X-Effects® LED Projector

Create dynamic lighting effects in a wide range of indoor or outdoor venues with this innovative LED effects projector. Capable of throws up to 33-ft (10m) with four available lens options, the Rosco X-Effects LED Projector is engineered to create stunning illumination effects.

Using a maximum 65 watts of power, the Rosco X-Effects LED Projector packs an amazing amount of output into a compact package – making it the ideal dynamic lighting fixture for museums, aquariums and hospitality venues. Available in 5500K Cool White or RGBW LED models, the X-Effects LED generates vivid water, fire and other 3D effects by projecting light through its unique optical path of off-set, overlapping gobos.

KEY FEATURES

- 60W LED array with 5500K Cool White or RGBW LED options
- Four lens optics provide a wide range of beam angles: 19°, 30°, 50° and 70°
- Accepts gobos designed for the X-Effects LED projector to create vivid, dynamic 3D lighting effects
- Passive cooling for completely silent operation
- Accepts universal line voltage (100-240 VAC) enabling operation anywhere around the globe
- On-board dimming and speed controls
- DMX512 compatibility provides flicker-free dimming throughout the range: 100% ~ 0%
- RDM capable
- IP65 rated for outdoor use
- Color Options: Black, White and Silver

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SPECIFICATIONS

Input Voltage:	100-240VAC
Power Consumption:	65 Watts at maximum output
Output:	5500K: 3,500 lumens
	RGBW: 1,500 lumens
LED Array:	5500K or RGBW (White LED = 5500K)
Lumen Maintenance:	50,000 hours at 45C (LM-79-08)
Power Connection:	6-ft (2m) insulated with female UTL connector (user end unterminated)
Data:	DMX512 In/Out via UTL Connector on luminaire
	X-Effects LED 5500K – 5 Control Channels
	X-Effects LED RGBW – 8 Control Channels
	RDM compatible
Operating Temp.:	-13° to 113° F (-20° to 45° C)
Environment:	IP65 rated
Housing:	Powder Coated Aluminum
Approvals:	ETL / UL Standards #1573 and # 8750
	cETL / CSA C22.2 #166
	CE
Dimensions:	10.25"Wx 7.4"Lx 9"H
	(26cm x 18.6cm x 22.9cm)
Weight:	9 lbs (4.1 kg)

X-Effects LED Projector	
Item Code	**Description**
297000055001	X-Effects LED Projector, 5500K, Black
297000055002	X-Effects LED Projector, 5500K, White
297000055003	X-Effects LED Projector, 5500K, Silver
2970000RGBW1	X-Effects LED Projector, RGBW, Black
2970000RGBW2	X-Effects LED Projector, RGBW, White
2970000RGBW3	X-Effects LED Projector, RGBW, Silver

X-Effects® LED Projector

X-Effects LED Accessories

Item Code	Description
297000000019	X-Effects LED Projector 19° Lens - Black
297000000030	X-Effects LED Projector 30° Lens - Black
297000000050	X-Effects LED Projector 50° Lens - Black
297000000070	X-Effects LED Projector 70° Lens - Black
297000000S19	X-Effects LED Projector 19° Lens - Silver
297000000S30	X-Effects LED Projector 30° Lens - Silver
297000000S50	X-Effects LED Projector 50° Lens - Silver
297000000S70	X-Effects LED Projector 70° Lens - Silver
296000010012	Safety Cable, 3' (1m)
296000005001	Rosco Pole Mount Accessory - Black
296000005002	Rosco Pole Mount Accessory - White
296000005003	Stainless Steel Strap Kit for Rosco Pole Mount
296000005004	Rosco Wall Mount Accessory - Black
296000005005	Rosco Wall Mount Accessory - White
	Static Filter Part Numbers
297000000085	X-Effects LED Amber Fire Effect FIlter
297000000090	X-Effects LED Green Aurora Effect Filter
297000000095	X-Effects LED Cyan Water Effect Filter
120P*YYYY*SXFX	X-Effects LED Permacolor Dichroic Glass Filter *YYYY* = four digit color number
	Static Gobo Part Numbers
250*XXXXX*SXFX	X-Effects LED Static Standard Steel Gobo *XXXXX* = five digit standard gobo number
255*XXXXX*SXFX	X-Effects LED Static Image Glass Gobo *XXXXXX* = five digit gobo number
255*XXXXX*SXFX	X-Effects LED Static ColorWave Gobo *XXXXXX* = five digit gobo number
2507210ISXFX	X-Effects LED Static Custom Steel Gobo
260CUSBWSXFX	X-Effects LED Static Custom B&W Glass Gobo
260CUS1CSXFX	X-Effects LED Static Custom One-Color Glass Gobo
260CUS2CSXFX	X-Effects LED Static Custom Two-Color Glass Gobo
260CUSMCSXFX	X-Effects LED Static Custom Multi-Color Glass Gobo
	(Continued)

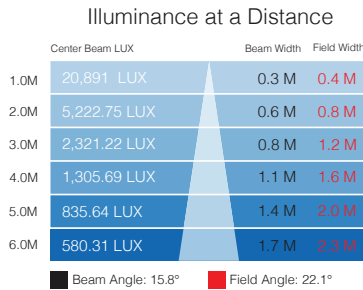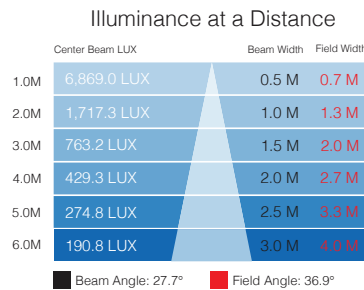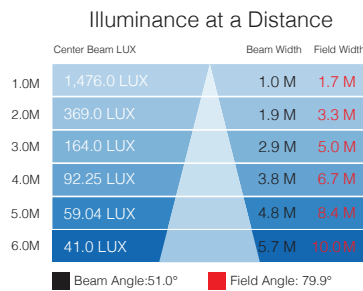| X-Effects LED Accessories (continued)	
Item Code	**Description**
	Dynamic X-Effects LED Gobo Part Numbers
297000000075	X-Effects LED Replacement Dynamic X-Effects Glass (96mm)
255***XXXXX***DXFX	X-Effects LED Dynamic Image Glass Gobo ***XXXXXX*** = five digit gobo number
255***XXXXX***DXFX	X-Effects LED Dynamic ColorWave Gobo ***XXXXXX*** = five digit gobo number
2507210IDXFX	X-Effects LED Dynamic Custom Steel Gobo
260CUSBWDXFX	X-Effects LED Dynamic Custom B&W Glass Gobo
260CUS1CDXFX	X-Effects LED Dynamic Custom One-Color Glass Gobo
260CUS2CDXFX	X-Effects LED Dynamic Custom Two-Color Glass Gobo
260CUSMCDXFX	X-Effects LED Dynamic Custom Multi-Color Glass Gobo

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PHOTOMETRICS

5500K

Photometric Data for X-Effects LED 5500K 19 Degree Lens
Illuminance at a Distance

	Center Beam LUX	Beam Width	Field Width
1.0M	20,891 LUX	0.3 M	0.4 M
2.0M	5,222.75 LUX	0.6 M	0.8 M
3.0M	2,321.22 LUX	0.8 M	1.2 M
4.0M	1,305.69 LUX	1.1 M	1.6 M
5.0M	835.64 LUX	1.4 M	2.0 M
6.0M	580.31 LUX	1.7 M	2.3 M

Beam Angle: 15.8° Field Angle: 22.1°

Photometric Data for X-Effects LED 5500K 30 Degree Lens
Illuminance at a Distance

	Center Beam LUX	Beam Width	Field Width
1.0M	6,869.0 LUX	0.5 M	0.7 M
2.0M	1,717.3 LUX	1.0 M	1.3 M
3.0M	763.2 LUX	1.5 M	2.0 M
4.0M	429.3 LUX	2.0 M	2.7 M
5.0M	274.8 LUX	2.5 M	3.3 M
6.0M	190.8 LUX	3.0 M	4.0 M

Beam Angle: 27.7° Field Angle: 36.9°

Photometric Data for X-Effects LED 5500K 50 Degree Lens
Illuminance at a Distance

	Center Beam LUX	Beam Width	Field Width
1.0M	1,476.0 LUX	1.0 M	1.7 M
2.0M	369.0 LUX	1.9 M	3.3 M
3.0M	164.0 LUX	2.9 M	5.0 M
4.0M	92.25 LUX	3.8 M	6.7 M
5.0M	59.04 LUX	4.8 M	8.4 M
6.0M	41.0 LUX	5.7 M	10.0 M

Beam Angle: 51.0° Field Angle: 79.9°

Photometric Data for X-Effects LED 5500K 70 Degree Lens
Illuminance at a Distance

	Center Beam LUX	Beam Width	Field Width
1.0M	1,314.0 LUX	1.2 M	1.5 M
2.0M	328.50 LUX	2.3 M	3.0 M
3.0M	146.0 LUX	3.5 M	4.5 M
4.0M	82.13 LUX	4.7 M	6.0 M
5.0M	52.56 LUX	5.8 M	7.5 M
6.0M	36.50 LUX	7.0 M	9.1 M

Beam Angle: 60.0° Field Angle: 74.2°
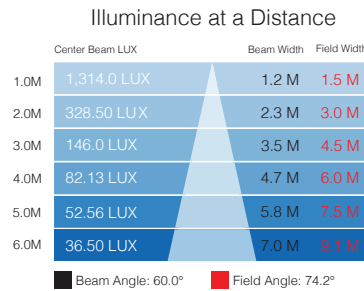
RGBW

Photometric Data for X-Effects LED RGBW 19 Degree Lens
Illuminance at a Distance

	Center Beam LUX	Beam Width	Field Width
1.0M	15,701 LUX	0.3 M	0.4 M
2.0M	3,925.25 LUX	0.6 M	0.8 M
3.0M	1,744.56 LUX	0.9 M	1.2 M
4.0M	981.31 LUX	1.2 M	1.6 M
5.0M	628.04 LUX	1.5 M	2.0 M
6.0M	436.14 LUX	1.7 M	2.3 M

Beam Angle: 16.9° Field Angle: 22.7°
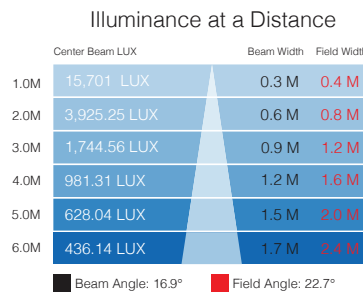
Photometric Data for X-Effects LED RGBW 30 Degree Lens
Illuminance at a Distance

	Center Beam LUX	Beam Width	Field Width
1.0M	4,874.0 LUX	0.5 M	0.7 M
2.0M	1,218.5 LUX	1.1 M	1.3 M
3.0M	541.6 LUX	1.6 M	2.0 M
4.0M	304.6 LUX	2.1 M	2.6 M
5.0M	194.9 LUX	2.4 M	3.2 M
6.0M	135.4 LUX	3.1 M	3.9 M

Beam Angle: 28.6° Field Angle: 36.1°
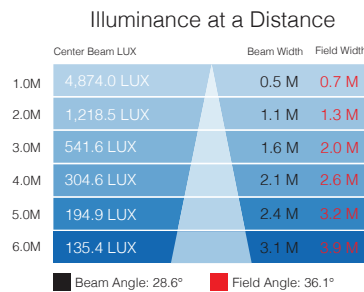
Photometric Data for X-Effects LED RGBW 50 Degree Lens
Illuminance at a Distance

	Center Beam LUX	Beam Width	Field Width
1.0M	1,362.0 LUX	1.0 M	1.7 M
2.0M	340.5 LUX	2.0 M	3.4 M
3.0M	151.3 LUX	3.0 M	5.1 M
4.0M	85.1 LUX	4.0 M	6.8 M
5.0M	54.5 LUX	5.0 M	8.4 M
6.0M	37.8 LUX	6.0 M	10.1 M

Beam Angle: 53.5° Field Angle: 80.3°
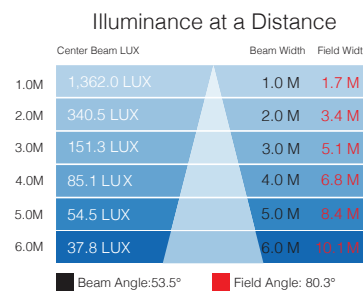
Photometric Data for X-Effects LED RGBW 70 Degree Lens
Illuminance at a Distance

	Center Beam LUX	Beam Width	Field Width
1.0M	1,284.0 LUX	1.2 M	1.5 M
2.0M	321.0 LUX	2.3 M	3.0 M
3.0M	142.7 LUX	3.5 M	4.6 M
4.0M	80.25 LUX	4.7 M	6.1 M
5.0M	51.36 LUX	5.8 M	7.6 M
6.0M	35.67 LUX	7.0 M	9.1 M

Beam Angle: 60.0° Field Angle: 74.2°