

Dynamic Lighting Effects

Create dynamic lighting effects in a wide range of indoor or outdoor venues with this innovative LED effects projector. Capable of throws up to 65ft (20m) with four available lens options, the Rosco X-Effects LED Projector is engineered to create stunning illumination effects.

Using a maximum 90 watts of power, the Rosco X-Effects LED Projectors pack an amazing amount of output into a compact package – making them the ideal dynamic lighting fixtures 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 their rotating, off-set, overlapping gobos.

| | |
|-----------|-----------|
| Project: | Type: |
| Quantity: | Location: |



KEY FEATURES

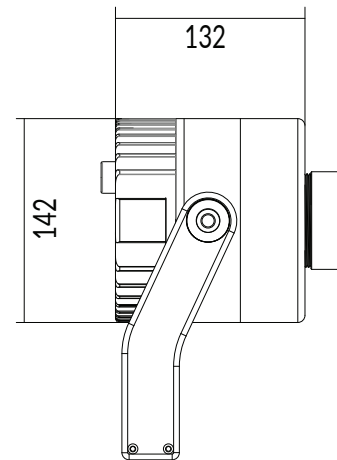
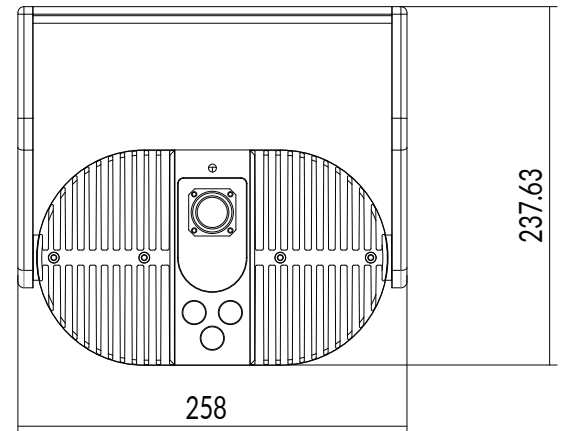
- 45W or 90W (HO) LED array with 5500K Cool White or RGBW LED options
- Four lens optics provide a wide range of beam angles: 19°, 30°, 50° and 70°
- Accepts gobos designed for the X-Effects LED projector to create vivid, dynamic 3D lighting effects
- Passive cooling for completely silent operation
- Accepts universal line voltage (100-240 VAC) enabling operation anywhere around the globe with no external driver
- On-board dimming and speed controls
- DMX512 compatibility provides flicker-free dimming throughout the range: 100% ~ 0%
- RDM capable
- IP65 rated for outdoor use
- Available in Black, White, Silver and custom RAL color

X-Effects® LED Projector

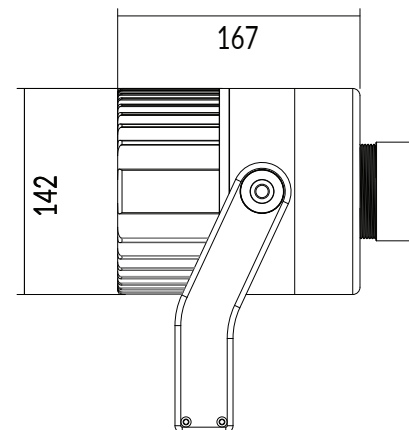


SPECIFICATIONS

| | |
|--------------------|---|
| Input Voltage: | 100-240VAC |
| Power Consumption: | 45 or 90(HO) Watts at maximum output |
| LED Source Output: | RGBW LED - 1072 lumens / 2840 lumens (HO) 5500K LED - 3000 lumens / 5600 lumens (HO) |
| LED Array: | 5500K or RGBW (White LED = 5500K) UV also available |
| Lumen Maintenance: | 50,000 hours at 45C (LM-79-08) |
| Power Connection: | Insulated IP65 Hybrid Power/Data Cable with UTL connector |
| 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: | 5.5"L x 10.1"W x 5.8"H 5.5"L x 10.1"W x 6.5"H - HO (14.2cm x 25.8cm x 14.8cm 14.2cm x 25.8cm x 16.7cm - HO) Yoke Center Hole: 5/8" (16mm) |
| Weight: | 9 lbs (4.1 kg)/13 lbs (5.8 kg) HO |



HO



X-Effects® LED Projector



Specification Order Codes

| Unit & LED | Output | Finish | Lens | Accessories | Mounting | Wiring*** |
|--|--|---|--|--|--|---|
| XFX-5500 - X-Effects LED 5500K Cool White XFX-RGBW - X-Effects LED RGBW | 45 - Standard Output (45 Watt) 90 - High Output (90 Watt) | B - Black W - White S - Silver M - Marine Coating C - Custom* (Provide RAL number) | 19 - 19 degree 30 - 30 degree 50 - 50 degree 70 - 70 degree N - No Lens Required | L - Lens Cover F - Framing Shutters C - Waterproofing Connector Caps Installed** K - Waterproofing Connector Caps Kit Uninstalled** | P - Pole Mount W - Wall Mount S - Surface Mount N - N/A (Standard yoke) TA - Stucchi Track Adapter | U : Unterminated user end 6ft (2m) Cable T : Terminated user end (Nema 5-15P, XLR 5-pin in/out) 20ft (6m) Cable TA - Stucchi Track Adapter |

Example:

XFX-5500 90 BM 50 FC W T

ie. XFX-5500-90-B-50-F-W-T =

X-Effects LED HO Output, 5500K Cool White in Black with Marine Coating with a 50-degree lens, set of Shutters, Waterproofing Connector Caps Installed, a Wall Mount, and Terminated cable.

*Minimum order quantity may apply depending on RAL color selected.

Waterproofing Connector Caps protect the fixture and cable connectors from water ingress when the cable and fixture are not connected, such as during installation or servicing. Please refer to **Waterproofing Connector Caps Installation Guide for information on installation.

***Custom cable lengths may be subject to additional cost and MOQ. Rosco provided Stucchi Track Adapter and track system are from Stucchi's ONETRACK UL and are available for 120V 2-circuit or 3-circuit track. Contact Project.Management@rosco.com to order Stucchi track system and custom cable lengths.

Name: _____ Date: _____

Company Name: _____

Project: _____

X-Effects LED Projectors

Please note, X-Effects LED Projectors do not ship with a lens and will come with an unterminated cable unless specified.

| Item Code | Description |
|--------------|---|
| 2970000RGBW1 | X-Effects LED Projector, RGBW, IP65, Black |
| 2970000RGBW2 | X-Effects LED Projector, RGBW, IP65, White |
| 2970000RGBW3 | X-Effects LED Projector, RGBW, IP65, Silver |
| 2971000RGBW1 | X-Effects LED HO Projector, RGBW IP65, Black |
| 2971000RGBW2 | X-Effects LED HO Projector, RGBW, IP65, White |
| 2971000RGBW3 | X-Effects LED HO Projector, RGBW, IP65, Silver |
| 297000055001 | X-Effects LED Projector, 5500K, IP65, Black |
| 297000055002 | X-Effects LED Projector, 5500K, IP65, White |
| 297000055003 | X-Effects LED, Projector 5500K, IP65, Silver |
| 297100055001 | X-Effects LED HO Projector, 5500K, IP65, Black |
| 297100055002 | X-Effects LED HO Projector, 5500K, IP65, White |
| 297100055003 | X-Effects LED HO Projector, 5500K, IP65, Silver |

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 |
| 297000000010 | Rosco X-Effects LED Framing Shutters - Set of 4 |
| 296000010012 | Safety Cable, 3' (1m) |
| 296000005101 | Rosco Pole Mount Accessory - Black |
| 296000005102 | Rosco Pole Mount Accessory - White |
| 296000005103 | 3-pack 24 Stainless Steel Straps for Rosco Pole Mount |
| 296000005104 | Rosco Wall Mount Accessory - Black |
| 296000005105 | Rosco Wall Mount Accessory - White |
| 296000005106 | Rosco Surface Mount Accessory - Black |
| 296000005107 | Rosco Surface Mount Accessory - White |
| 297000000020 | X-Effects LED Lens Cover Threaded |
| 515910250001 | C-Clamp (1.5 - 2" OD Pipe) |
| 297000000006 | X-Effects Terminated Cable Connectors Installed (Nema 5-15P, XLR in/out) |
| 297000000005 | X-Effects LED Projector Power/Data Cable (Unterminated) |
| 297000000043 | X-Effects Waterproofing Connector Caps Pair Kit Uninstalled |
| 297000000042 | X-Effects Waterproofing Connector Waterproof Caps Pair Installed |
| 297100000021 | X-Effects LED Stucchi Track Adaptor 2 Circuit - Black |
| 297100000022 | X-Effects LED Stucchi Track Adaptor 2 Circuit - White |
| 297100000031 | X-Effects LED Stucchi Track Adaptor 3 Circuit - Black |
| 297100000032 | X-Effects LED Stucchi Track Adaptor 3 Circuit - White |

X-Effects LED Color Filter & Gobos

| | <i>Static Filter Part Numbers</i> |
|--------------|--|
| 297000000085 | X-Effects LED Amber Fire Effect Filter |
| 297000000090 | X-Effects LED Green Aurora Effect Filter |
| 297000000095 | X-Effects LED Cyan Water Effect Filter |
| 120PYYYYSFX | X-Effects LED Permacolor Dichroic Glass Filter YYYY = four digit color number |
| | <i>Static Gobo Part Numbers</i> |
| 250XXXXXSFX | X-Effects LED Static Standard Steel Gobo XXXXX= five digit standard gobo number |
| 255XXXXXSFX | X-Effects LED Static Image Glass Gobo XXXXXX = five digit gobo number |
| 255XXXXXSFX | X-Effects LED Static ColorWave Gobo XXXXXX = five digit gobo number |
| 2507210ISFX | X-Effects LED Static Custom Steel Gobo |
| 260CUSBWSFX | X-Effects LED Static Custom B&W Glass Gobo |
| 260CUS1CSFX | X-Effects LED Static Custom One-Color Glass Gobo |
| 260CUS2CSFX | X-Effects LED Static Custom Two-Color Glass Gobo |
| 260CUSMCSFX | X-Effects LED Static Custom Multi-Color Glass Gobo |

Note: X-Effects LED Static Gobos/Filters are the same size as the Image Spot Gobos/Filters and can be used interchangeably (37.4mm with custom bezel). The custom bezel is required for gobos to fit Rosco units properly.

| | <i>Dynamic X-Effects LED Gobo Part Numbers</i> |
|--------------|---|
| 297000000075 | X-Effects LED Replacement Dynamic X-Effects Glass (96mm) |
| 2604BRUPDYWH | X-Effects LED 4-Pattern Gobo Wheel – Breakup |
| 2604FOLDYNWH | X-Effects LED 4-Pattern Gobo Wheel – Foliage |
| 2604LINDYNWH | X-Effects LED 4-Pattern Gobo Wheel – Linear |
| 255XXXXDXFX | X-Effects LED Dynamic Image Glass Gobo XXXXXX = five digit gobo number |
| 255XXXXDXFX | 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 |

Note: Combine any two Dynamic Effects Glass Gobos (96mm) including ColorWaves, Image Glass, and Custom Gobos; and a Static Gobo including Steel, Glass, Permacolor, or Custom, to create endless unique lighting effects.

Visit the Gobos page to see all of the available options: www.rosco.com/gobos

X-EFFECTS RECIPE VIDEOS



X-Effects® LED Projector

PHOTOMETRICS FOR 5500K & RGBW



RGBW

Photometric Data for
X-Effects LED RGBW
19 Degree Lens

Illuminance at a Distance

| | Center Beam LUX | Beam Width | Field Width |
|------|-----------------|------------|-------------|
| 1.0M | 7,448 LUX | 0.3 M | 0.4 M |
| 2.0M | 1,862 LUX | 0.6 M | 0.8 M |
| 3.0M | 827 LUX | 0.9 M | 1.2 M |
| 4.0M | 465 LUX | 1.2 M | 1.6 M |
| 5.0M | 297 LUX | 1.5 M | 2.0 M |
| 6.0M | 206 LUX | 1.7 M | 2.4 M |

Beam Angle: 16° Field Angle: 21°

Photometric Data for
X-Effects LED RGBW
30 Degree Lens

Illuminance at a Distance

| | Center Beam LUX | Beam Width | Field Width |
|------|-----------------|------------|-------------|
| 1.0M | 2,461 LUX | 0.5 M | 0.7 M |
| 2.0M | 615 LUX | 1.1 M | 1.3 M |
| 3.0M | 273 LUX | 1.4 M | 2.0 M |
| 4.0M | 153 LUX | 1.9 M | 2.6 M |
| 5.0M | 98 LUX | 2.4 M | 3.2 M |
| 6.0M | 68 LUX | 2.9 M | 3.9 M |

Beam Angle: 26° Field Angle: 36°

Photometric Data for
X-Effects LED RGBW
50 Degree Lens

Illuminance at a Distance

| | Center Beam LUX | Beam Width | Field Width |
|------|-----------------|------------|-------------|
| 1.0M | 691 LUX | 0.9 M | 1.3 M |
| 2.0M | 172 LUX | 1.8 M | 2.6 M |
| 3.0M | 76 LUX | 2.7 M | 3.9 M |
| 4.0M | 43 LUX | 3.6 M | 5.2 M |
| 5.0M | 27 LUX | 4.5 M | 6.5 M |
| 6.0M | 19 LUX | 5.4 M | 7.8 M |

Beam Angle: 48° Field Angle: 64°

Photometric Data for
X-Effects LED RGBW
70 Degree Lens

Illuminance at a Distance

| | Center Beam LUX | Beam Width | Field Width |
|------|-----------------|------------|-------------|
| 1.0M | 351 LUX | 1.2 M | 1.5 M |
| 2.0M | 87 LUX | 2.3 M | 3.0 M |
| 3.0M | 39 LUX | 3.5 M | 4.6 M |
| 4.0M | 21 LUX | 4.7 M | 6.1 M |
| 5.0M | 14 LUX | 5.8 M | 7.6 M |
| 6.0M | 9 LUX | 7.0 M | 9.1 M |

Beam Angle: 60.0° Field Angle: 82°

RGBW HO

Photometric Data for
X-Effects LED HO RGBW
19 Degree Lens

Illuminance at a Distance

| | Center Beam LUX | Beam Width | Field Width |
|------|-----------------|------------|-------------|
| 1.0M | 14,230 LUX | 0.3 M | 0.4 M |
| 2.0M | 3,557 LUX | 0.6 M | 0.8 M |
| 3.0M | 1,581 LUX | 0.9 M | 1.2 M |
| 4.0M | 889 LUX | 1.1 M | 1.6 M |
| 5.0M | 569 LUX | 1.4 M | 2.0 M |
| 6.0M | 395 LUX | 1.7 M | 2.4 M |

Beam Angle: 16° Field Angle: 21°

Photometric Data for
X-Effects LED HO RGBW
30 Degree Lens

Illuminance at a Distance

| | Center Beam LUX | Beam Width | Field Width |
|------|-----------------|------------|-------------|
| 1.0M | 5,025 LUX | 0.5 M | 0.7 M |
| 2.0M | 1,256 LUX | 1.1 M | 1.3 M |
| 3.0M | 558 LUX | 1.4 M | 2.0 M |
| 4.0M | 314 LUX | 1.9 M | 2.6 M |
| 5.0M | 201 LUX | 2.4 M | 3.2 M |
| 6.0M | 193 LUX | 2.9 M | 3.9 M |

Beam Angle: 28° Field Angle: 36°

Photometric Data for
X-Effects LED HO RGBW
50 Degree Lens

Illuminance at a Distance

| | Center Beam LUX | Beam Width | Field Width |
|------|-----------------|------------|-------------|
| 1.0M | 1,548 LUX | 0.9 M | 1.3 M |
| 2.0M | 387 LUX | 1.8 M | 2.6 M |
| 3.0M | 172 LUX | 2.7 M | 3.9 M |
| 4.0M | 96 LUX | 3.6 M | 5.2 M |
| 5.0M | 61 LUX | 4.5 M | 6.5 M |
| 6.0M | 43 LUX | 5.4 M | 7.8 M |

Beam Angle: 48° Field Angle: 64°

Photometric Data for
X-Effects LED HO RGBW
70 Degree Lens

Illuminance at a Distance

| | Center Beam LUX | Beam Width | Field Width |
|------|-----------------|------------|-------------|
| 1.0M | 757 LUX | 1.2 M | 1.5 M |
| 2.0M | 189 LUX | 2.3 M | 3.0 M |
| 3.0M | 84 LUX | 3.5 M | 4.6 M |
| 4.0M | 47 LUX | 4.7 M | 6.1 M |
| 5.0M | 30 LUX | 5.8 M | 7.6 M |
| 6.0M | 21 LUX | 7.0 M | 9.1 M |

Beam Angle: 60.0° Field Angle: 74°

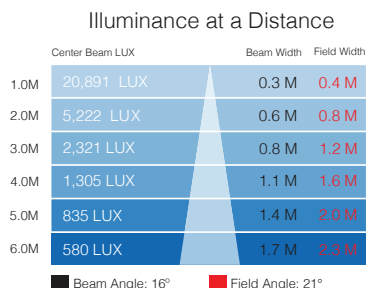
X-Effects® LED Projector

PHOTOMETRICS FOR 5500K & RGBW

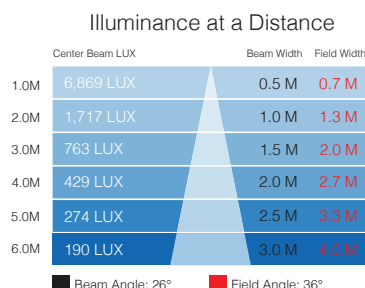


5500K

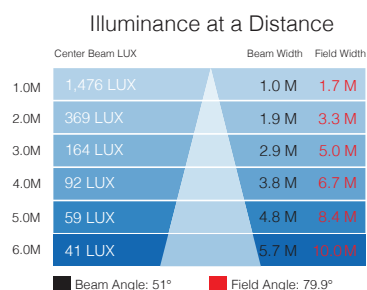
Photometric Data for
X-Effects LED 5500K
19 Degree Lens



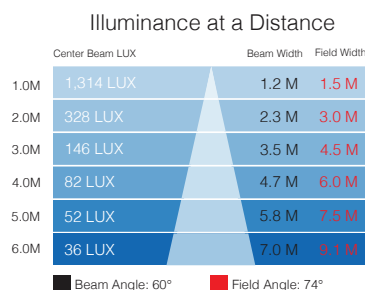
Photometric Data for
X-Effects LED 5500K
30 Degree Lens



Photometric Data for
X-Effects LED 5500K
50 Degree Lens

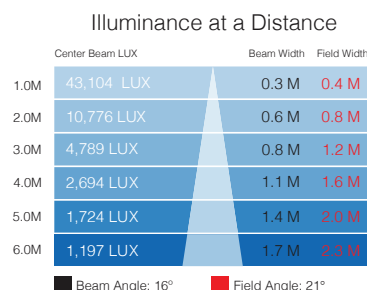


Photometric Data for
X-Effects LED 5500K
70 Degree Lens

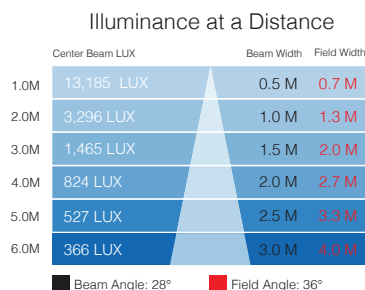


5500K HO

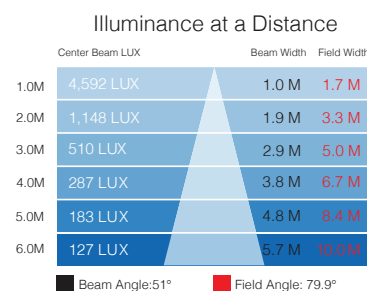
Photometric Data for
X-Effects LED HO 5500K
19 Degree Lens



Photometric Data for
X-Effects LED HO 5500K
30 Degree Lens



Photometric Data for
X-Effects LED HO 5500K
50 Degree Lens



Photometric Data for
X-Effects LED HO 5500K
70 Degree Lens

