

Rosco Arch & Ent LED Product Review

Presented by Joshua Dagg
March 19, 2026

Rosco's Mission



Rosco leads with innovative solutions allowing creative people to achieve their vision

Markets

- Themed Entertainment
- Hospitality & Retail
- Museum & Exhibit
- Corporate & Commercial

Applications

- Color, Creativity, Custom
- Eye-catching & Immersive Features
- Subtle to Dramatic Effects



Rosco LED Products Intro



Image Spot® Family



Static Gobo Projectors

X-Effects® LED Family



HO

Dynamic Gobo Projectors

Cube Family



Compact Wash Lights

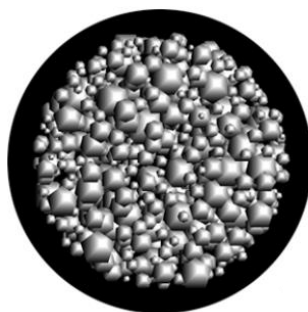
Custom LitePad® Family



Made-to-Order Backlighting Solution

GOes Before Optics

Steel



Glass

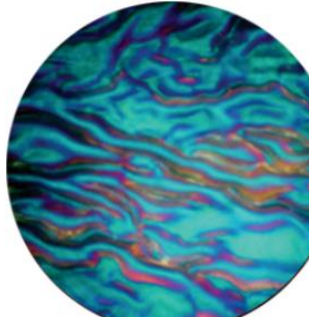




Image Spot

Static Gobo Projector

Lighting Designer – [Quartiers Lumières](#)

Artist – [Aymeric Reumaux](#)

Project – [Château de Bonaguil](#)

Image Spot® Family



Image Spot HO

- 75 Watt LED
- 5500K – 5600lm/80CRI
- 3000K – 3100lm/96CRI
- 8.9 in x 4.8in x 6.8 in
- 4.4lbs (no driver)
- External Driver



Image Spot

- 40 Watt LED
- 5500K – 3000lm/80CRI
- 3000K – 1680lm/96CRI
- 7.8 in x 4.8in x 6.8 in
- 5.3lbs
- Internal Driver
- High Temp (HT) Option



Image Spot Mini

- 14 Watt LED
- 5500K – 400lm/75CRI
- 3000K – 300lm/98CRI
- 4.7 in x 3.4in x 1.9 in
- 2.2lbs (no driver)
- External Driver

Why Image Spot?



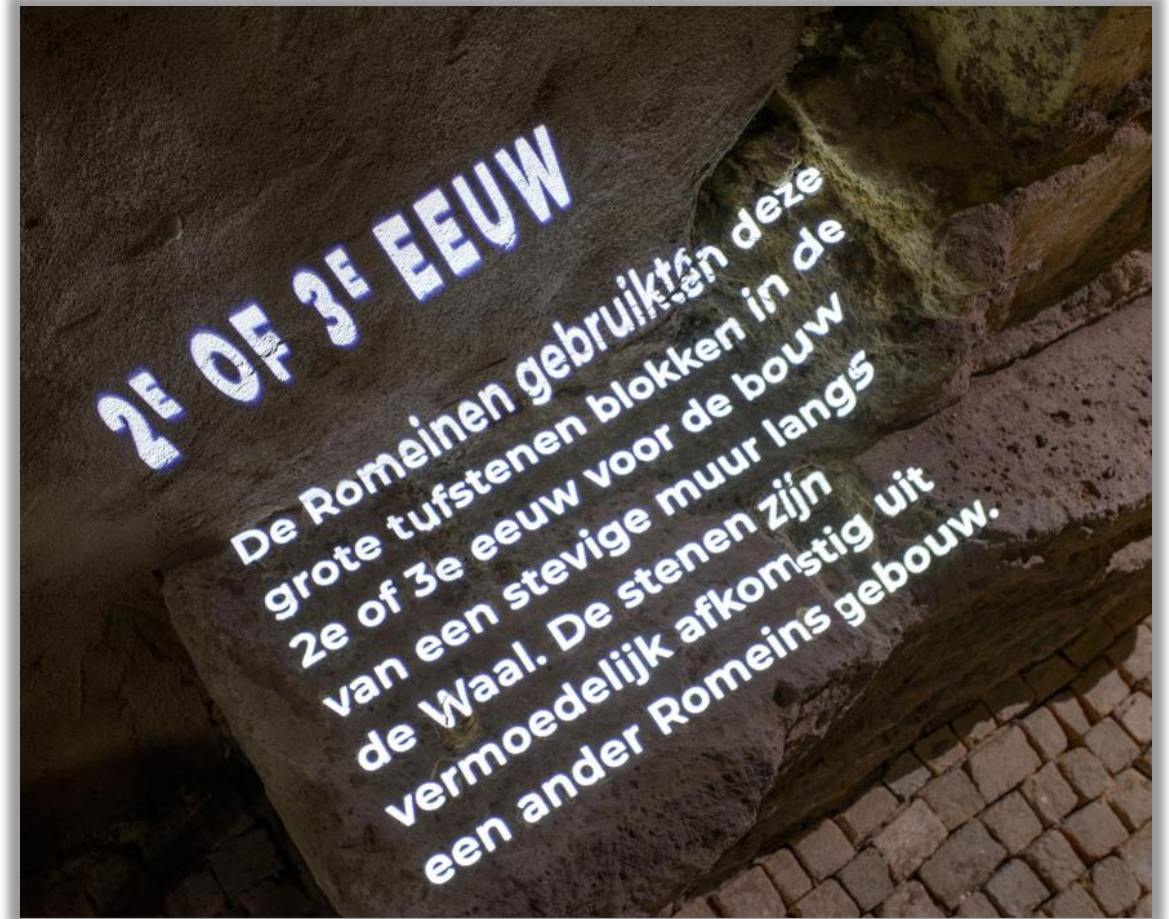
Purpose built for highest output & resolution static gobo projection

(not a Swiss army knife)

- Vivid gobo projection 75 feet away
- Accepts 2 gobos or color filters
- Blends into installation environments
- Passive cooling
- IP65



Image Spot - Superior Optics



ETC LED Profile (left) Image Spot (right)

- Crisp, clear images across entire field
- Projection-like clarity

Image Spot Product Details



- IP65 Outdoor-rated
- Track Mountable
- Black, White, Silver, Custom (w/ MOQ)
- 40 Watt LED
- Available beam angles: 10°, 19°, 25°, 30°
- DMX/RDM, 0-10V, DALI, On/Off
- High temp (HT) Available (Up to 50° C)
- Ultraviolet 365nm LED Available



Image Spot® HO Product Details



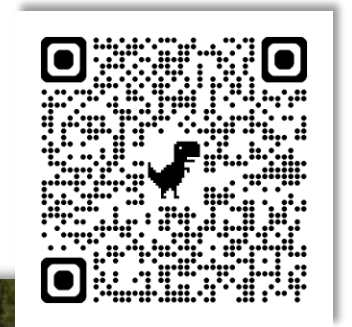
- 75 Watt LED
- Same accessories as Image Spot
- External Driver
 - 0-10V, DMX/RDM, DALI, Potentiometer
- Passive cooling silent operation



Elevating Poolside Ambiance Case Study



Image Spot® Mini Product Details



- 14 Watt LED
- 11°, 17° and 25° lenses available
- On-board dimming/control
- 0-10V, DMX/RDM, DALI



Window Projections Reveal Hidden City Case Study



H-Bracket for full rotation



Wall mount



Image Spot Mini Accessories



Surface mount



Pole mount with straps



Iris*



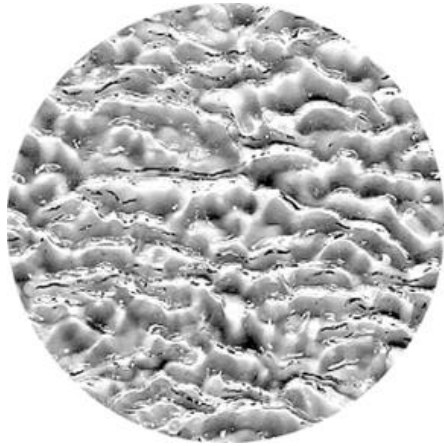
Shutters*



Driver Enclosures

Track mount with Stucchi ONETRACK UL

Effects Glass Gobos



Combines light, texture, shadow, colour, and depth for **dynamic textured projections.**



Project: El Parque Fluvial Padre Renato, Santiago, Chile
Lighting Design: DIAV

The Power of Innovation

Discover inspiring new ways industry is helping to reduce ocean plastic impact.

To learn more about these innovative solutions, scan the QR code.

How Can You Make An Impact?

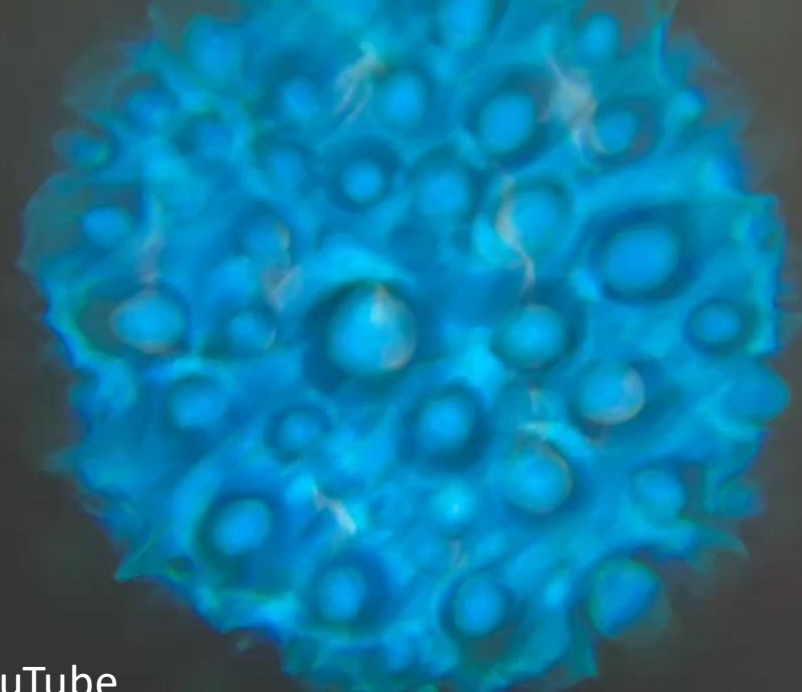
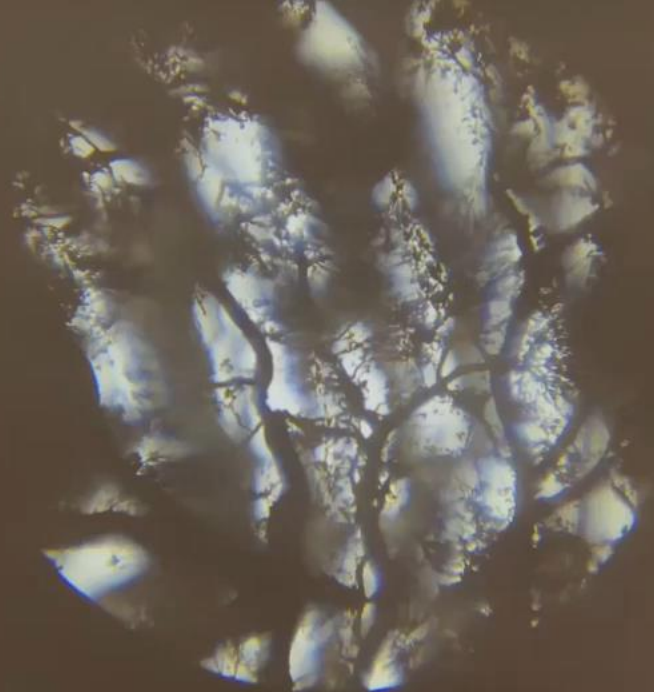
When we all get involved, real change happens.



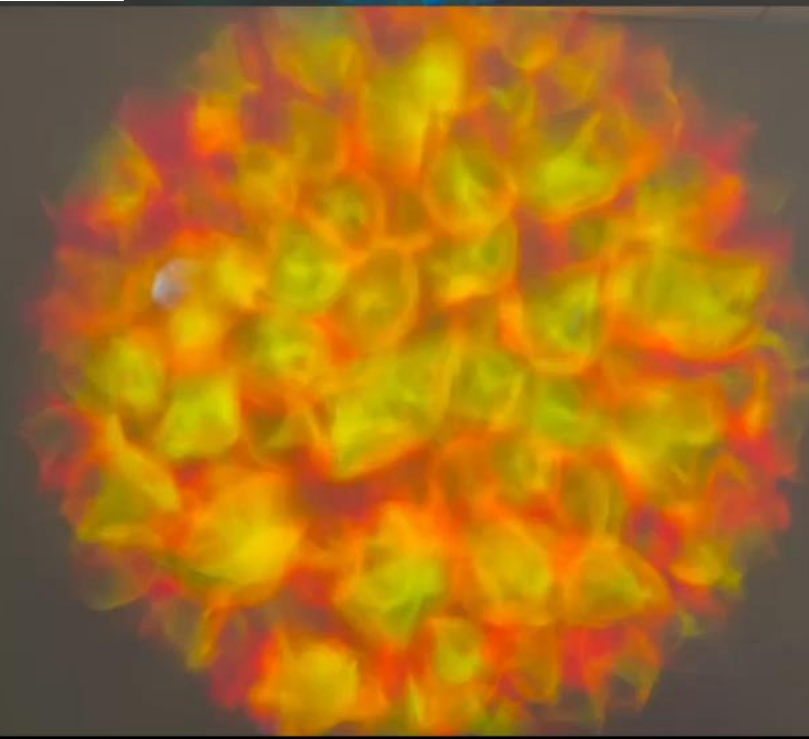
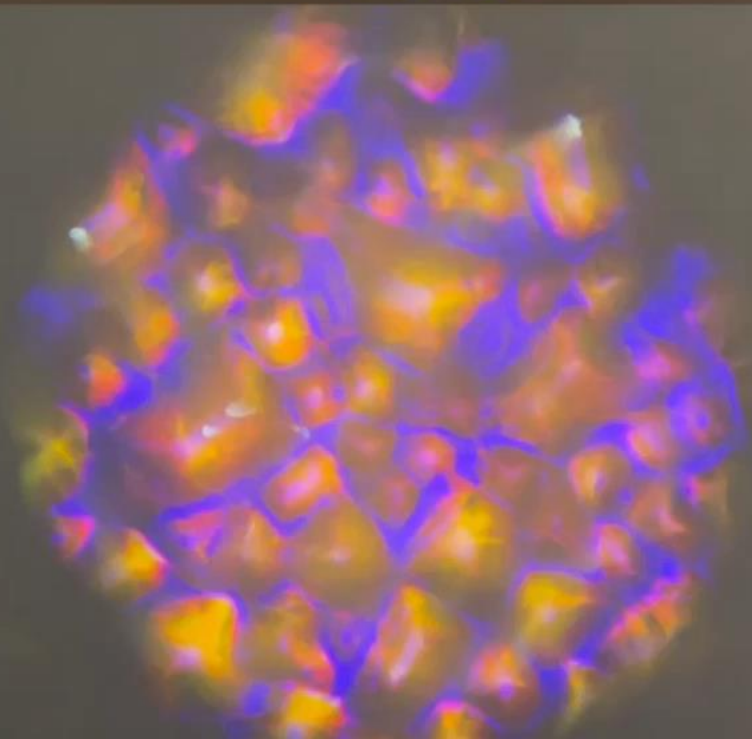
X-Effects Dynamic Effects Projector

Lighting Designer – Ben Bauer

Blue Paradox – MSI Chicago



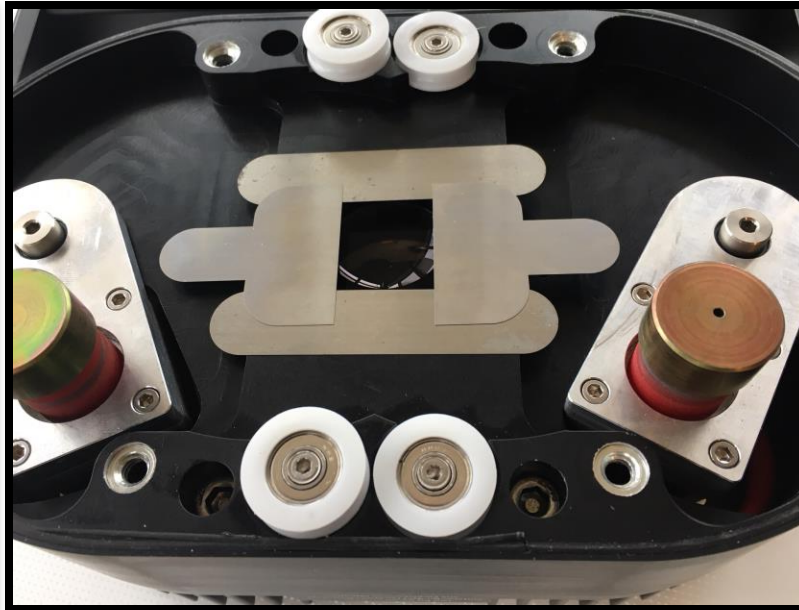
[X-Effects Recipe Videos - YouTube](#)



How does it work?



1. Static gobo or filter



2. Framing shutters

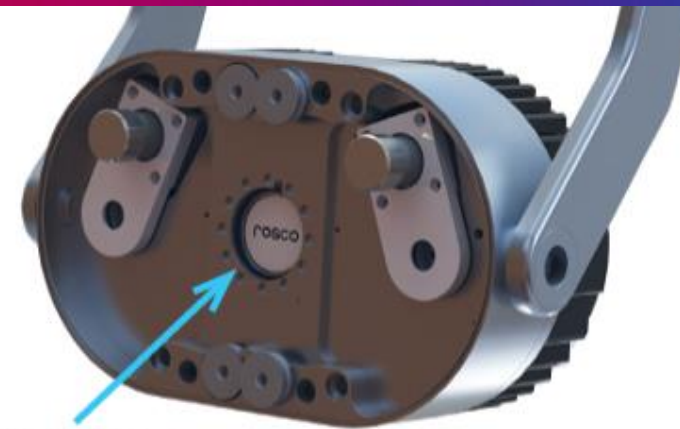


3. Effect glass gobos

Simple Gobo Replacement



Image A

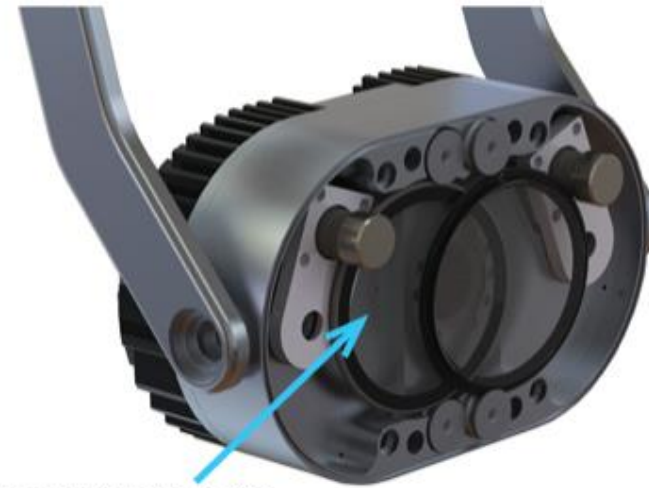


Static gobo pocket in the Motor Rotation Module

Image B



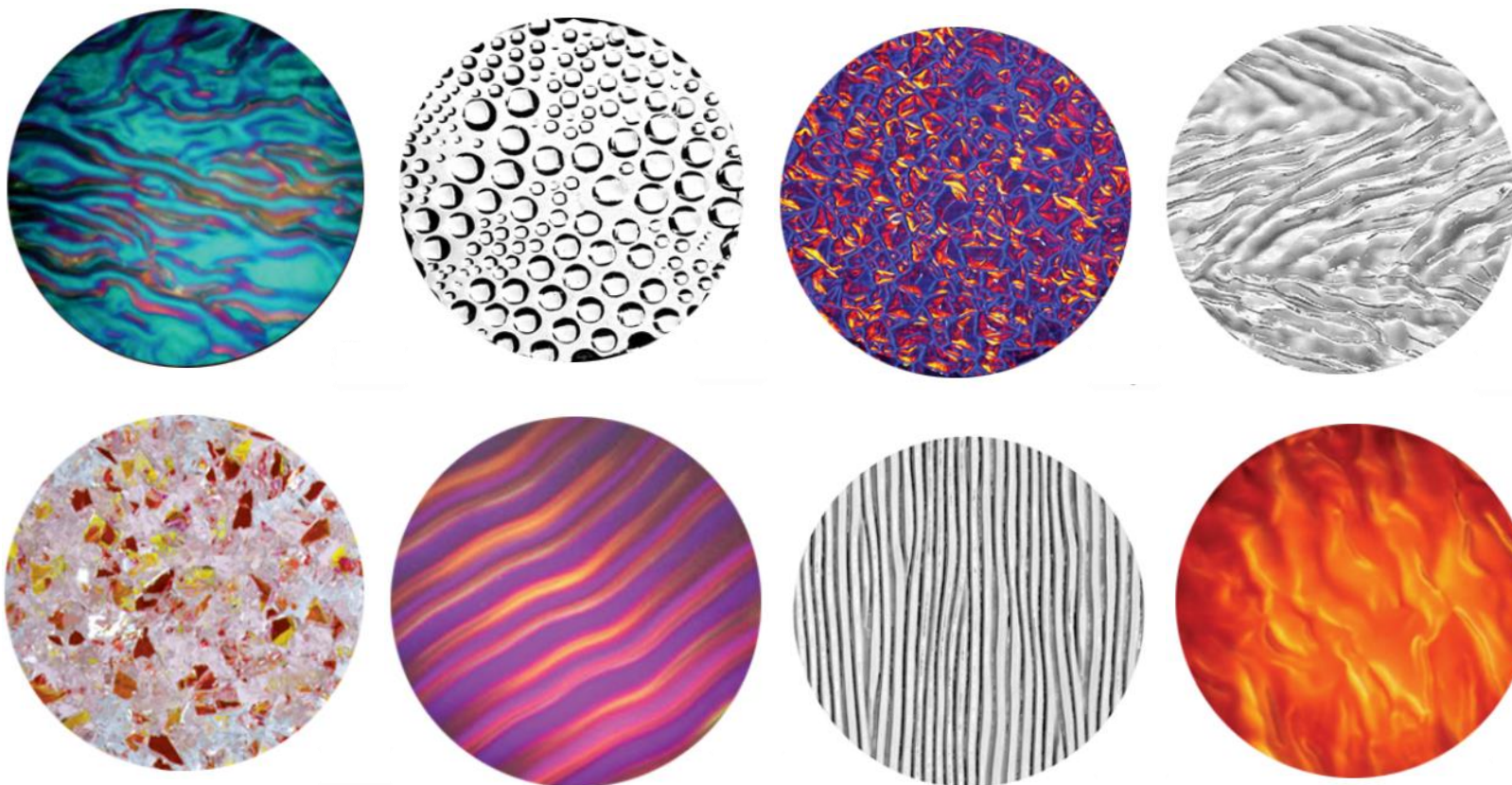
Image C



Gobos stack flat side to side

Image D

Effects Glass – Limitless Creativity



Permacolor™ filters never fade



Used with X-Effects to create deep coloured effects

STATIC GOBOS

- The X-Effects LED Projector can accept one static gobo.
- This gobo is closest to the LED source, producing a soft effect.



Amber Fire Effect
No. 297000000085



Green Aurora Effect
No. 297000000090



Cyan Water Effect
No. 297000000095

- Standard Rosco colours, custom colours, custom sizes and shapes available
- Warrantied for permanent applications



Project: Chromotopia - Lantern tower of Burgos Cathedral , Spain
Design and photos by Victoria Coeln

X-Effects® Dynamic Effect Projectors



Better value, more versatile and easier than movers or video projectors for dynamic effects

- Large-scale 3D light effects
- IP65 Outdoor-rated
- No maintenance
- Easy to change effects and colours
- No content creation
- Passively cooled
- 5500K, RGBW, and UV 365nm LED available



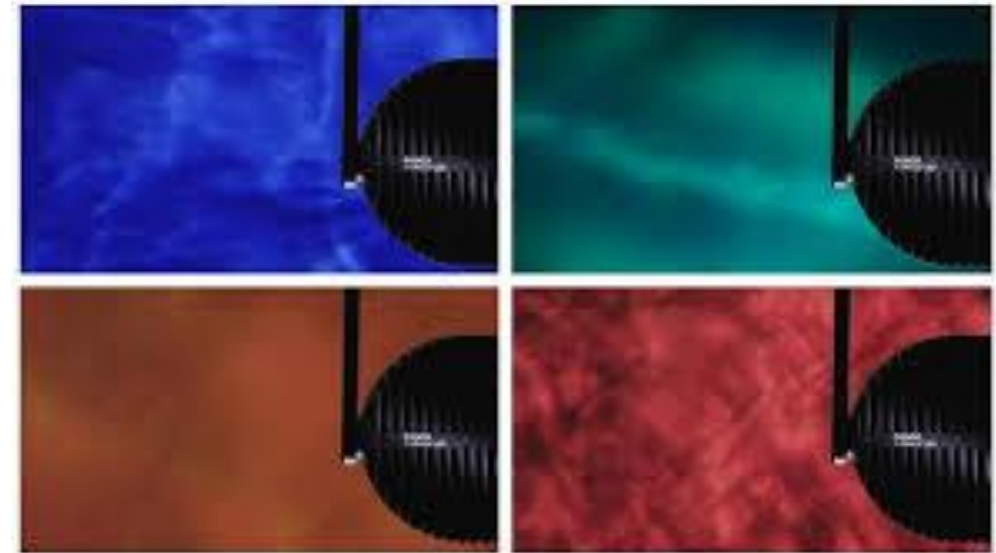
Project: Hakkasan NY
Lighting Design: FireFly Lighting Design

X-Effects® LED Projector – 5500K

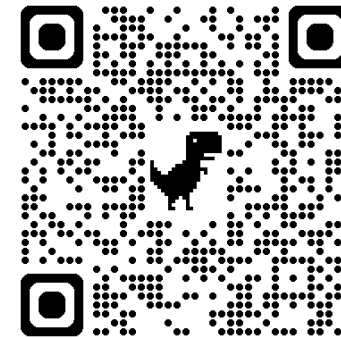


HO

- LED Source Output
 - 3000 lm (45 Watts)
 - 5600lm (HO – 90 Watts)
- 19°, 30°, 50°, 70° degree lens options
- DMX In/Out, RDM or Onboard Dimmer & Gobo Control
- UTL Power+Data Connector
- 5 Channels of control
- 7000+ gobos for infinite combos



[Link to X-Effect Recipe Videos on YouTube](#)



X-Effects® UV LED Projector – 365nm



- Blacklight LED Source Output (365nm)
 - 17,000mW (40W)
 - 33,600mW (HO – 80W)
- DMX In/Out, RDM or Onboard Dimmer & Gobo Control
- 19°, 30°, 50°, 70° degree lens options
- UTL Power + Data Connector
- 5 Channels of control
- Use with [Rosco Fluorescent Paint](#) for striking & eye-catching effects



X-Effects Onboard Controls



Top two potentiometers – Gobo rotation speed & direction

Bottom potentiometer – LED dimming

RGBW LED requires DMX for color-mixing

X-Effects® LED Projector – RGBW



- LED Source Output
 - 1072 lm (45 Watts)
 - 2850lm (HO – 90 Watts)
- RGB + White LED = 6500K
- 19°, 30°, 50°, 70° degree lens options
- DMX In/Out, RDM
- 8 Channels of control
- 7000+ gobos for infinite combos



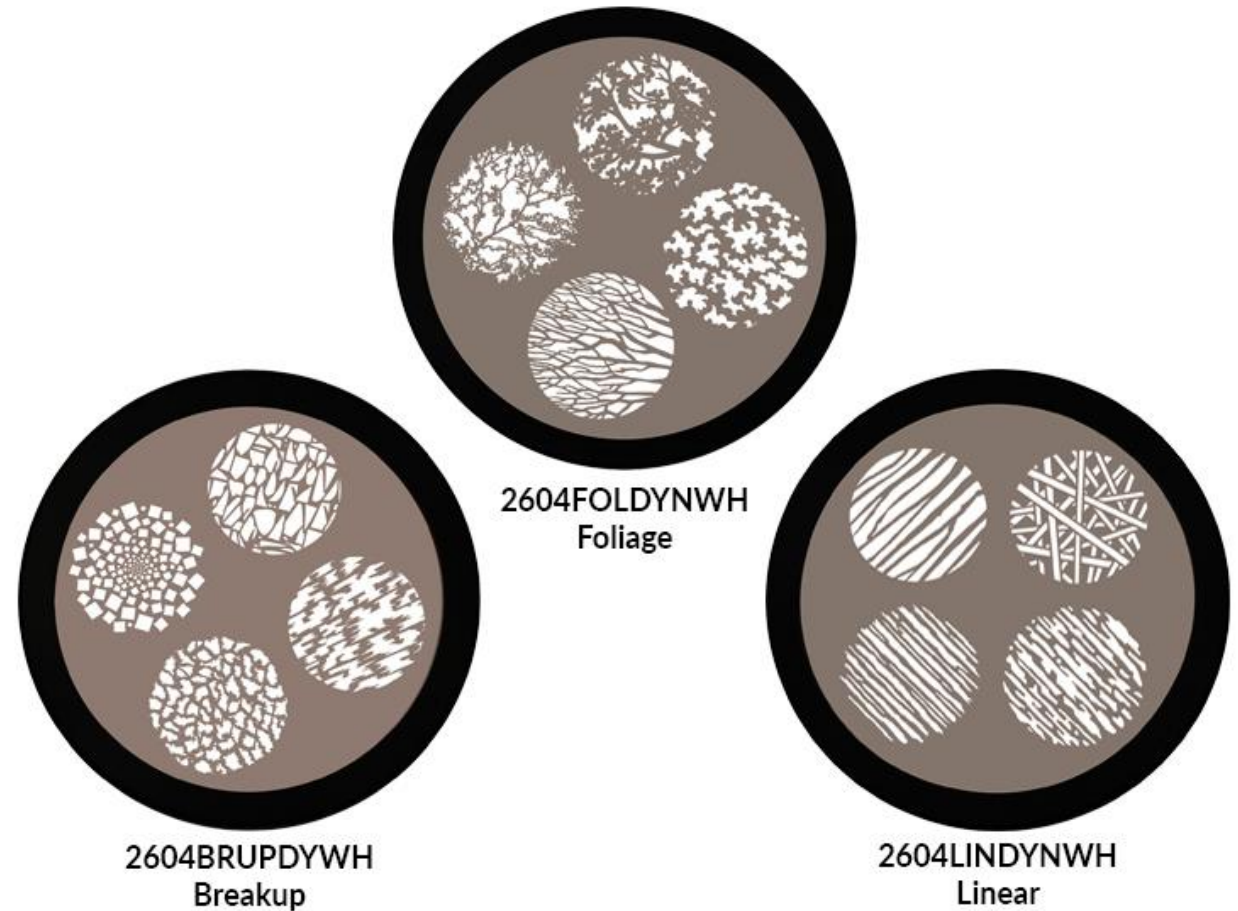
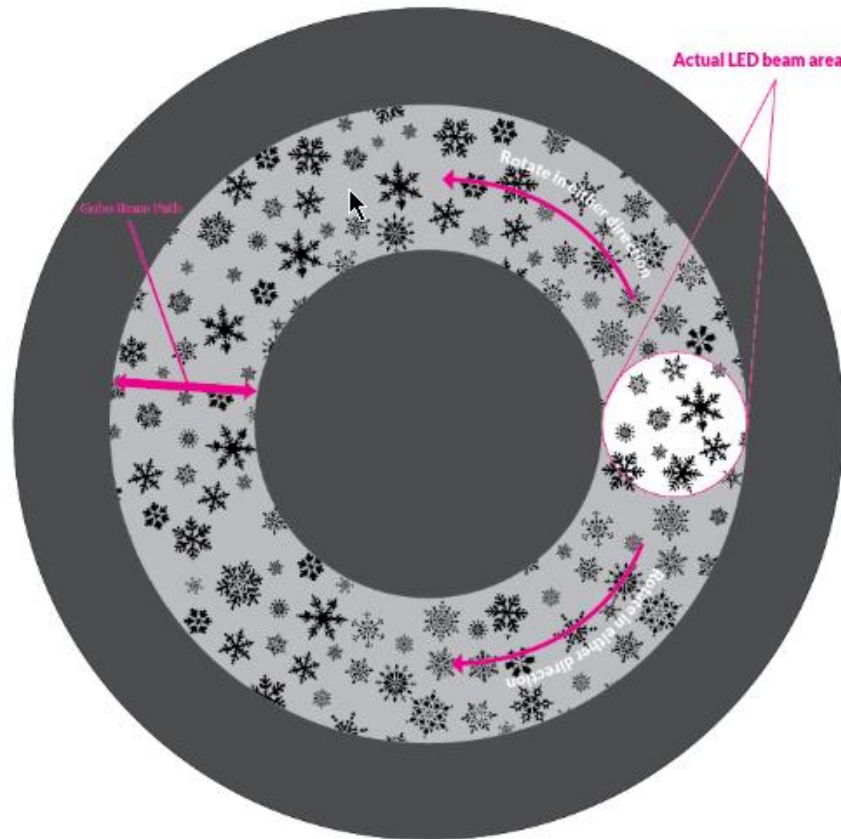
[Link to X-Effect Recipe Videos on YouTube](#)



4-Pattern Gobo Wheels & Image Area



Rotate through gobo designs without opening fixture



[Included in the X-Effects® LED HO Production Rental Kit](#)

X-Effects® Lens Optics – Narrow to Wide



Lenses Available

19-Degree

30-Degree

50-Degree

70-Degree



X-Effects and X-Effects HO share the same lenses and accessories



Lens Cap Cover

Recommended for Outdoor installations

Waterproofing Caps



Protect fixture & cable while separated
IP65 seal when coupled.

Wiring Options

1. X-Effects Unterminated Power/Data Cable
 - Custom sizes available
2. X-Effects Terminated Power/Data Cable
 - 3-prong Edison
 - DMX 5-pin in/out
 - 6ft/2m or 20ft/6m available
3. X-Effects Track Adapter
 - Stucchi ONETRACK UL provided by Rosco

Cube Family

Compact High Output Wash Lights

Lighting Designer - Serge Schmuki

Stapferhaus Museum - FAKE. The Whole Truth



Rosco Cube Family



Braq Cube – 100W



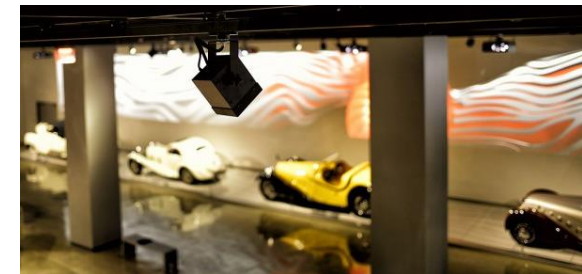
Miro Cube 2 – 50W

Highest output wash light for size, weight, wattage with theatrical level control.

- Extremely compact and lightweight
- Patented thermal management
- Simple beam shaping with OPTI-SCULPT



**Petersen
Automotive
Museum**



Did you know:

Rosco's Cube family is named after Cubic Artists
Georges Braque and Joan Miro

Miro Cube[®] 2



4C
(RGBW)



4CA
(RGB Amber)



WNC
(Warm, Neutral, Cool)



UV365
(365nm Ultraviolet)

Ludicrous Mode – Patented Output Optimization



[Watch Miro Cube® 2 intro video](#)

Cubes automatically redistribute the full fixtures power to any single LED or color recipe

WNC

Doubles the output when using a single LED

4C / 4CA

Nearly triples the output when using a single LED

Each LED is sized to accept full fixture's wattage

No wasted power!

Miro Cube® 2 – Power & Control Options



RJ45



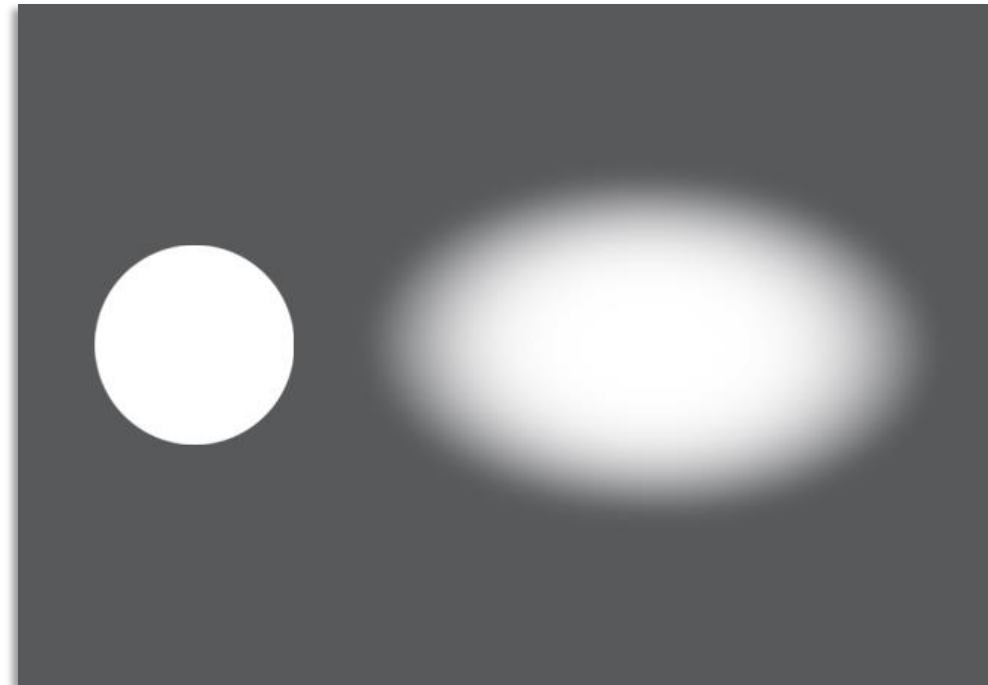
Classic Controls

OPTI-SCULPT™ Beam Shaping Lens



- Lens – not frost/diffusion/silk
- 85%+ transmission
- Heat-resistant, flame-retardant polycarbonate with UV inhibitors
- 11 different patterns
- RoHS and REACH compliant

Available for all Cube Fixtures,
custom sizes, or by the sheet



Miro Cube® 2 WNC – Tuneable White



- 4.3in x 4.3in Cube and 2.1lbs.
- Up to 4100 Lumens at 50W
- Tuneable 2700K - 6000K
 - Warm: 2700K
 - Neutral: 4000K
 - Cool: 6500K
- Control: DMX/RDM, 0-10V, Onboard User Interface
- Ships w/ 20°, 40°, 60° OPTI-SCULPT lens set
- Asymmetrical OPTI-SCULPT lenses optional



Project: Petersen Automotive Museum, Los Angeles, CA
Lighting Design: Chris Werner Design



Miro Cube®2 4C & 4CA – Color Mixing



4C / RGBW

- Pastel colors
- Highest output
- 3200K – 10,000K

4CA / RGBA

- Saturated colors
- Highest quality
- 2200K – 10,000K

- 1443 Lumens - 4C (RGBW) at 50W
- 1135 Lumens - 4CA (RGBA) at 50W
 - *Ludicrous Mode* = Max output at any color selected
- OPTI-SCULPT Lenses available



National Museum of the U.S. Army
Case Study



Miro Cube[®]2 UV365 – Blacklight

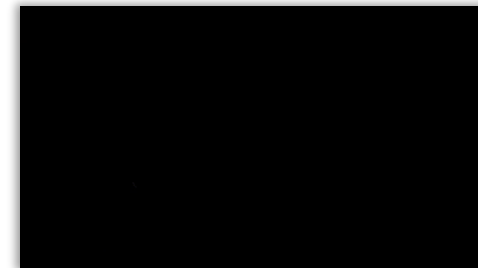


- True UV output: 365nm only
- 18,000 mW (no lens)
- Control: DMX/RDM, 0-10V, Onboard UI
- 50 Watt at maximum output

Tour the upgraded version!



Warner Brothers Theme Park Dubai
Case Study



Braq Cube® WNC – Tuneable White



- 5in x 5in Cube and 3.5lbs
- 7100 Lumens at 100W
- 2700K - 6500K Tuneable White
 - Warm: 2700K
 - Neutral: 4000K
 - Cool: 6500K
- Control: DMX/RDM, onboard
- OPTI-SCULPT Lenses available



Dolce & Gabbana NYC
Case Study



Braq Cube® 4C & 4CA – Color Mixing



- 1800 Lumens 4C at 100W
- 1710 Lumens 4CA at 100W
- Control: DMX/RDM, Onboard UI
- OPTI-SCULPT Lenses available



Christie's Auction House
Case Study



LED Comparison

4CA / RGBA

- Saturated colors
- Highest quality

4C / RGBW

- Pastel colors
- Highest output

Cube Mounting Options



**Stucchi ONETRACK UL
Track Adapter**



**Various Mounting
Accessories**

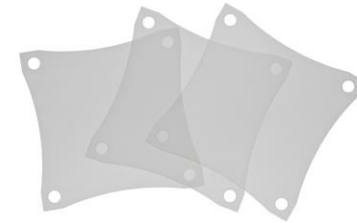
Mounting & Accessories



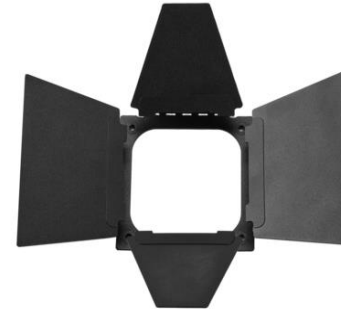
Track



Wall



Opti-Sculpt Lenses



Barn Doors



Egg Crate



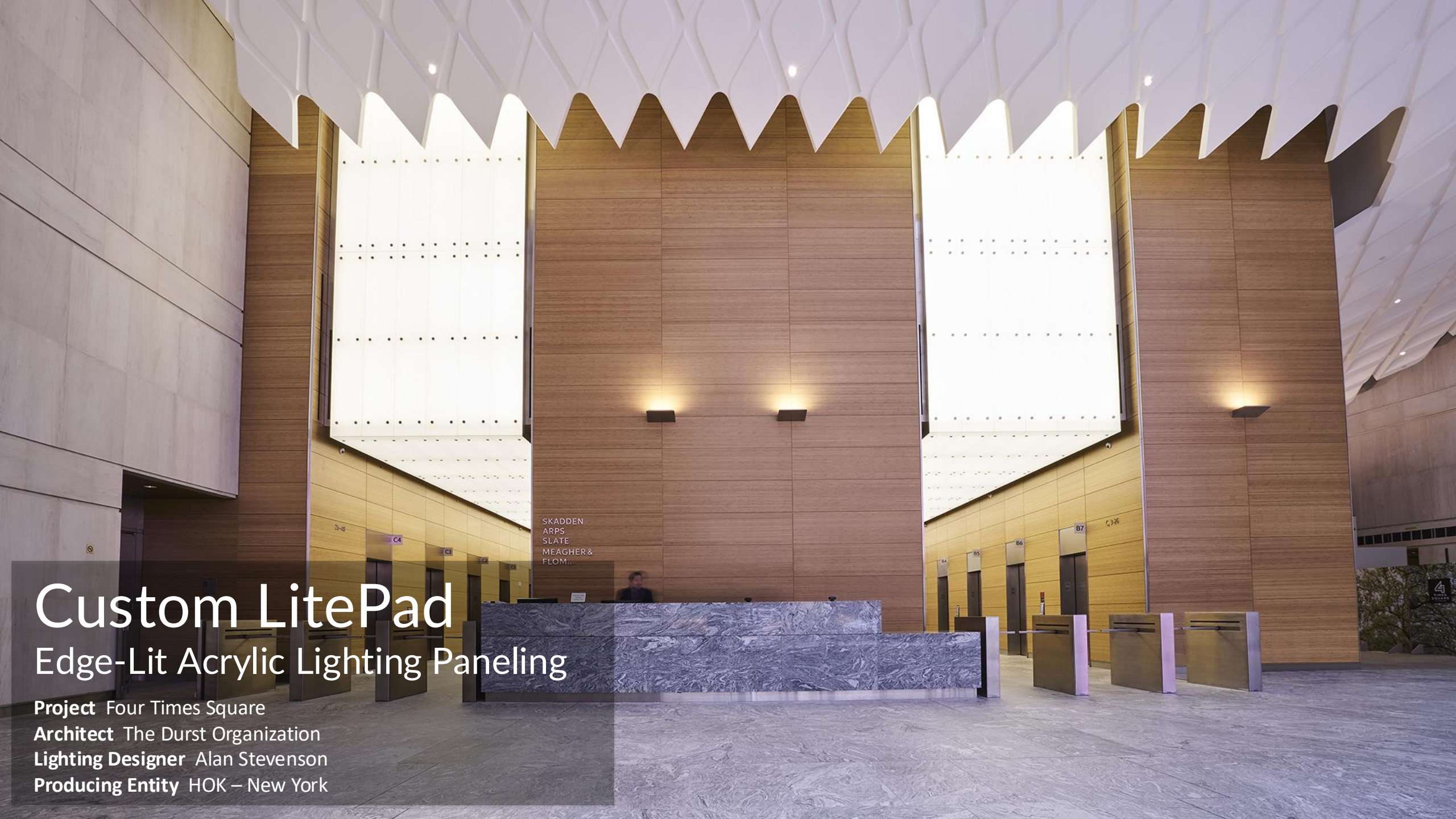
Surface



Pole



Top Hat



Custom LitePad

Edge-Lit Acrylic Lighting Paneling

Project Four Times Square

Architect The Durst Organization

Lighting Designer Alan Stevenson

Producing Entity HOK – New York

Custom LitePad® – Made-to-Order Panel Lighting

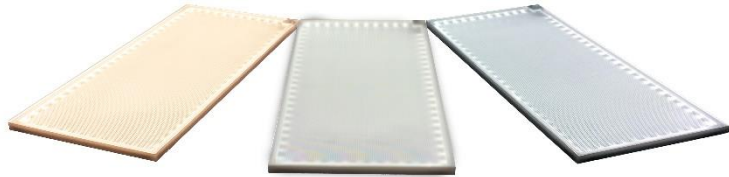


Transform ceilings, walls, floors, shelving, or any custom shape into a glowing or colored surface

- Evenly lit acrylic panels custom made to any size, shape, or color
- Simple and versatile backlighting solution
- Indoor, damp, and outdoor-rated
- 5-year warranty



Custom LitePad® – Static White



- CCTs available between 2200K & 6500K (>90 CRI)
- 12 VDC or 24 VDC
- 5/16" (8mm) thick – extremely thin profile (same size for all LED options)



Project: Encana

Custom LitePad® – Tunable White

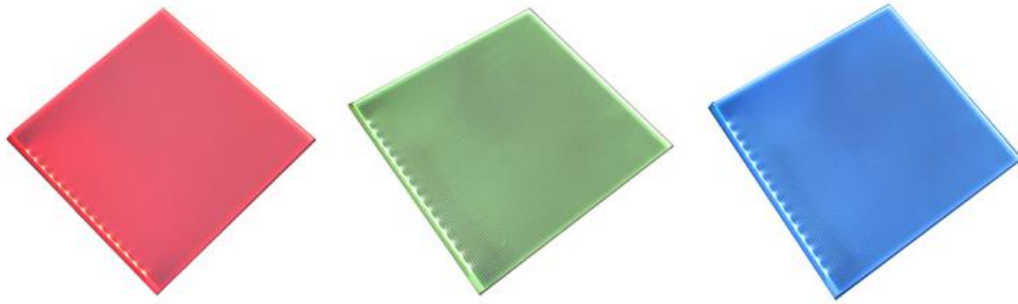


- Tuneable White Ranges between 1800K - 6500K (>90 CRI)
- No harsh glare from LED Tape 'dots'
- Shallow install depth – can be fully encapsulated on front & back
- Double sided option (for up & down shelving lighting)



Project Le Bernardin Restaurant
Architect Kaplan Gehring McCarroll

Custom LitePad® – RGB & RGBW



- RGB and RGB + W (3000K or 4100K)
Static Red, Blue, or all Green LEDs for
max static output
- Diffuser options available for even,
homogenized output
- Input Power: 12 or 24VDC
- Warranty: 5 years



Photography : Juvani photo | digital art - Jurgen van Nijnanten
Design: Studio Fractal

Frameless Embedded Frosted Diffusion



Pre-diffused milk white frosted acrylic looks great on its own

- 1" (25mm) thick acrylic surface with CLP embedded
- Available for all LED options
- Pressure-rating pending
- Indoor and damp-rated available



Project: Grupo Ganga Productions

Damp-rated & Outdoor-rated Options



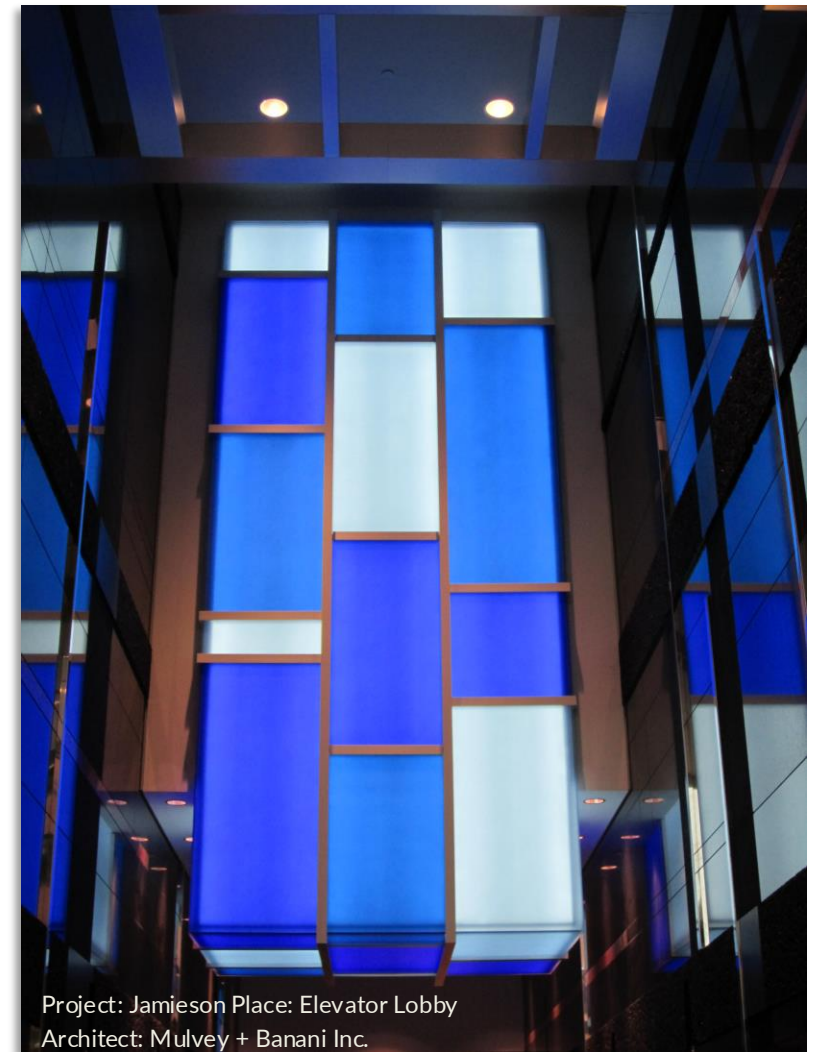
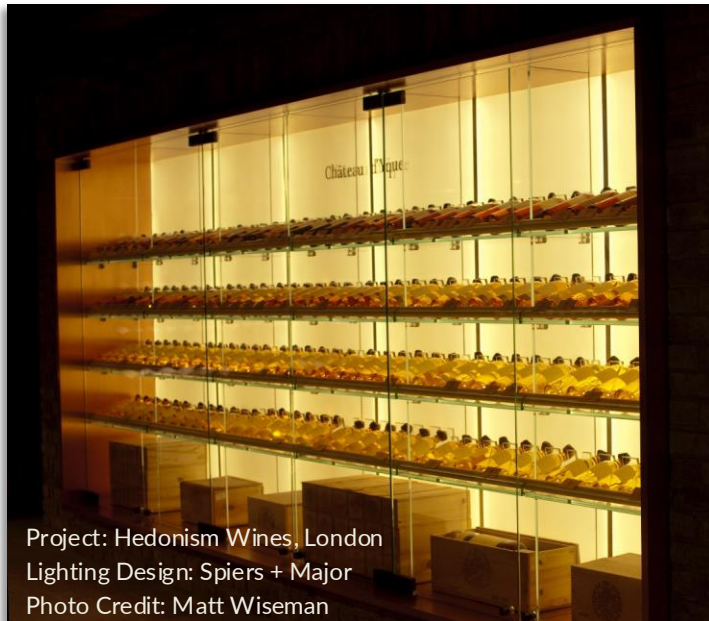
Optical grade acrylic, resists UV damage and yellowing
Damp-rated = IP65 LEDs & Wiring
Outdoor-rated = True IP67-rated



Custom LitePad® – Endless Applications



- Shelving, retail display
- Counters, bars, reception desks
- Signage & storefront
- Awnings & ceilings
- Museums & art galleries
- Mirror & stained-glass backlighting



How to Find Product Documentation



1. Google the product name or use rosco.com navigation then click on the product
2. Click the "RESOURCES" tab once on the product page
3. Scroll to see all available resources



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FEATURES

SPECIFICATIONS

ACCESSORIES

RESOURCES



WNC - Tunable White



Miro Cube[®] 2 WNC

Designed by The Black Tank

RESOURCES 

[REQUEST A QUOTE](#)
[WHERE TO BUY](#)

The Miro Cube 2 range of LED fixtures is engineered to provide lighting designers and integrators with precision light control and tech-enabled solutions to execute their projects with accuracy and efficiency. Their sleek design is packed with state-of-the-art technology that provides maximum output and flicker-free dimming from a 4-in. (10 cm) cube-shaped LED light.

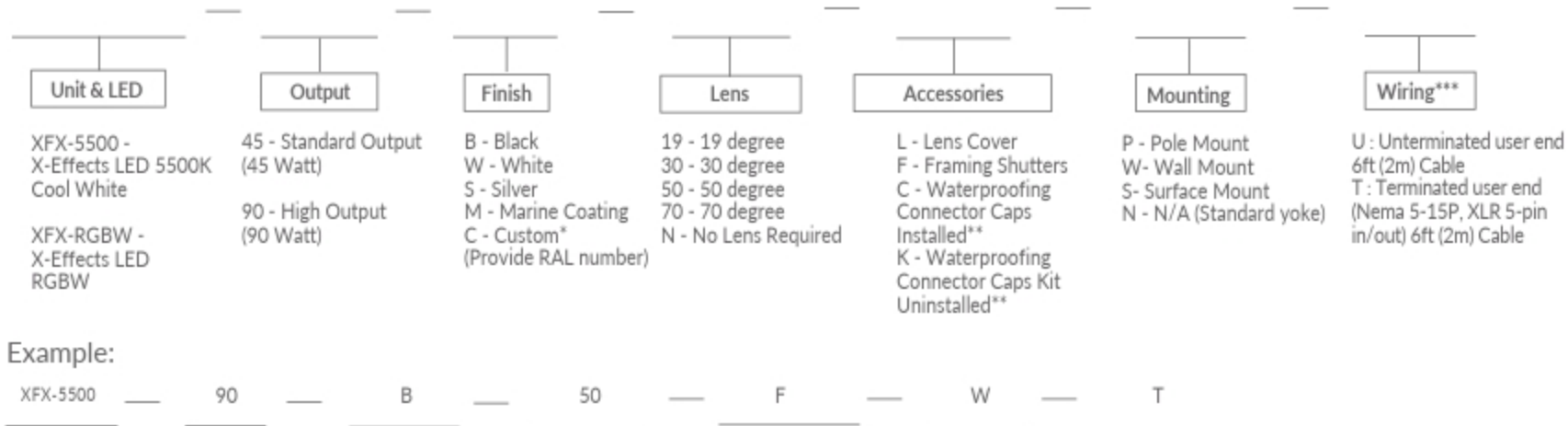
The Miro Cube 2 WNC is a tunable white fixture that features a mix of warm, neutral, and cool LEDs to produce a color temperature range of 2700K to 6000K – with excellent color rendering throughout the range.

The fixture's numerous features make it an excellent choice for illuminating retail stores, museums, broadcast studios, or any installation that needs voluminous amounts of light – without large, bulky fixtures.

Specification Code Builder



X-Effects Spec Order Code Example



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

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

- Easiest way to communicate fixture specification
- Provides a check to ensure all options/accessories are considered
- Reduces time at the project management level
- Available on Rosco datasheets

Architectural Gallery



- See the latest installations
- Search by product name or application
- Sort by newest or name
- Bookmark for client meetings
- Send links/pics



www.rosco.com/en/architectural-gallery



Project: Dolce&Gabbana Store NYC



Project: The Hebrew Bible Experience | IFS Fog System

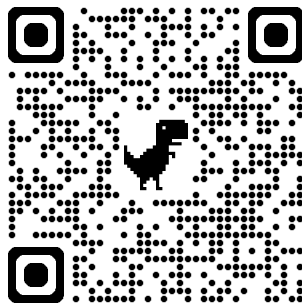


Project: The Impact of the Bible | Gobos

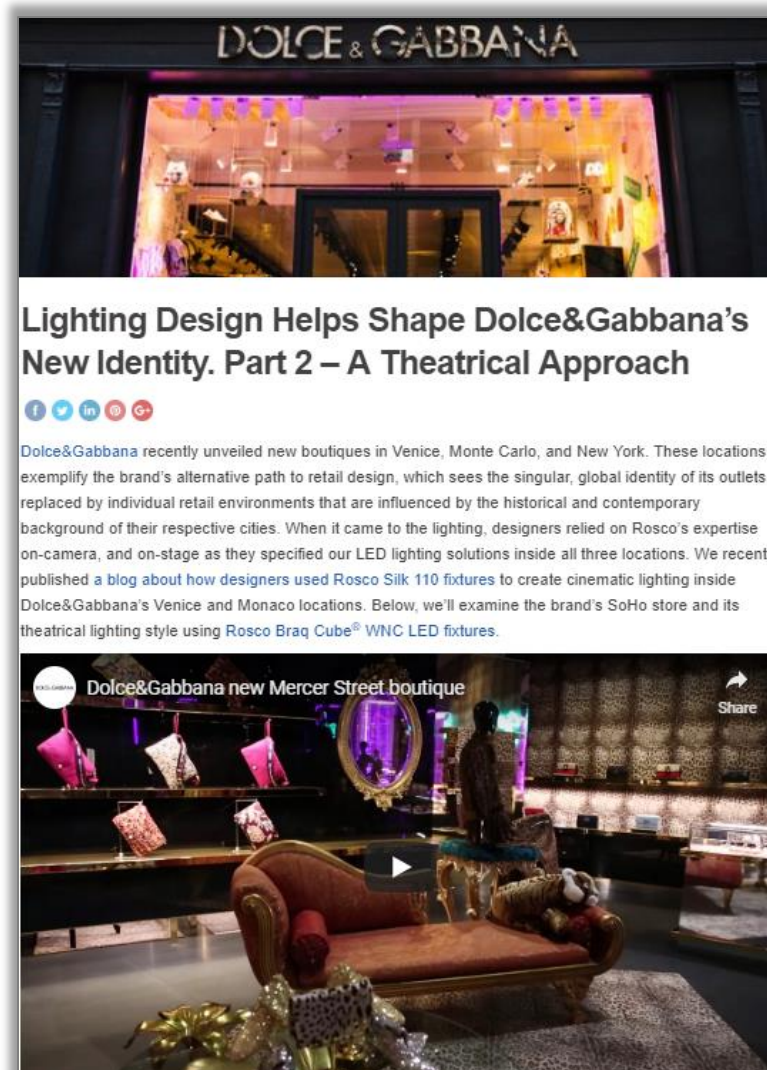


Project: Neal Preston Exhibition | RoscoLED Tape

- Receive the latest blogs directly to your inbox
- Product in-use stories, testimonials, photos, videos, social content, case studies



www.rosco.com/spectrum



Thanks for your time!

Let's create something brilliant together.

X-Effects Wiring Controls

The power wiring is labelled as follows (18AWG):

Core No1: Live (Hot) Lead

Core No2: Neutral Lead

Core No3: No Connection

Yellow/Green (YE-GN): Ground

The data wiring is color-coded as follow (26AWG):

DMX IN

RED (RD): Data+

BLACK (BK): Data -

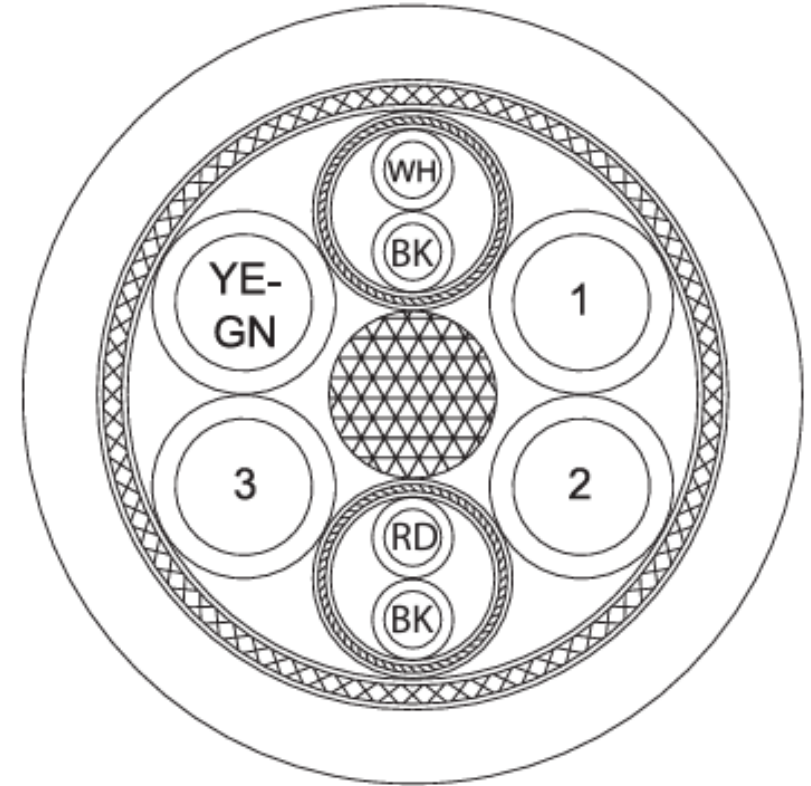
Shield/Screen: Ground

DMX OUT

White (WH): Data+

BLACK (BK): Data-

Shield/Screen: Ground



Daisy chain DMX

