet	Meters
4.00	1.2	2940	273	1.985	.6
6.00	1.8	1307	121	2.969	9
8.00	2.4	735	68	3.953	1.2
10.0	3.0	470	44	4.938	1.5
12.0	3.6	327	30	5.938	1.8
14.0	4.2	240	22	6.923	2
16.0	4.8	184	17	7.907	2.4