



2009-2010 Product Catalog

NEXXUS[™]
LIGHTING
Commercial Lighting Division

Quality + Sustainability. A revolutionary design.

Nexus Lighting is proud to introduce the new Array™ Lighting LED lamp line of products. Array lamps have been designed and engineered to utilize patent pending Selective Heat Sink Technology™ (SHS), a ground breaking approach to LED lighting. SHS is an approach to thermal management that uses proprietary design and materials to lower thermal resistance to record levels, which allows an array of low power, high efficacy LED's to achieve unmatched performance. No longer will quality of light be sacrificed to appease sustainability demands.

SHS™ SELECTIVE HEAT SINK TECHNOLOGY

From the drawing board to the final assembly line our goal was to create a lighting product which not only raised the bar, but also created a new standard in the lighting industry. Utilizing a ground breaking LED package and unique thermal management system, Array lamps deliver over 20% more lumens per watt over the best in class competitive offerings. All lamps can be dimmed on standard commercial dimmers. The production of the Array product line is automated to meet required demand capacity and this automation also allows Nexus Lighting to provide unmatched quality and lamp to lamp consistency at a lower cost than competitive offerings.



Erase your footprint.

Through our patent pending design, not only have we broken the barrier of 95 lumens per watt¹, but we offer a product that is truly environmentally responsible. With the recent flood of “Green” products to the market, we wanted Array to speak for itself. SHS technology allows all Array lamps to utilize injection molded housings made from Bayer MaterialScience® recycled plastics which fit standard incandescent and halogen fixtures. This means the days of large aluminum heat sinks are gone. Unlike compact fluorescent lamps, Array lamps contain no mercury or lead and are compliant with RoHS standards. In effect we have created a product that creates a minimal carbon footprint.

¹ 95 Lumens per Watt LED die efficacy achieved with 7.8 Watt PAR30 in Cool White (6500K ANSI) at 20 mA die current



Array Lamps utilize Bayer Material Science Bayblend® FR610 GR polycarbonate blend resin which contains 10% post-consumer recycled polycarbonate content and a minimum of 30% post-industrial recycled polycarbonate content, for a total recycled content of at least 40%.



Array PAR30
7.8 Watt



Array PAR30
5.5 Watt



Array MR16
3.3 Watt



Array GU10
2.6 Watt



Array PAR16
2.6 Watt



Array G4
1.0 Watt

Approx. Equivalence	75 Watt Incandescent	50 Watt Incandescent	35 Watt Halogen Lamp	35 Watt Halogen Lamp	35 Watt Halogen Lamp	10 Watt G4 Quartz Bulb
Base Type	MED-E26	MED-E26	GU5.3	GU10	MED-E26	G4
Voltage	120VAC (60Hz)	120VAC (60Hz)	12VAC 12VDC	120VAC (60Hz)	120VAC (60Hz)	12VAC 12VDC
Average Wattage	7.8 Watts	5.5 Watts	3.3 Watts	2.6 Watts	2.6 Watts	1.0 Watts
Color Temp (ANSI)	Cool White (6500K) Natural White (5000K) Warm White (3000K)	Cool White (6500K) Natural White (5000K) Warm White (3000K)	Cool White (6500K) Natural White (5000K) Warm White (3000K)	Cool White (6500K) Natural White (5000K) Warm White (3000K)	Cool White (6500K) Natural White (5000K) Warm White (3000K)	Cool White (6500K) Natural White (5000K) Warm White (3000K)
CRI	Cool White: 75 Natural White: 77 Warm White: 80	Cool White: 75 Natural White: 77 Warm White: 80	Cool White: 75 Natural White: 77 Warm White: 80	Cool White: 75 Natural White: 77 Warm White: 80	Cool White: 75 Natural White: 77 Warm White: 80	Cool White: 75 Natural White: 77 Warm White: 80
Output (Lumens) +/- 10%	Cool White: 640 Natural White: 600 Warm White: 550	Cool White: 425 Natural White: 400 Warm White: 360	Cool White: 180 Natural White: 190 Warm White: 180	Cool White: 200 Natural White: 185 Warm White: 165	Cool White: 200 Natural White: 185 Warm White: 165	Cool White: 61 Natural White: 62 Warm White: 60
Weight	6.8 oz	6.8 oz	1.2 oz	1.2 oz	1.2 oz	0.1 oz
Rating	Indoor Applications Only	Indoor Applications Only	Indoor Applications Only	Indoor Applications Only	Indoor Applications Only	Indoor Applications Only
Beam Angle	Flood Narrow Flood	Flood Narrow Flood	Flood Narrow Flood	Flood Narrow Flood	Flood Narrow Flood	Flood
Rated Life	50,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours	20,000 hours
Warranty	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years



Mini Sconce

Specification Features

Construction	ADA Compliant Satin Aluminum Finish *Available in White and Black Finish on a custom order basis.
Optical Lens Material	Frosted Acrylic
LED's per fixture	7" (177.8mm) Version - 8 LEDs 1.8" (45.7mm) Version - 2 LEDs
Wattage	7" (177.8mm) Version - 1W per fixture 1.8" (45.7mm) Version - 0.3W per fixture
Current	7" (177.8mm) Version - 12VDC per fixture 1.8" (45.7mm) Version - 12VDC per fixture
Voltage	7" (177.8mm) Version - 12VDC per fixture 1.8" (45.7mm) Version - 12VDC per fixture
Power Supply	12V
Warranty	2 years
Lamp Life	50,000 hours
Listings	CE



Key Features

- Adds unique accent and decorative elements to interior spaces
- Ideal architectural sconce for hospitals, nursing homes and other health care facilities
- Satin aluminum finish
- Available in white and blue colors

Applications

- Accent Lighting





Hyperion Accent

Specification Features

Input	8VAC
Power Consumption	<.9W per linear foot (<2.95W per linear meter)
System Efficiency	>78%
Bending Radius	<.05" (1.27 mm)
Module Spacing	2" (50.8mm)
Drives Up To	8VAC Power Supply 96 - 70 feet (21.3 m) 8VAC Power Supply 24 - 25 feet (7.62 m)
Length	25 feet (7.62 m) of product per reel
Distribution Angle	>120° (6500WHE) or >160° (6500EE, 4100EE, 3000EE)
Rated Life	50,000 hours
Construction	High Performance Flame Retardant Polyester Film with Adhesive Backing
Operating Temperature	-5°F(-20°C) to 165°F(75°C)
Listing	ETL
Warranty	Limited 5 Year
Component Requirements (This system may require the following components to operate, please contact the factory for details)	Power Supply - HRLA-96 or HRLA-24 HRLA-HC Power Connector Kit HRLA-JC Jumper Connector Kit HRLA-SC-P Support Clamps

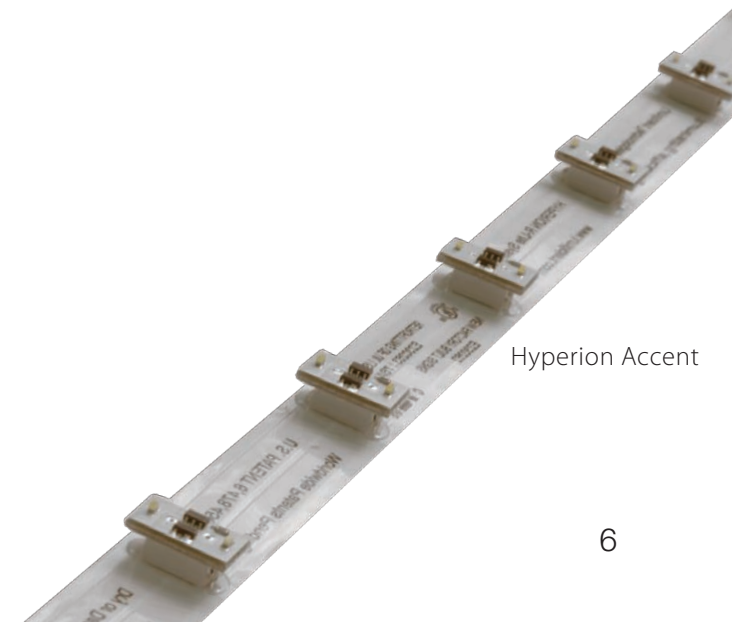


Key Features

- The only LED system in the industry with Replaceable LED modules
- Dimmable
- Available in 8 colors
- Highly flexible strip which adheres to any surface

Applications

- Accent Lighting
- Display Lighting
- Cove Lighting



Hyperion Accent



Neighborhood Grill & Bar



Lumeon 360

Specification Features

Operating Voltage	Typical 24VAC, Maximum 30VAC, PFC>0.90
LED Forward Current	20mA regulated
Power Consumption	1.6 W/Linear foot (Red & Orange) (5.2 W/linear meter) 1.5 W/Linear foot (Blue, Green, Yellow & White) (4.9 W/Linear meter)
Max Continuous Run	<ul style="list-style-type: none">• 35 Linear Feet (10.68m) per terminal for triple output unit• 25 Linear Feet (7.62m) for single output power unit
Construction	UV stabilized polycarbonate tube with thermal expansion
Length	1-8 foot lengths (custom sizes available) (.30 m - 2.44 m lengths in increments of .30 m)
Diameter	3/4" (19mm)
System Luminous Efficacy	Up to 85 Lumens per Watt
Operating Temperature	-30°F (-35°C) to 122°F (50°C)
Rated Life	50,000 hours
Listings	UL / cUL
Warranty	Limited 3 years
Component Requirements (This system may require the following components to operate, please contact the factory for details)	Class 2 Power Supply - PU-24VAC-1 or PU-24VAC-3 IDC Interconnector - H360-UY2 Splice Power Connector - HL360-PC-31990 Mounting Clips - HL360-MCC XHHW Rated TC Power Rated - HL360-CL3R HEYCO Connector - HL360-HC



Key Features

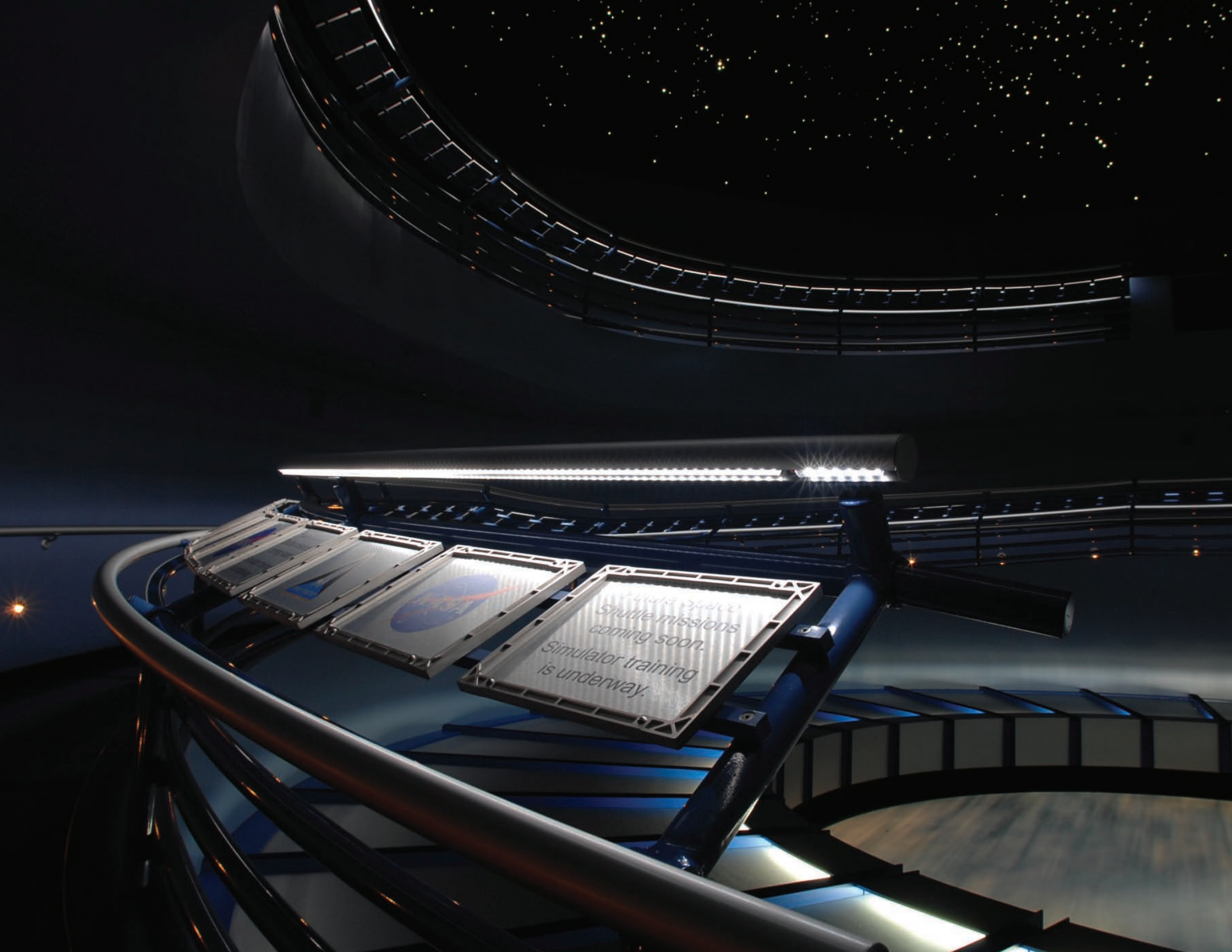
- The only LED based border and accent tube that provides a true look of neon, offering a 360 degree glow
- Sleek design with the same tube diameter as standard neon glass tubes (19mm)
- Only AC driven border tube solution on the market, offering numerous performance advantages over DC driven systems

Applications

- Linear/Edge Lighting
- Exterior Cove
- Accent Lighting



Lumeon 360



Shuttle missions
coming soon.
Simulator training
is underway.

Flood Strip II

Specification Features

Construction	Clear Polycarbonate Tube up to 4ft in length. 0.72" (18.2mm) Max Height x 0.71" (18mm) Max Width
View Angle	120°
Colors	White (5000K)
Standard Lengths	1ft, 2ft, 3ft & 4ft Lengths
Printed Circuit Board	Length 12" (304mm) No. LED's Per Foot: 18 Spacing 0.687" (17.4mm)
Power Consumption	1.7W Per Foot
Track	Aluminium Anodized - Silver Color
Button Mount	0.5" x 0.5" (12.7mm x 12.7mm) Included
Environment	For Indoor use only.
Standard Voltage	24VDC
Maximum Run Distance for Power Supply	02.024V 60W = 35' (10.6mm) EVPS150-24 150W = 88' (26.8mm) EVPS320-24 300W = 176' (56mm)
LED Board Mounting Angle	Horizontal 45 degrees (special order)
Warranty	2 Years
Listings	UL / cUL / CE
Component Requirements (This system may require the following components to operate, please contact the factory for details)	EVPS150 or EVPS300 power supplies Home run cables Jumper cables Mounting Supplies

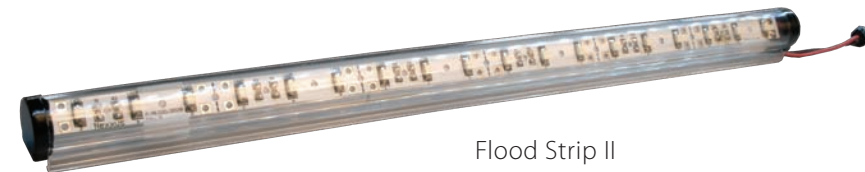


Key Features

- 1ft, 2ft, 3ft and 4ft lengths
- Available in 5000K Natural White
- 1.7W Per Foot

Applications

- Display Lighting
- Accent Lighting
- Cove Lighting



Flood Strip II



Cove RGB

Specification Features

Fixture Length	1ft, 2ft, 3ft, 4ft, 8ft
Input Voltage	24VDC
Optic Angle	30° & 115°
Maximum Input Current	8ft = 105mA
Maximum Power	3.75 Watts per foot
Maximum Strips per Output	(4) - 8ft boards, not to exceed 16 Watts
LED Quantity per strip	8ft = 24 LED's
Modulation Input Analog	0.6 - 0.5 VDC
Driver Voltage	0 - 5 VDC
Connector Power Rating	2.5 Amp
Lumen Output	100 Lumens per foot
LED Spacing	1" (25.4 mm)
Strip Width	0.65" (16.5 mm)
Rec. Wire Gauge	6 conductor, 22 AWG, shielded cable not to exceed 50' total per run
Power Supply and Controller	Cove RGB DMX Controller and Power Supply - DMX & RDM Addressable - 3 PIN XLR (12 channel controller with 4 independent outputs) Part Number: SAVICOVE-CNTRL-2
Environmental	-20° to +50° C, 0 - 100 humidity when mounted in Polycarbonate tube with water tight end caps.
Rated Life	50,000 hours
Listings	CE, ETL
Component Requirements (This system may require the following components to operate, please contact the factory for details)	Cove RGB DMX Controller and Power Supply STICK DMX512 controller Power/control (PCC) cables DMX Cables Jumper Cables

Key Features

- RGB color-changing, light strip
- Smooth and consistent color mixing
- Assembled in polycarbonate tubing with end caps

Applications

- Cove Lighting
- Accent Lighting



Cove RGB



Features officially licensed technology from Color Kinetics; patent numbers 6.016.038, 6.150.774



Linear Light Bar

Specification Features

Light Source	18 Samsung High Brightness LED's per foot
Construction	Extruded Aluminum housing
Lumen Output	248 Lumens per foot (3200K) 318 Lumens per foot (6500K)
Wattage	4.5 Watts per foot
Input Voltage	100-264 VAC
Output Voltage	24 VDC
Optics	120° beam angle
Color Temperature	3200K or 6500K
Standard Lengths	1ft, 2ft, 3ft, 4ft, 8ft Lengths
IP Rating	IP50
Warranty	2 years
Listings	ETL / CE
Component Requirements (This system may require the following components to operate, please contact the factory for details)	EVPS150 or EVPS300 power supplies Home run cables Mounting Option



Key Features

- 3200K and 6500K available
- Streamlined design
- Can be mounted in a variety of ways, including fixed surface mounted, direct suspended cable and wall mounted.
- 4.5W Per Foot

Applications

- Wall Washing
- Display Lighting
- Cove Lighting
- Accent Lighting



Linear Light Bar



LiveLED 35

Specification Features

Construction	Cast, machined and powder coated aluminum housing with integrated heat sink, formed and powder coated CRS yoke, gasket sealed available for wet locations. <i>Available in custom finishes.*</i>
Lumen Output	700 Lumens
Optics	26° Diffuse Spot
Voltage	Varying DC voltage via ALS DMX Controllers from 0 to a max of 32VDC. <i>Cabling from controllers to fixtures in various lengths of 10, 20, 30, 40, 50, 60 to a maximum of 70' using a 3 pair shielded cable and 6pin locking Din connectors. Cable also available in Plenum rated.</i>
Control System	DMX512
Power Supply and Controller	LiveLED 35 must be used in conjunction with a manufacturer sold controller/power supply depending on the number of outputs being used. <i>Please contact the factory for ordering information.</i>
Driver	Proprietary LED driving technology driving 21 LED's (9 red, 6 green, 6 royal blue)
Weight	3 lbs. (1.36 kg)
Dimensions	3.375" (L) x 5.0" (W) x 6.0" (H) 85.7 mm x 127.0 mm x 152.4 mm
Location Listing	Wet or Dry when back of unit is protected from direct contact to water
Operational Temperature	104° F (40° C) Max
Installation	Unit must be installed in a space that allows for air flow
Listings	ETL
Warranty	2 Years
Component Requirements (This system may require the following components to operate, please contact the factory for details)	LiveLED 35 / LiveLED 12 Controller STICK DMX512 controller Power/control (PCC) cables & DMX Cables

Key Features

- Smooth RGB color mixing and full range dimming
- 700 Lumens
- A variety of effects available including variable speed cross fades, variable speed color changes, strobes, and more
- 16.7 million color options available
- 26° Diffuse Spot Optics

Applications

- Cove Lighting
- Accent Lighting



LiveLED 35



Features officially licensed technology from Color Kinetics, patent numbers 6.016.038, 6.150.774



LiveLED 12

Specification Features

Construction	Cast, machined and powder coated aluminum housing with integrated heat sink, formed and powder coated CRS yoke, gasket sealed available for wet locations. <i>This unit is also available for flush mount downlight with flange instead of yoke.</i>
Lumen Output	230 Lumens
Voltage	Varying DC voltage via ALS DMX Controllers from 0 to a max of 12VDC. <i>Cabling from controllers to Fixtures in various lengths of 10, 20, 30, 40, 50, 60 to a maximum of 70' for the single fixture only and 10, 20, to a maximum of 30' with all other options using a 3 pair shielded cable and 6pin locking Din connectors. Cable also available in Plenum rated.</i>
Control System	DMX512
Power Supply and Controller	LiveLED 12 must be used in conjunction with a manufacturer sold controller/power supply depending on the number of outputs being used. <i>Please contact the factory for ordering information.</i>
Driver	Proprietary LED driving technology driving 7 LED's (3 red, 2 green, 2 royal blue)
Weight	1 lb. (.45 kg)
Dimensions	1.7" (L) x 2.5" (W) x 3.0" (H) 43.18 MM x 63.5 MM x 76.2 MM
Location Listing	Dry or Wet locations when back of unit is protected from direct contact to water.
Operational Temperature	104° F (40° C) Max
Installation	Unit must be installed in a space that allows for air flow.
Listings	ETL
Warranty	2 Years
Component Requirements (This system may require the following components to operate, please contact the factory for details)	LiveLED 35 / LiveLED 12 Controller STICK DMX512 controller Power/control (PCC) cables & DMX Cables

Key Features

- 230 Lumens
- Smooth RGB color mixing and full range dimming
- A variety of effects available including variable speed cross fades, variable speed color changes, strobes, and more
- 16.7 million color options available
- 26° Diffuse Spot Optics

Applications

- Cove Lighting
- Accent Lighting



LiveLED 12



Features officially licensed technology from Color Kinetics, patent numbers 6.016.038, 6.150.774



SHO White

Specification Features

Light Source	High Brightness LED array
Lumen Output	1394 max
Beam Angle	10°, 30° and 45°
Fixture Spacing	20' (6.095m)
Control System	None required
Housing Material	Hard wire through bottom and side conduit entrances
Wiring	Cast Aluminum Alloy
Dimensions	13.0"(L) x 5.3" (w) x 9.5" (H) 330 MM (L) x 133 MM (W) x 241 MM (H)
Voltage	120V line voltage
Rated Life	50,000 hours
Mounting	Easy to install back mounting plate
Current	1.5A max
Wattage	68W
Operating Temperature	-4°F to 104°F (-20°C to 40°C)
Ratings	IP66
Listings	CE, ETL



Key Features

- Available in warm and cool white (3000K and 6000K)
- 1394 Lumens
- No power supply required - the only true 120V line voltage LED flood light
- Available with 10°, 30°, and 45° optics

Applications

- Flood Lighting
- Wall Washing
- Accent Lighting



SHO White



SHO RGB

Specification Features

Color Range	Uses red, green and blue high brightness LEDs to produce over 16 million colors.
Light Source	LTCC-M High density RGB array
Beam Angle	30°, 45°
Fixture Spacing	20' (6.095m)
Control System	DMX512
Housing Material	Cast aluminum alloy
Wiring	Hard wire through bottom and side conduit entrances
Dimensions	13.0"(L) x 5.3" (W) x 9.5" (H) 330 MM (L) x 133 MM (W) x 241 MM (H)
Input Voltage	90-132 / 180-264 VAC, 47-63 Hz
Mounting	Easy to install back mounting plate
Current	1.5A max
Wattage	90W
IP Rating	IP66
Operating Temperature	-4°F to 104°F (-20°C to 40°C)
Listings	ETL, CE
Component Requirements (This system may require the following components to operate, please contact the factory for details)	STICK DMX512 controller DMX Cables



Features officially licensed technology from Color Kinetics; patent numbers 6.016.038, 6.150.774

Key Features

- 16.7 million color options available
- Color effects include static colors, cross fading, chasing, and single color rotation
- 1416 Lumens
- Sealed housing is constructed of cast aluminum alloy

Applications

- Flood Lighting
- Wall Washing
- Accent Lighting



SHO RGB



LiveLED 100

Specification Features

Construction	Extruded, black powder coated aluminum housing and mounting yoke. Gasket sealed for all weather operation. *Available in black finish only.
Lumen Output	1800 lumens
Optics	7°, 22°, 45°
Voltage	85 - 265 VAC, auto sensing power supply
Wattage	101 LED Watts, 117 Total Watts
Control System	DMX 512 with master/slave or active control via USITT standard XLR in/out connectors (3 pin standard, 5 available upon request). 49 on board programmed effects controlled via chassis mounted rotary knobs.
Driver	Proprietary LED driver system driving 44 LED with 22/11/11 - RGB
Weight	13 lb (5.89 kg)
Dimensions	6.0" (L) x 10.75" (W) x 9.0" (H) 152.4 MM x 273 MM x 228.6 MM
Listings	UL / cUL
Ratings	IP65
Rated Life	50,000 Hours
Warranty	2 Years
Component Requirements (This system may require the following components to operate, please contact the factory for details)	STICK DMX512 controller DMX Cables



Features officially licensed technology from Color Kinetics; patent numbers 6.016.038, 6.150.774

Key Features

- 1800 Lumens
- 49 Pre-programmed effects
- A variety of effects available including variable speed cross fades, variable speed color changes, strobes, and more
- Narrow, Oval, and Wide optic options
- 16.7 million color options available

Applications

- Flood Lighting
- Wall Washing
- Accent Lighting



LiveLED 100





Step/Accent Light

Specification Features

Construction	Fixture housing is made of machined brass or aluminum and finished for lasting beauty and durability. Finishes include natural brass, aluminum, black aluminum, and white aluminum. Spring mounting secures fixtures tightly into walls, ceilings or display cases. Compression fitting hold fibers tightly into fixture. 1.375" (35mm) diameter.
Cabling	The SL-500 accommodates 4 strand through 75 strand EndGlow cables (see EndGlow Cable spec sheet for detailed cable information)
Warranty	2 Years
Component Requirements (This system may require the following components to operate, please contact the factory for details)	EndGlow® Fiber Optic Cable Fiber Optic Illuminator

Key Features

- Small Size
- Brass, aluminum, black aluminum, and white aluminum finishes available
- Designed to complement Endglow fiber optic cable

Applications

- Step Lighting
- Accent Lighting
- Display Lighting



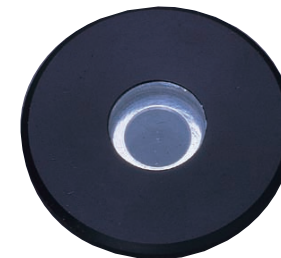
SL500



SL501



SL502



SL503

FIBER OPTIC COMPONENTS



Lamp Technology

Hanger

MR 11
30 watt

MR 16
75 watt

Mini Hanger

Propagator Reflector
100 watt



Fiber Optics



Metal Hanger

FAB Lamp
75 watt



End P
030

End G
50 Str

Side G
84 Str

Fixed Downlight

Specification Features

Construction	Fixture housing is made of machined brass or aluminum and finished for lasting beauty and durability. Finishes include natural brass, aluminum, black aluminum, and white aluminum. Spring mounting secures fixtures tightly into walls, ceilings or display cases. Compression fitting hold fibers tightly into fixture. 2" (50mm) diameter.
Cabling	The FD-700 series accommodates up to a 150-strand EndGlow cable (see EndGlow page 47 for detailed cable information)
Warranty	2 Years
Component Requirements (This system may require the following components to operate, please contact the factory for details)	EndGlow® Fiber Optic Cable Fiber Optic Illuminator

Key Features

- Alternative to traditional downlighting
- Small Size
- Brass, aluminum, black aluminum, and white aluminum finishes available
- Designed to complement Endglow fiber optic cable

Applications

- Accent Lighting
- Down Lighting
- Display Lighting



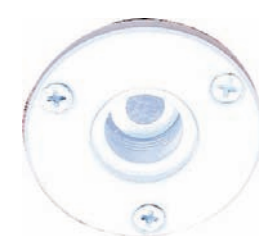
FD700SC



FD701SC



FD702SC



FD703SC



Adjustable Eyeball Fixture

Specification Features

Construction	Fixture housing is made of machined brass or aluminum and finished for lasting beauty and durability. Finishes include natural brass, aluminum, black aluminum, and white aluminum. Eyeball provides 45° rotation. Equipped with spring and screws for choice of mounting fixture tightly into ceilings or display cases. Compression fitting hold fibers tightly into fixture. 2" (50.8mm) diameter.
Cabling	The EB-900 accommodates 4 strand through 150 strand EndGlow cables (see EndGlow Cable spec sheet for detailed cable information)
Warranty	2 Years
Component Requirements (This system may require the following components to operate, please contact the factory for details)	EndGlow® Fiber Optic Cable Fiber Optic Illuminator

Key Features

- Adjustable and aimable recessed fixture
- Creates layered lighting effects
- Brass, aluminum, black aluminum, and white aluminum finishes available
- Designed to complement Endglow fiber optic cable

Applications

- Wall Washing
- Accent Lighting
- Display Lighting



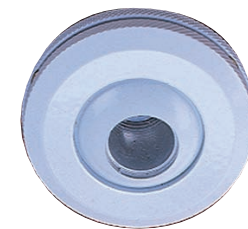
EB900



EB901



EB902



EB903



Stainless Steel Fixture

Specification Features

Construction	Stainless steel housing, glass lens, fiber tight connector to secure fiber optic cable in place.
Cabling	The SS400 accommodates up to 150 strand EndGlow® fibers.
Warranty	2 Years
Component Requirements (This system may require the following components to operate, please contact the factory for details)	EndGlow® Fiber Optic Cable Fiber Optic Illuminator

Key Features

- Glass convex lens
- Ideal for corrosive environments
- Designed to complement EndGlow® fiber optic cable

Applications

- Accent Lighting
- Step Lighting
- Display Lighting



SS400



Light Sticks

Specification Features

Construction	Acrylic rod and PVC base and stake. Fiber tight connector secures fiber optic cable in fixture.
Cabling	A Light Stick can accommodate up to 12 strand EndGlow® fibers.
Warranty	2 Years
Component Requirements (This system may require the following components to operate, please contact the factory for details)	EndGlow® Fiber Optic Cable Fiber Optic Illuminator

Key Features

- Designed to complement EndGlow® fiber optic cable
- Produces no heat at the Light Stick
- Multiple Light Sticks can be installed using one illuminator
- Color change capability

Applications

- Accent Lighting



Light Stick

ON THE GLORY OF THEIR DEEDS

VALIANTLY FOUGHT AND SERVED IN OUR NATION'S WARS WITH ETERNAL GRATITUDE TO THOSE WHO MADE THE SUPREME SACRIFICE TO PRESERVE EQUALITY AND FREEDOM THROUGHOUT THE WORLD

LyteTrack

Specification Features

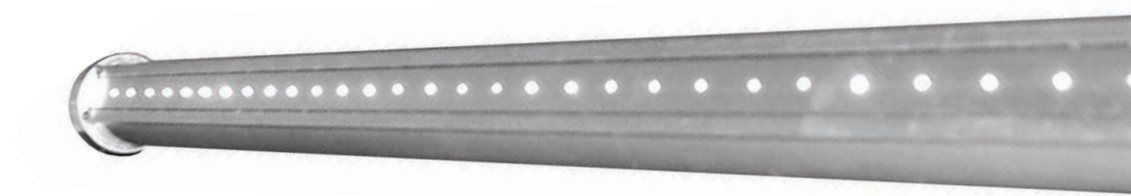
Construction	Extruded aluminum body and face plate. CK-30, .75 PMMA fiber. Anodized finishes optional
Custom Lengths and Fiber Spacing	96 points of fiber per 4' section (1/2" Fiber Spacing) 192 points of fiber per 4' section (1/4" Fiber Spacing)
Warranty	2 Years Limited
Component Requirements (This system may require the following components to operate, please contact the factory for details)	EndGlow® Fiber Optic Cable Fiber Optic Illuminator

Key Features

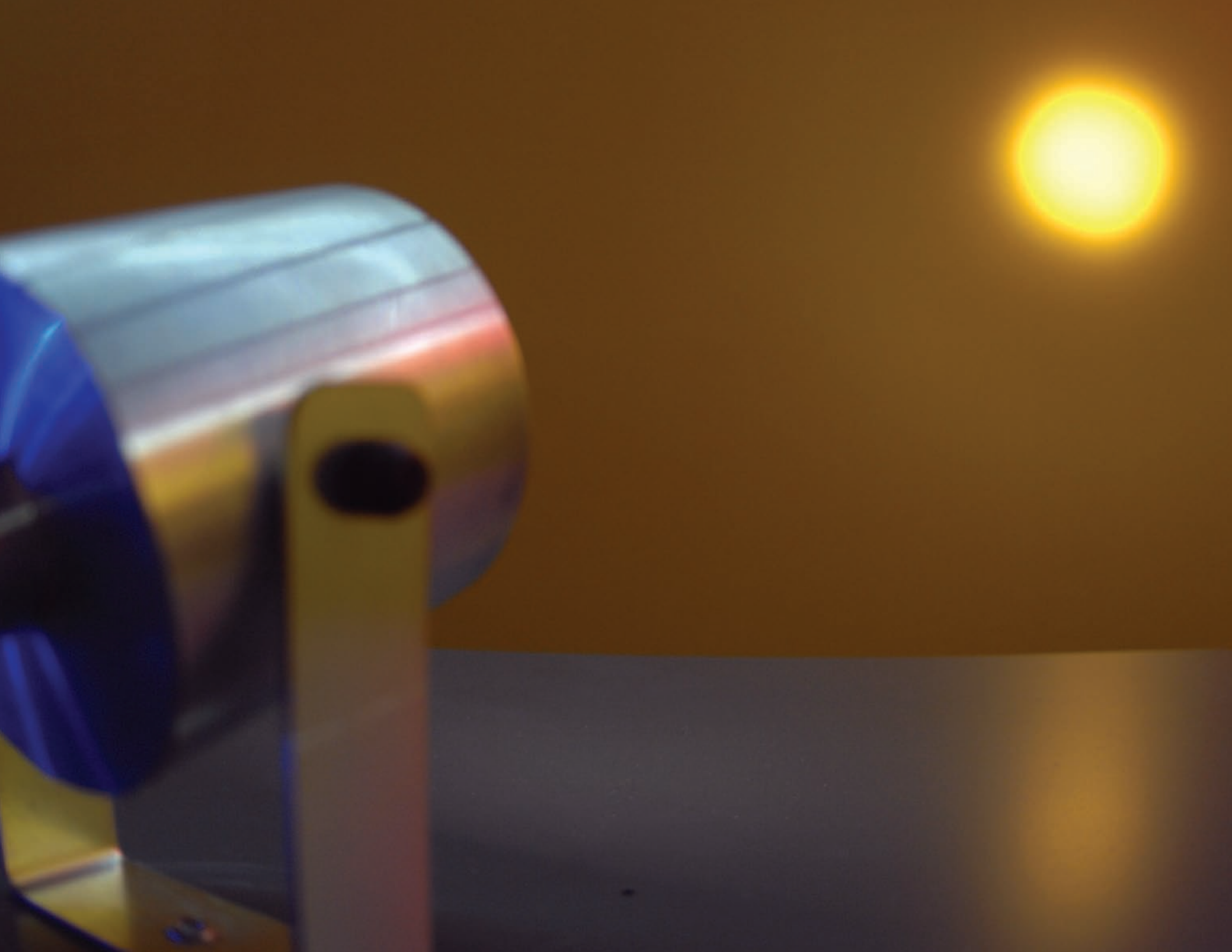
- Virtually maintenance free
- High brightness
- Excellent light transmission
- Easy Install

Applications

- Cove Lighting
- Accent Lighting
- Display Lighting



LyteTrack



Super NiteLyte

Specification Features

Construction	Materials & Components: Molded acrylic micro lens
Dimensions	2.86" (l) x 3.12" (diameter) 72.63 mm (l) x 79.21 mm (diameter)
Installation	Yoke mounted. (Adjustable) EEF end element ferrule to accommodate specific cable fiber counts. EEF Focus allows for variable focal length. PG Ferrule for outdoor application.
Warranty	2 Years Limited
Component Requirements (This system may require the following components to operate, please contact the factory for details)	EndGlow® Fiber Optic Cable Fiber Optic Illuminator

Key Features

- Designed to complement Endglow fiber optic cable
- 7° spot lens (50-60' throw)
- Fixture holds up to 75 (1mm) fibers
- Using the optional Foccus Ferrels, spot can be adjusted from 7° to 60°
- Machined Aluminum

Applications

- Spot Lighting
- Flood Lighting
- Accent Lighting



Super NiteLyte
ALS-SNL-1



PaverLyte Fixture

Specification Features

Construction	Stainless steel body. Black plastic compression fitting.
Dimensions	1.16" (l) x 1.43" (diameter) 29.5 mm (l) x 36.4 mm (diameter)
Installation	Mounts in sch. 40 1" PVC pipe. Secure with silicone adhesive or epoxy. Avoid hard 90 degree fittings (sweeps are recommended).
Warranty	2 Years Limited
Component Requirements (This system may require the following components to operate, please contact the factory for details)	EndGlow® Fiber Optic Cable Fiber Optic Illuminator

Key Features

- Fibers held in place by compression fitting
- Fixture holds up to 75 (1mm) fibers
- Multiple lens options: 60° Diffused and Flood (clear)
- Designed to complement Endglow fiber optic cable

Applications

- Accent Lighting
- Step Lighting



PaverLyte



SideGlow Fiber Optic Cable

Specification Features

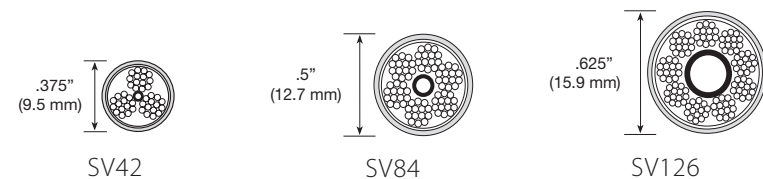
Construction	The SideGlow® cable is constructed of .030"/0.75mm diameter PMMA acrylic optical fibers of twisted sub-bundles twisted (sv42, sv84, sv126 only) within a flexible clear jacket. The fibers are twisted around a highly reflective PVC internal core that offers flexible stability with maximum light output.
Warranty	2 years
Size	(The cable diameter is determined by fiber quantity)
42 fibers	.375" (9.5 mm)
84 fibers	.5" (12.7 mm)
126 fibers	.625" (15.9 mm)
Component Requirements (This system may require the following components to operate, please contact the factory for details)	Fiber Optic Illuminator Mounting Track/Accessories

Key Features

- Safe alternative to neon
- Virtually unbreakable
- UV protected and has an algacide and fungicide treated exterior jacket for maximum durability against the elements

Applications

- Cove Lighting
- Display Lighting
- Accent Lighting





Ultra SideGlow Fiber Optic Cable

Specification Features

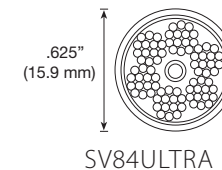
Construction	The Ultra SideGlow® cable is made up of .040"/1.0mm diameter PMMA acrylic optional fibers twisted within a flexible clear jacket. The fibers are twisted around a highly reflective PVC internal core that offers flexible stability with maximum light output.
Warranty	2 years
Size	(The cable diameter is determined by fiber quantity)
84 fibers	.625" (15.9 mm)
Component Requirements (This system may require the following components to operate, please contact the factory for details)	Fiber Optic Illuminator Mounting Track/Accessories

Key Features

- Safe alternative to neon
- Virtually unbreakable
- UV protected and has an algacide and fungicide treated exterior jacket for maximum durability against the elements

Applications

- Cove Lighting
- Display Lighting
- Accent Lighting





EndGlow Fiber Optic Cable

Specification Features

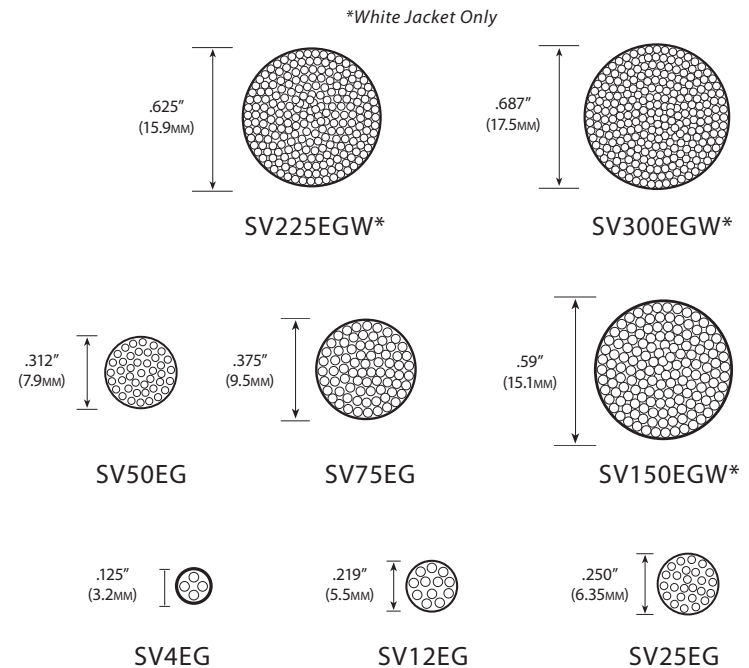
Construction	EndGlow® cable is multi-strand fibers protected in a flexible PVC jacket for ease of handling and fiber protection.
Warranty	2 years
Size	(The cable diameter is determined by fiber quantity)
4 fibers	.125" (3.2 mm)
12 fibers	.219" (5.5 mm)
25 fibers	.250" (6.35 mm)
50 fibers	.312" (7.9 mm)
75 fibers	.375" (9.5 mm)
150 fibers	.59" (15.1mm)
225 fibers	.625" (15.9mm)
300 fibers	.687" (17.5mm)
Component Requirements (This system may require the following components to operate, please contact the factory for details)	Fiber Optic Illuminator Fiber Optic Fixture

Key Features

- Ideal for use with architectural lighting fixtures, landscape fixtures, water-tight lenses and feature lights
- Protected in a flexible PVC jacket for ease of handling and fiber protection.

Applications

- Accent Lighting
- Display Lighting
- Landscape Lighting





EndPoint Fiber Optic Cable

Specification Features

Construction	Single-strand PMMA acrylic optical fibers
Warranty	2 years
Component Requirements (This system may require the following components to operate, please contact the factory for details)	Fiber Optic Illuminator

Size and Bend Radius Information

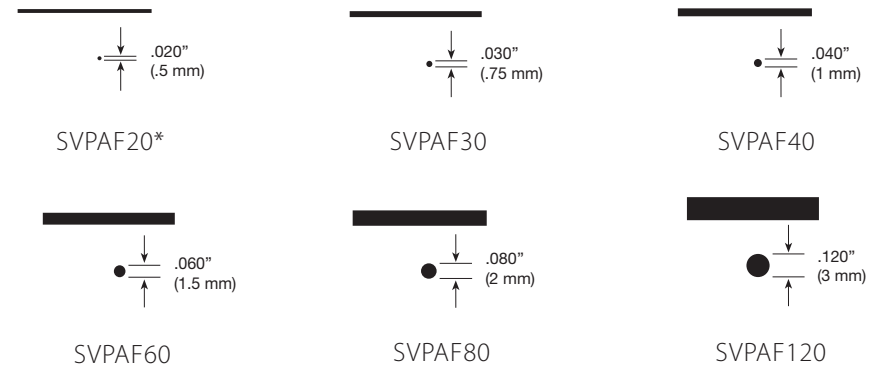
	Fiber Diameter	Maximum Bend Radius (smallest)
SVPAF20	.020" (.50mm)	.5" (12.7mm)
SVPAF30	.030" (.75mm)	.5" (12.7mm)
SVPAF40	.040" (1mm)	.5" (12.7mm)
SVPAF60	.060" (1.5mm)	.75" (19mm)
SVPAF80	.080" (2mm)	1.25" (31.8mm)
SVPAF120	.120" (3.0mm)	1.25" (31.8mm)

Key Features

- Ideal for starfield ceilings, point-of-purchase displays, floor tiles, wallscapes and spectacular displays
- Offered on a spool as an individual strand

Applications

- Starfield Ceilings
- EndPoint Signs
- Display Lighting



Fiber is sold by the spool only



SV750 Fiber Optic Illuminator

Specification Features

Electronic Rating	120 VAC, 60 Hz / .70 Amps 220 VAC, 50 Hz / .40 Amps
Lamp	<ul style="list-style-type: none"> 75 watt quartz halogen lamp 4,000 hours average rated life
Power Consumption	88 watts max
Fiber Capacity	2500 fibers w/.75mm fibers
Safety Features	<ul style="list-style-type: none"> Internal 122°F/ 50°C thermal protector Power inlet 2 map fuse (<i>extra fuse provided</i>)
Ambient Operation Temp.	-20°F to 110°F (-29°C to 44°C)
Dimension	5.5" (w) X 9.5" (L) X 5.75" (H) 140mm (w) X 241mm (L) X 146mm (H) <i>add 11" (w) / 279.4mm (w) for fiber head and fiber</i>
Weight	7 lb (3.2 kg)
Finish	Powder coating, no bare metal, inside or outside
Mounting / Installation	Surface or wall mount
Ventilation	<ul style="list-style-type: none"> 21 CFM enclosure cooling 6" (152mm) clearance required to nearest surface 24" (610mm) clearance required between each illuminator
UL Listed	Dry location (<i>UL file No. E166626</i>)
dB Rating	40dbA
IP Rating	20
Standards	UL / cUL, CE
Warranty	2 years on parts (<i>excluding lamp</i>)

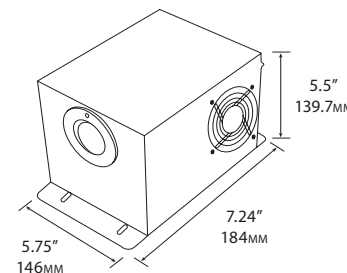


Key Features

- 75 watts of incandescent quartz halogen illumination for EndGlow® applications
- Compact housing fits well into confined spaces and features an optional color and sparkle wheels for dramatic effects
- Rated for indoor applications only
- Easy access door panel allows for easy re-lamping

Applications

- EndGlow® Fiber Optic Cable



STARPRO Fiber Optic Illuminator

Specification Features

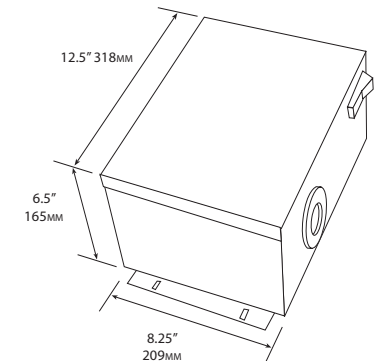
Electronic Rating	120 VAC, 60 Hz / 0.9 Amps 220 VAC, 50 Hz / 0.45 Amps
Lamp	<ul style="list-style-type: none">• 70 watt metal halide• 9,000 hours average rated life• Color temperature - 3000K
Power Consumption	100 watts max.
Fiber Capacity	2500 w/0.75mm fibers
Safety Features	Internal 185°F/ 85° C thermal protector
Ambient Operation Temp.	-20°F to 110°F (-29°C to 44°C)
Dimension	8.25" (w) x 12.5" (L) x 6.5" (H) 209mm (w) x 318mm (L) x 165mm (H) <i>add 15" (w) / 381mm (w) for fiber head and fiber</i>
Weight	7 lb (3.2 kg)
Finish	Powder coating, no bare metal, inside or outside, water, corrosion and chemical resistant
Mounting / Installation	Horizontal for OUTDOOR and WET locations
Ventilation	<ul style="list-style-type: none">• 115 CFM enclosure cooling• Recommended distance from surface, 6"(152mm)• Recommended distance from another light source, 24"(509mm)
UL Listed	Wet & Dry Locations (Wet location, the unit must face up) <i>UL file No.E202257</i>
dB Rating	50dbA
IP Rating	23
Standards	UL / cUL, CE
Warranty	2 years on parts (<i>excluding lamp</i>)

Key Features

- 70 watt metal halide illumination for EndPoint® applications
- Rated for indoor and outdoor use

Applications

- EndPoint® Fiber Optic Cable



FIBERPRO Fiber Optic Illuminator

Specification Features

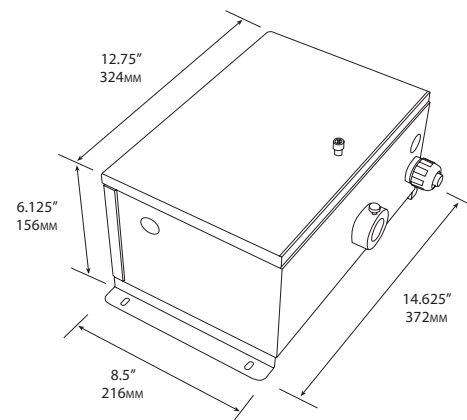
Electronic Rating	120 VAC, 60 Hz / 4.5 A (start up) 120 VAC, 60 Hz / 2.3 A (running) 220-240 VAC, 50 Hz, 3.5 A (start up) 220-240 VAC, 60 Hz, 2.0 A (running)
Lamp	<ul style="list-style-type: none"> • 150 watt metal halide - Vision 2 Technology • 10,000 hours average rated life
Power Consumption	300 Watts, maximum
Fiber Capacity	500 fibers w/ 0.75mm fibers 288 fibers - Ultra SideGlow®(1mm)
Safety Features	Internal 185°F / 85°C thermal protector
Ambient Operation Temp.	-20°F to 110°F (-29°C to 44°C)
Dimension	8.5" (w) x 14.625" (L) x 6.125" (H) 216mm (w) x 372mm (L) x 156mm (H) 14.125" (H) / 359mm with door open <i>Allow an additional 5" (w) / 127mm (w) for fiberhead and fiber</i>
Weight	23 lb (10.5 kg)
Finish	Galvanneal, Powder coating, no bare metal inside or outside, Water, corrosion and chemical resistant
Mounting / Installation	Surface or wall mount <i>(Must be flush mounted to surface for proper air separation between compartments)</i>
Ventilation	<ul style="list-style-type: none"> • 115 CFM enclosure cooling • 28 CFM fiber tunnel cooling • Recommended distance from surface, 6" • Recommended distance from another light source, 24"
UL Listed	Wet and dry locations (UL file No. E202257)
dB Rating	FiberPro: 52dbA / FiberPro-Q: 35dbA
IP Rating	23
Standards	UL / cUL, CE
Warranty	2 years on parts <i>(excluding lamp)</i>

Key Features

- 150 watt metal halide illumination for EndGlow® and SideGlow® applications
- Rated for indoor and outdoor use
- Easy access door panel allows for easy re-lamping

Applications

- EndGlow® Fiber Optic Cable
- SideGlow® Fiber Optic Cable



FiberPro

SV150T Fiber Optic Illuminator

Specification Features

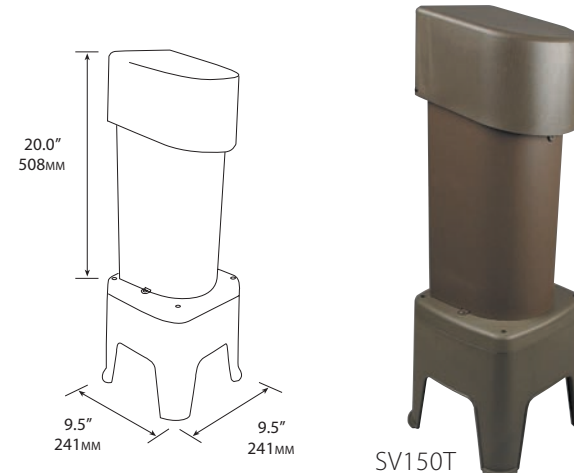
Electronic Rating	120 VAC, 60 Hz / 3 A (start up) 120 VAC, 60 Hz / 1.8 A (running) 220-240 VAC, 50 Hz, 3 A (start up) 220-240 VAC, 50 Hz, 1.2 A (running)
Lamp	<ul style="list-style-type: none">• 150 watt metal halide - 4,000K• 10,000 hours average life
Power Consumption	200 watts max.
Fiber Capacity	<ul style="list-style-type: none">• 550 fibers maximum w/.75mm fibers• 288 fibers - Ultra SideGlow 1mm• 756 fibers maximum (upgrade) .75mm• 435 fibers maximum - Ultra SideGlow (upgrade) 1mm
Upgrades	<ul style="list-style-type: none">• White only to 6 colors• 550 - 756 fiber head• RF controlled light source (surface)
Ambient Operation Temp.	-20°F to 110°F (-29°C to 44°C)
Dimension	9.5" (w) x 9.5" (L) x 20" (H) 241mm (w) x 241mm (L) x 508mm (H)
Weight	21 lb (9.5 kg)
Finish	UV stabilized materials, water, corrosion and chemical resistant
Mounting / Installation	Surface or burial mount up to area below fan location
Ventilation	<ul style="list-style-type: none">• Forced ventilation 115 CFM• FAN: 20 Watts, 80,000 hrs. lamp life• 6" clearance required to nearest surface.• 2' clearance between each illuminator
UL Listed	Wet & Dry Locations (UL file No.E202257)
dB Rating	48dbA
IP Rating	23
Standards	UL / cUL, CE
Warranty	2 years on parts (excluding lamp)

Key Features

- 150 watt metal halide illumination for EndGlow® and SideGlow® applications
- Base of the SV150T illuminator is designed for burial with the fibers, concealing electrical and control wires.
- Rated for indoor and outdoor use
- Easy access door panel allows for easy re-lamping

Applications

- EndGlow® Fiber Optic Cable
- SideGlow® Fiber Optic Cable



ECLIPSE II Fiber Optic Illuminator

Specification Features

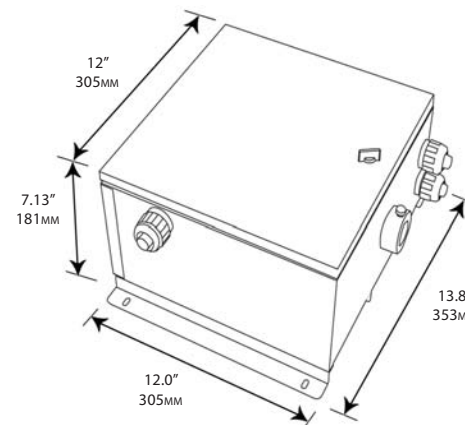
Electronic Rating	120 VAC, 60 Hz / 4.6 A 220 VAC, 50 Hz / 3 A 277 VAC, 60 Hz / 2.5 A
Lamp	<ul style="list-style-type: none"> • 250 watt metal halide • 4000 hours average life • Color temperature - 4200 K
Power Consumption	600 watts max.
Fiber Capacity	500, 0.75mm fibers/ 288 (1mm) fibers
Safety Features	Internal 185°F/ 85° C thermal protector
Ambient Operation Temp.	-20°F to 110°F (-29°C to 44°C)
Dimensions	12" (w) x 13.80" (L) x 7.13" (H) 305MM (w) x 353MM (L) x 181MM (H) <i>add 18.6" (w) / 472MM (w) for fiberhead and fiber</i>
Weight	27 lb (12.2 kg)
Finish	Galvanneal; Powder coating, no bare metal, inside or outside; Water, corrosion and chemical resistant
Mounting / Installation	Surface or wall mount-horizontal fiberhead direction only. Must be flush mounted to surface for proper air separation between compartments
Ventilation	<ul style="list-style-type: none"> • 115 CFM enclosure cooling • 60m3/h fiber tunnel cooling
UL Listed	Wet & Dry Locations (Wet location, a unit must be installed on a horizontal mount face up) <i>(UL file No. E202257)</i>
dB Rating	56dbA
IP Rating	23
Standards	UL / cUL, CE
Warranty	2 years on parts <i>(excluding lamp)</i>

Key Features

- 250 watt HID illumination for SideGlow® applications
- Nexxus Lighting's most powerful illuminator
- Rated for indoor and outdoor use
- Easy access door panel allows for easy re-lamping

Applications

- SideGlow® Fiber Optic Cable



Eclipse II



LYTELAUNCH 150 Fiber Optic Illuminator

Specification Features

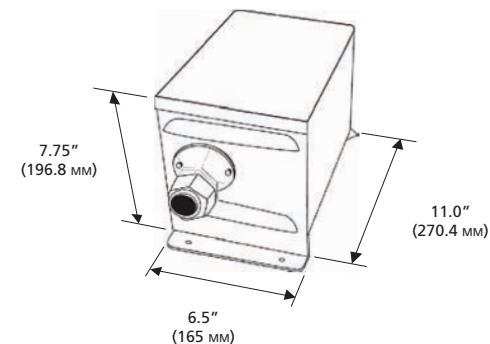
Electronic Rating	120V / 240V / 277V
Lamp	<ul style="list-style-type: none"> • 150 watt metal halide CDM-SA/R • 6,000 hours average rated life • Color temperature - 4200 K with a CRI of 96
Power Consumption	180 Watts
Fiber Capacity	<ul style="list-style-type: none"> • 0.75mm fibers 670 / 1.00mm fibers 380 • 1.50mm fibers 132 / 2.00mm fibers 74 • 3.00mm fibers 32
Fiber Lumens	2800 lumens measured from 300 - 1mm fiber, Clearfused™ and polished one foot in length. Net nominal luminous efficiency of light source 24 port lumens per watt
Control Options	Component Module with DMX 512 via XLR in/out connectors with preset or active control capabilities
Color Options	White light, single color, standard 8 or custom 8 color wheel, dimming wheel
Safety Features	Thermally protected ballast and kill switch when cover is opened
Ambient Operation Temp.	-20°F to 110°F (-29°C to 44°C)
Dimensions	11.0" (L) x 6.5" (W) x 7.75" (H) 270.4 mm (L) x 165.0 mm (W) x 196.8 mm (H)
Weight	8lbs (3.6 kg) / DMX version 10lbs (4.5 kg)
Finish	Formed CRS housing, powder coat finish
Ventilation	56 CFM fan cooled
UL Listed	Wet & Dry Locations
dB Rating	28dba
IP Rating	23
Standards	UL / cUL, CE
Warranty	2 years on parts (excluding lamp)

Key Features

- 150 watt metal halide illumination for EndGlow® and SideGlow® applications
- Quiet Operation (28db)
- High Color Rendering (96 CRI)
- Stable Performance & Color Temperature Over Lamp Life Span
- Rated for indoor and outdoor use

Applications

- EndGlow® Fiber Optic Cable
- SideGlow® Fiber Optic Cable



LyteLaunch 150





Nexus Lighting connects you with advanced lighting technology including commercial grade LED and fiber optic lighting systems & controls. Our focus is on the rapidly expanding market for LED lighting system technologies, fiber optic lighting technologies and other new emerging “white light” technologies for general illumination through both new product development and strategic acquisitions. **Life's Brighter™**



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