

Del Lighting

2013 CATALOG

Fiber Optic Lighting
LED Lighting
Stage & DJ Lighting
Led Bulbs and Par Lamps
LED & Mini-light Rope Lighting
LED Neon Replacement
Architectural Lighting
Lasers

DEL Lighting, Inc.
5331 Brewster
San Antonio, TX 78233
Phone: (210) 590-5196 Fax: (210) 590-4957
Email: Sales@del-lighting.com
Website: www.del-lighting.com

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DEL Lighting, Inc. 2010 Catalog

Fiber Optic Lighting
LED Lighting
Mini-light Rope Lighting
Laser, UV and Fog Machines
Architectural Lighting



Fiber Optic Illuminators

Illuminators are the light source for your fiber optic system. We offer many different types for different uses. If you are looking to do a project in your pool, spa, garden or you're doing an exterior sign, then you will need an illuminator that is rated for **WET/DRY** conditions. Look for those words and color scheme below for the correct illuminators for your job. If you have a project that involves involved color changes and you want more control over the illuminators functions, then you'll need one with **DMX** capabilities. Look for this word and color scheme below for the correct illuminator. If you have a large project that will need more than one illuminator and you want them to change color at the same time, you will need to have them synchronized or use **DMX** units.

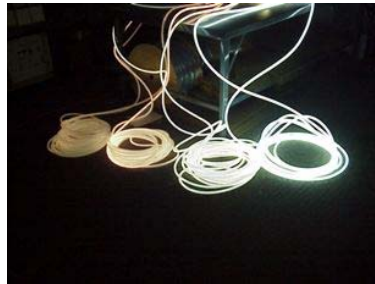
Our S and ST series 150-watt Metal Halide illuminators are 25% brighter than normal metal halide illuminators and produce a whiter light and a more vivid color than any competitive model on the market today. They are approved for wet or dry locations and come standard with a 6 foot nema cord or may be ordered hard-wired. Each model features a patented dichroic lamp reflector and aluminum heat sink. This special design eliminates ultra violet light while reducing heat output, thus creating the brightest, longest lamp life possible in metal halide technology.

Comparative Brightness Of Fiber Optic Illuminators

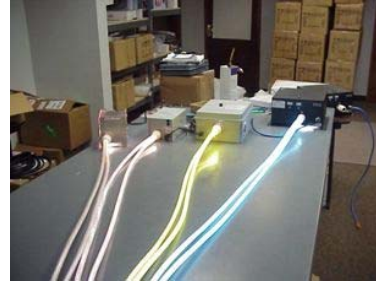
We took 60' loops of the S-SB126 and ran them to an X20-75, SL100, S150-8 and a DEL 250-8 illuminator to see how the units compare in brightness under the exact same conditions. As you can see, the difference is dramatic.



From left to right, white light:
X20-75
SL100
S150-8
DEL250-8



From left to right, white light:
X20-75
SL100
S150-8
DEL250-8

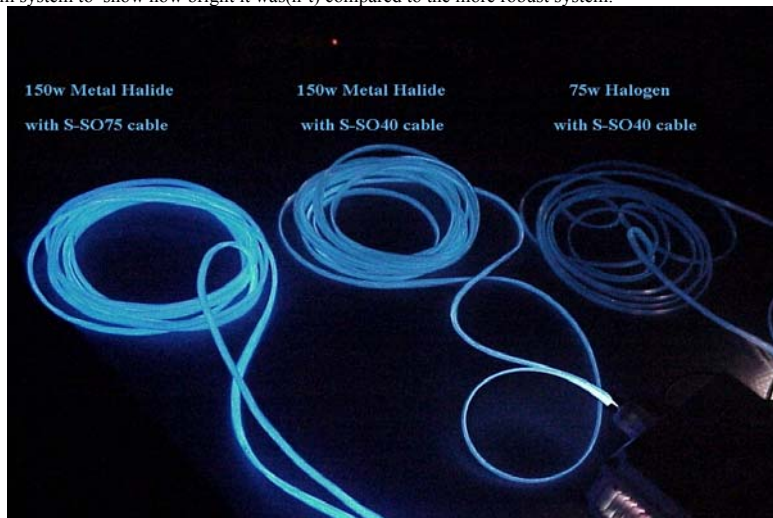


This is how we set things up

This next series shows several different illuminators in different colors. We placed them in order of brightness, left to right. Some colors were different between illuminators so we did the best we could. From left to right: SL100, Del250QH, RGBLED, S150 and Del250 HID



This shows two parts of the brightness calculation: cable and illuminator. We took the same illuminator and put two types of cable in it and then we took a very minimum system to show how bright it was(n't) compared to the more robust system.



Indoor/Outdoor Illuminators

S150-W 150-watt Wet/Dry illuminator White light only

The S150 is a high intensity, metal halide illuminator producing 15,000 lumens of intense light (4,000 degrees Kelvin) and will provide up to 10,000 hours of lamp life. It will handle up to 750 strands of cable. This unit comes with controls to turn unit on/off. A factory installed remote control is available for only \$175.00. A retrofit programmable 1-9 hr. Dusk to Dawn Light Sensor is available. Replacement 3,000 degree Kelvin lamps also available. These produce a warmer light for side emitting cable projects

Dimensions: 6.50" H x 11"W x 12" L

Weight: 20 lbs

Warranty: *Limited Limited Lifetime (with \$175 fee after the first year)



S150-5 150-watt Wet/Dry illuminator with 5 color wheel

Same as above with an 5 color - color wheel Now available with wireless remote

S150-8 150-watt Wet/Dry illuminator with 8 color wheel

Same as above with an 8 color - color wheel Now available with wireless remote

ST150-W 150-watt Wet/Dry TOWER illuminator White light only

The ST150 is a high intensity, metal halide illuminator producing 15,000 lumens of intense light and will provide up to 10,000 hours of lamp life. It will handle up to 750 strands of cable. Designed to blend into the shrubbery, it is mounted on the ground. (Primarily used for pool or garden illumination)



ST150-5 150-watt Wet/Dry TOWER illuminator with 5 color wheel

Same as above with an 5 color - color wheel A factory installed remote control is available for only \$175.00. A retrofit programmable 1-9 hr. Dusk to Dawn Light Sensor is also available.

ST150-8 150-watt Wet/Dry TOWER illuminator with 8 color wheel

Same as above with an 8 color - color wheel

ST150-6SI 150-watt Wet/Dry TOWER illuminator with 6 color wheel and Self-Synchronizing

The ST150-6SI is a high intensity, metal halide illuminator producing 15,000 lumens of intense light and will provide up to 10,000 hours of lamp life. 550-0.75mm strands standard with 755 strand option for \$50. Wireless remote control kit upgrade for \$100.00. Designed to blend into the shrubbery, it is mounted on the ground. 20"T x 10"W 2yr warranty 3amp startup, 1.8amp running

DEL 150-8 DMX 150-watt Wet/Dry DMX illuminator with 8 color Color Wheel and douser

The DEL 150-8 DMX unit is an outdoor 150w DMX controlled unit. It has a 15,000 lumen lamp rated for 10,000 hours and a 500 fiber optic strand capacity. Illuminator is set up for hard wiring.

For 6' power cord and power on/off switch add \$100

DEL-150HID-8LC Wet 150 watt Wet/Dry illuminator with wire line controlled color wheel

The DEL-150HID unit is a high intensity metal halide illuminator with a 6,000 hr, 12,500 lumen lamp. It will handle up to 1,000 strands of 0.75mm cable. This unit has a second power cord that directly controls the color wheel motor, allowing you to slow down or stop the color wheel without a DMX system.

Dimensions: 6.6"H x 12" W x 11"L Weight: 18.1 lbs -IP 44

DEL 250-W 250-watt Wet/Dry illuminator White light only

The DEL 250 is a indoor/outdoor illuminator for large side emitting projects where light intensity is crucial. 4,000 hour lamp life. Illuminator is set up for hard wiring. For 6' power cord and on/off switch add \$100

DEL 250-5 250-watt Wet/Dry illuminator 5 color Color Wheel

The DEL 250 is a indoor/outdoor illuminator for large side emitting projects where light intensity is crucial. 4,000 hour lamp life. DMX control option available for \$399.00. Illuminator is set up for hard wiring. For 6' power cord and power/ color wheel on/off switches add \$125

DEL 250-8 250-watt Wet/Dry illuminator 8 color Color Wheel

The DEL 250 is a indoor/outdoor illuminator for large side emitting projects where light intensity is crucial. 4,000 hour lamp life. DMX control option available for \$399.00. Illuminator is set up for hard wiring. For 6' power cord and power/ color wheel on/off switches add \$125

SL-75 **75-watt Wet/Dry Illuminator with 5 color - color wheel**

75 watt halogen light source will last 4,000 hours. It has a 3/4 amp draw, 120V, 12V transformer and current spike protection. It comes with a 6 ft cord, on/off and color wheel switches.

225 strand cable ready, 350 option. 120VAC standard, 12VDC option

Dimensions: 5"Hx5.75"Wx9.25"L

Warranty: +Limited Lifetime (with \$75 fee after the first year)

(Primarily used for pool or garden illumination)



SL-100 **100-watt Wet/Dry Illuminator with 5 color - color wheel**

100 watt halogen light source will last 1,500 hours. It has a 1 amp draw, 120V, 12V transformer and current spike protection. It comes with a 6 ft cord, on/off and color wheel switches.

755 strand cable 120VAC standard, 12VDC option

Dimensions: 5"Hx5.75"Wx9.25"L

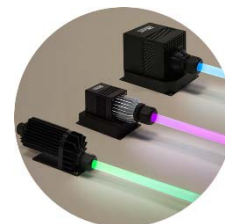
Warranty: +Limited Lifetime (with \$75 fee after the first year)

(Primarily used for pool or garden illumination)

Indoor/Outdoor RGB LED Illuminators

RGB LED

RGB LED Illuminators offer a reliable compact solution for the multi-color and dynamic lighting markets. State-of-the-art solid-state lighting technology enables RGB LED illuminators to couple a vast array of light combinations into a variety of fiber applications. RGB LED illuminators save energy through the use of high efficiency bright LEDs capable of delivering light to where you need it most. RGB LED illuminators come in multi-color RGB and red, green, or blue configurations. Light output from the standard unit is brighter than the SL-100 illuminator.



Indoor/Dry Location Illuminators

DEL150-8 M/S/T

150-watt DMX illuminator with 8 color wheel, twinkle, shutter

150W Metal Halide DMX capable high intensity illuminator suitable for both PMMA and glass fibers. Seven Diachroic colors + white plus twinkle function allows you to change colors and/or have a twinkle effect. Also has shutter for quick on/off and strobing.

S150-8DMX M/S

150-watt Dry illuminator with DMX Master/Slave unit

The S150-8DMX M/S is a high intensity illuminator that is fully programmable via DMX512. It is sound activated and can work in either a stand-alone mode or Master/Slave mode for large projects. It comes with 8 color-color wheel or 7 color wheel with white light dimming option.



I575-8DMX M/S/D

575-watt Dry Dimming illuminator with DMX Master/Slave

The I575-8DMX M/S/D is a 575W/220V high intensity illuminator that delivers 49,000 lumens! It is fully programmable via a DMX512 controller and can work in stand alone mode or Master/Slave mode for large projects. Unit capacity is 3000 strands of cable.

Please call for more information

It features slow-roll, dimming, strobe, and twinkle effects.



S100-8DMX M/S

100-watt Dry illuminator with DMX Master/Slave unit

The S100-8DMX M/S is a 100-watt halogen illuminator that is fully programmable via DMX512. It is sound activated and can work in either a stand-alone mode or Master/Slave mode for large projects. It comes with 8 color wheel that is speed adjustable. 550 strand cable capacity 120VAC standard

DEL-150HID-8LC Dry **150 watt Dry illuminator with wire line controlled color wheel**

The DEL-150HID unit is a high intensity metal halide illuminator with a 6,000 hr, 12,500 lumen lamp. It will handle up to 1,000 strands of 0.75mm cable. This unit has a second power cord that directly controls the color wheel motor, allowing you to stop the color wheel without a DMX system.

Dimensions: 6.6"H x 11.75" W x 10.75"L Weight: 9 lbs

X20-75 SINGLE PORT 75-watt DRY illuminator with 5 color wheel

An interior illuminator with 5 color wheel, twinkle wheel upgrade available for \$40. 750 strand cable ready. 120VAC standard comes with a 6 foot cord or cable for hardwiring. Comes with 1 rpm wheel. 3W LED bulb upgrade (for starfields) is \$20.00.

Used for professional star ceilings, staircase lighting, cabinets, niche lighting etc.

Available in 20-35-50-75 watt. Also in 12VDC (\$325 list price)

Warranty: +Limited Lifetime (with \$75 fee after the first year)



X20-75WD SINGLE PORT 75-watt DRY illuminator with dimming wheel

Same as above but white light only, with dimming wheel.

Available in 20-35-50-75 watt.

Warranty: +Limited Lifetime (with \$75 fee after the first year)

DEL75W-2LC SINGLE PORT 75-watt DRY illuminator with dimming function

An interior illuminator with 4 color wheel, twinkle wheel available.

1,000 strand cable ready. 120VAC standard comes with a 6 foot power cord and a cable for remote dimming. Comes with 1 rpm wheel.

Used for professional star ceilings, staircase lighting, cabinets, niche lighting etc.

120V: 1.75A startup, 0.86A running

6.52"W x 6.79"L x 5.82"H

Indoor/Outdoor 250W Halogens

DEL250QH-(Dry or Wet)-WD 250-watt Quartz Halogen - White light Only, Dimming

250 watt Quartz Halogen light source . Instant on/off. Derated to 165W for a average lamp life of 1,500 hours. It has a 2.7 amp startup draw and 2.0 amp running draw at 120V.

1000 strand cable capacity, two line cord for remote dimming, 120VAC standard, 230 VAC option.

Dimensions: (DRY) 6.6"H x 11.75" W x 10.75"L (WET) 6.6"H x 12" W x 11"L

Weight: (DRY) 9 lbs (WET) 18.1 lbs -IP 44

DEL250QH-(Dry or Wet)-8 250-watt Quartz Halogen - 8 Color Wheel (Twinkle Wheel Option)

250 watt Quartz Halogen light source . Instant on/off. Derated to 165W for a average lamp life of 1,500 hours. It has a 2.7 amp startup draw and 2.0 amp running draw at 120V.

1000 strand cable capacity 120VAC standard, 230 VAC option.

Two line cord for remote dimming available for \$75.00

Three line cord for remote dimming and color wheel motor control available for \$125.00

Dimensions: (DRY) 6.6"H x 11.75" W x 10.75"L (WET) 6.6"H x 12" W x 11"L

Weight: (DRY) 9 lbs (WET) 18.1 lbs -IP 44 Please specify 8 color or twinkle wheel.

DEL250QH-(Dry or Wet)-8 DMX 250-watt Quartz Halogen - 8 Color Wheel & DMX Control

250 watt Quartz Halogen light source . Instant on/off. Derated to 165W for a average lamp life of 1,500 hours. It has a 2.7 amp startup draw and 2.0 amp running draw at 120V.

1000 strand cable capacity 120VAC standard, 230 VAC option.

5-Pin XLR to 3-Pin XLR cable: \$15.00 each (Use these if your DMX controller is 3 pin)

Dimensions: (DRY) 6.6"H x 11.75" W x 10.75"L (WET) 6.6"H x 12" W x 11"L

Weight: (DRY) 9 lbs (WET) 18.1 lbs -IP 44

Illuminator Accessories

<u>Extra color wheel</u>	Fits the 75-watt illuminators	\$20.00
<u>Extra twinkle wheel</u>	Fits the 75-watt illuminators	\$40.00
<u>Extra twinkle wheel</u>	Fits the 150-watt Metal Halide illuminators	\$75.00
<u>Factory installed wireless remote</u>	For S150, ST150 series	\$175.00
<u>12V, 75 Watt MR-16 bulb</u>	for SL75 illuminator	\$12.00
<u>12V, 100 Watt MR-16 bulb</u>	for SL100/SR100 illuminator	\$50.00
<u>150 Watt MH lamp w/aluminum heat sink</u>	for S150,ST150	\$160.00
<u>150 Watt HID MH lamp</u>	for SR150 illuminator	\$160.00
<u>575 Watt HID MH lamp</u>	for I575-8DMX M/S/D	\$200.00
<u>150 Watt HID MH lamp</u>	for Del150-8 DMX M/S/T	\$160.00

Illuminator Control Systems

DASHLIGHT Virtual Controller Gold

The best Dashlight interface with more versatility. Same features as DVC2 512 with 1024 DMX channels 2x512 DMX OUT (Live) or 512 DMX OUT (Stand Alone) with 3 Pin XLR
Build-In Real Time Clock and Time Triggering without computer
Additional power supply connector (9DC) for memory mode required
Internal memory (96k) for up to 22000 steps (depending on the number of channels used)
2 buttons to scroll between scenes, programs and sequences
The third button can be used for a Stand Alone dimmer function



DVC2 GOLD works with Virtual Controller 1, 2 and Virtual 3D software. This interface controls 2x512 DMX channels through the computer or 512 DMX channels in Stand Alone mode. The Stand Alone mode is easy to use and versatile : program and load your scenes in the internal memory of the interface, power with an external 9-12Volt DC power source and select your scene using the buttons and it sends the DMX signals that you have pre-programmed to your lighting fixtures. The new Build In CLOCK function is simply wonderful : you can trigger a scene when you want, tomorrow at 10 pm, next week, once a year, repeat the scene every hour, play it only 30 minutes, add a few minutes of show every day. Windows compatible

DASHLIGHT Virtual Controller Standard

An easy to use and effective DMX512 controller. 512 DMX OUT and 512 DMX IN with 3 Pin XLR
Plug and play USB 2.0 interface. Power taken via the USB interface.
HE10 connector: Trigger scenes and effects through direct simple contacts closures (allows up to 255 triggering actions)
Compatible with any type of DMX 512 fixtures (lights and consoles)
2 year guarantee DVC2 512 works with Virtual Controller 1, 2 and Virtual 3D software.
This interface controls 512 DMX channels and must be connected to a PC. Windows compatible

DASHLIGHT Virtual Controller Basic

A cheap and easy to use controller. 128 DMX OUT (512 DMX OUT available with the programming kit)
Plug and play USB 2.0 interface with power via USB interfaces
Compatible with any type of DMX 512 fixtures (lights and consoles)
1 year guarantee, Windows compatible
DVC 100 BASIC works with Virtual Controller 1 software but is restricted to a max of 128 channels. This interface must be connected to a PC. You can use the Delphi, Visual Basic and Visual C++ sample codes from the programming kit to create your own DMX software applications and use the 512 DMX channels.

Wireless Controllers

Wi DMX Easy Transmitter

Wireless DMX 512 transmitter. This unit will transmit DMX data for one mile open air. Can handle 512 DMX channels, number of Wi-D PEN's: unlimited. 3 or 5 pin XLR connector available



Wi DMX Easy Pen Receiver

This unit will receive DMX data from Wi DMX Easy Transmitter up to one mile open air. Can handle 512 DMX channels. 3 or 5 pin XLR connector available



Wi DMX Transceiver

Can be used with any DMX controller. This unit can send and receive wireless DMX signals. It can also be used as a signal booster when used in tandem. Longest throw distance is 10km when used in tandem.

Wi DMX Transceiver is a multifunction, dual-channel, wireless station: it is mainly used as a dual-channel Wi-DMX transmitter. This function allows sending a DMX universe over two independent radio channels (marked as red and green). The operator can select the two ranges of DMX channels to be sent over the red and the green radio channels. There are ten available settings for both the red and the green radio channel, allowing up to ten DMX universes to be transmitted in the same local area;

The second mode of the operation is dual-channel receiver: the two DMX channels ranges sent over red and green radio frequencies are received and mixed to obtain the original DMX signal.

This mode is used when a point-to-point wireless link is required;

Finally we have the extender mode, intended for increasing the distance between the first transmitting station and the farthest receiver. In this case, the receiver must be paired to the extender and not to the first transmitter.



DEL-SC1216 192 Channel DMX Control Panel

Programmable controller for 12 illuminators/projectors with 16 dmx channels each.

Technical Specifications

Pan and Tilt assignment

192 output channels, 30 programmable sequences with 8 scenes each

6 chase programmable

Audio input via built-in microphone or line, MIDI interface, Internal memory

DMX output via 3 pin XLR

DC 9-12V 300mA power supply included.

Weight: 4.83 lb.



SRC-144 54 Channel DMX Control Panel

This is a DMX control panel that offers 54 channels. It will handle up to 10 illuminators, providing you complete control over your system.

DMX cable -3', 10', 15', 20', 25', 50', 100', 150'

Link one or more DMX controlled illuminators to your DMX controller. 3-pin XLR (M) to XLR (F) DMX/Microphone cable

3' = \$7.49

10' = \$9.49

15' = \$11.49

20' = \$13.49

25' = \$15.49

50' = \$23.99

100' = \$39.99

150' = \$59.99

Dusk to Dawn Light Sensor

\$20.00 Retrofit programmable 1-8 Hr. Dusk to Dawn light sensor.

Outdoor 24 Hour Programmable Timer

\$25.00 Heavy duty digital outdoor timer



Fiber Optic Cable

Del Lighting offers several different types of fiber optic cable made from pMMA (polymethyl methacrylate) “acrylic” fiber. We don’t offer glass fiber because its so hard to work with; it doesn’t bend well and is hard to prepare a harness. Most of our cable is made up of various amounts of 0.75mm (0.03”) cable. For instance, our E-S50 cable has 50 of the 0.75mm fiber optic cables inside a black PVC jacket. Solid core cable is also made up of pMMA acrylic but it has different characteristics. It is somewhat like a plastic jello inside of a harder plastic tube. It is much harder to bend than the stranded cable and, while it is brighter in cross section, you lose light output because less cables can go into a harness. For example, the X20-75 illuminator can handle 15 runs of the E-S50 cable, but only 12 of the SCE-6 solid core cable.

Side Emitting Stranded Cable (UV protected)

- S-S25 25 Strand (For pool installation only)
 - S-S30 30 Strand 3/8 diameter
 - S-SO40 40 Strand 1/4x5/8 Oval with sparkle effect
 - S-SO75 75 Strand 1/4x5/8 Oval
 - S-S75 75 Strand 1/2” diameter Round
 - S-SB84 Braided* 84 Strand 12.6 mm
 - S-SB126 Braided* 126 Strand 15.8 mm
 - S-SBC126 Braided* 126 Strand Crystal Coat
- *Braided cable is the brightest, strongest fiber optic cable on the market today.

Solid Core Cable

- SCE-6 (8.6mm-1/3”) End Emitting - 30m Roll
- SCS-6UV (8.6mm) Side Emitting with UV Jacket
- SCE-10 (13mm-1/2”) End Emitting - 30m Roll
- SCS-10UV (13mm) Side Emitting with UV Jacket
- SCE-11 (14 mm) End Emitting - 30m Roll
- SCS-11UV(14mm) Side Emitting UV Protected Jacket
- SCE-14 (17.3mm) End Emitting
- SCS-14UV (17.3mm) Side Emitting UV Jacket

End Emitting Stranded Cable

- E-S7 7 Strand 3.8 mm diameter
- E-S14 14 Strand 5.2mm diameter
- E-S25 25 Strand 7 mm
- StarPac 48 Cable (34-0.75mm,10-1mm, 4-1.5mm)
- E-S50 50 Strand 9.4 mm
- E-S75 75 Strand 10.5 mm
- E-S100 100 Strand 12mm
- E-S126 126 Strand 13 mm
- E-S150 150 Strand 15mm diameter
- E-S225 225 Strand 15.5mm diameter
- E-S300 300 Strand 16mm diameter

Solid core explained ~
SCE-3 (5mm) means: Solid Core, End Emitting 3mm active light diameter and 5mm outside diameter. If the “E” is replaced with an “S” that means Side Emitting cable
This code is used on all solid core cable.

Most cable is available in 500 foot lengths. Please call for availability.



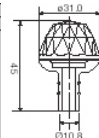


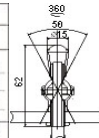


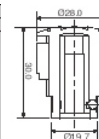


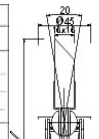
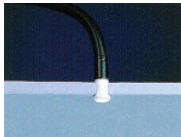

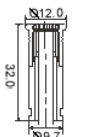


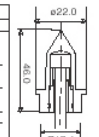


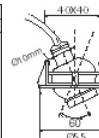


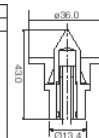


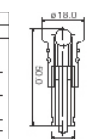

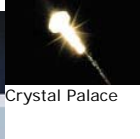
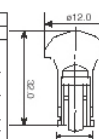


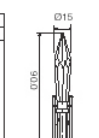

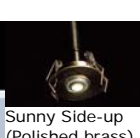



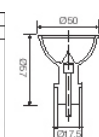

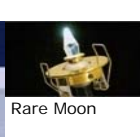



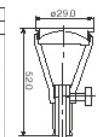
All pricing is subject to change without notice.

Please call for availability on fiber optic cable. Not all cables or lengths are available 100% of the time.



End Piece Fixtures

These fixtures are designed to work best with SCE-6 solid core or E-S50 stranded cable

		<table border="1"> <thead> <tr> <th>R-150</th> <th>OFE-60</th> <th>2M</th> </tr> </thead> <tbody> <tr> <td colspan="3">VBA-2X8.5" (FO-002)</td> </tr> <tr> <td>0.5</td> <td>0.15</td> <td>750</td> </tr> <tr> <td>1.0</td> <td>0.3</td> <td>200</td> </tr> <tr> <td>1.5</td> <td>0.45</td> <td>100</td> </tr> <tr> <td>h (m)</td> <td>d (M)</td> <td>E_{max} (lux)</td> </tr> </tbody> </table> 	R-150	OFE-60	2M	VBA-2X8.5" (FO-002)			0.5	0.15	750	1.0	0.3	200	1.5	0.45	100	h (m)	d (M)	E _{max} (lux)			<table border="1"> <thead> <tr> <th>R-150</th> <th>OFE-60</th> <th>2M</th> </tr> </thead> <tbody> <tr> <td colspan="3">VBA-2X14" (FO-026)</td> </tr> <tr> <td>1.03</td> <td>1.0</td> <td>660</td> </tr> <tr> <td>2.06</td> <td>2.0</td> <td>165</td> </tr> <tr> <td>5.15</td> <td>5.0</td> <td>68</td> </tr> <tr> <td>h (m)</td> <td>d (m)</td> <td>E_{max} (lux)</td> </tr> </tbody> </table> 	R-150	OFE-60	2M	VBA-2X14" (FO-026)			1.03	1.0	660	2.06	2.0	165	5.15	5.0	68	h (m)	d (m)	E _{max} (lux)
R-150	OFE-60	2M																																							
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R-150	OFE-60	2M																																							
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R-150	OFE-60	2M																																							
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R-150	OFE-60	2M																																							
VBA-2X4.0" (FO-010)																																									
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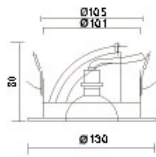


Ceiling Light Fixtures

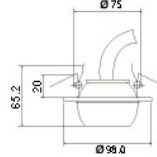
Unless noted otherwise, our ceiling fixtures normally handle SCE-6 or E-S50 cable. However, some can handle larger cable.



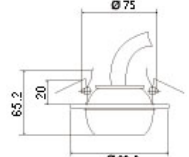
DLCL-4
This fixture swivels



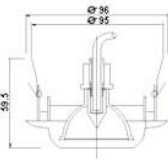
DLCL-5
This fixture swivels



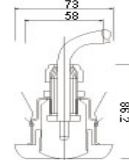
DLCL-6
This fixture swivels



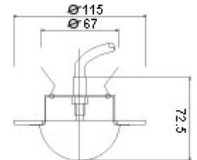
DLCL-7
This fixture swivels



DLCL-8
This fixture will handle up to 150 strands of cable. Comes w/compression fitting



DLCL-12
Glass globe with mirror base



DLCL-16



NEW! Our [LED MR16](#) replacement lamps can be retro-fitted into the ceiling lights! Please call for details.



Landscape Fixtures

Paver Lights



GL100



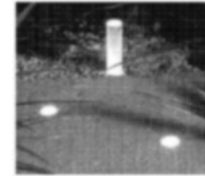
GL105



GL110



FL405
Feature Light
75 Strand Capacity



Lightstick -Path lights for
concrete applications



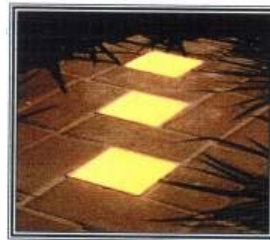
SL200 Flood
Landscape Fixture
Flexible accent light
with glass lens.
75 strand capacity



SL205 Spotlight
Flexible spotlight with
glass lens.
225 strand capacity

Paver Lights

Paver lights add an elegant touch to any landscape lighting plan. They can be used in pave design, concrete walkways, decks or to illuminate walls. These pavers can be added to an existing fiber optic lighting system with available capacity. Pavers accept 25 strand fiber optic cable each. The paver is constructed of a poly carbonate top and ABS base.



Please call for availability. Pricing is subject to change without notice.



Fiber Optic Pools and Spas

There are many applications for fiber optic lighting around - or even in - your pool or spa.



Side emitting cable highlighting the side of a pool.



The laminar effect. A glasslike rod of water.



A fiberfall



LED Replacement Lamp

Spa/Hot Tub Fiber Optic Lighting Kits

These kits are an easy add-on to any spa. The fiber “frames” the spa just below the cabinets top rail. The light source is hung from the cabinet and plugged into a 110V GFCI outlet. The beauty of fiber optics is always visible, even with the cover on.

FEATURES

- 75 watt, 5 color illuminator (4,000 hour lamp)
- On/Off power & color wheel control
- Simple DIY installation.
- Will fit spas up to 8 feet square

<u>Standard Kits</u>		<u>Deluxe Kits</u>	
Model	Description	Model	Description
PLKSPA-S	35 feet of 25 strand fiber optic cable Attaches to the cabinet via a white track	PLKSPA-D	35 feet of 40 strand fiber optic cable Attaches to the cabinet via a white track

Deck/Dock/House Fiber Optic Lighting Kits

These prepackaged kits can beautify any deck, patio or even a boat dock. The fiber optic light cable is an excellent alternative to rope or holiday lighting to outline a home. With no heat, electricity or bulbs to burn out, it can be a safe, beautiful addition.

FEATURES

- 75 watt, 5 color illuminator (4,000 hour lamp)
- On/Off power & color wheel control
- Simple DIY installation.
- Will fit spas up to 8 feet square

<u>Standard Kits</u>		<u>Deluxe Kits</u>	
Model	Description	Model	Description
Includes 20 strand fiber optic cable attached to the surface via a 1” tail on the cable. The tail is stapled, screwed or nailed to the surface.		Includes 40 strand fiber optic cable attached to the surface via a white track. Deluxe kits are approximately 50% brighter than standard kits.	
PLK50	50’ of fiber optic cable	PLK50D	50’ of fiber optic cable
PLK75	75’ of fiber optic cable	PLK75D	75’ of fiber optic cable
LK100	100’ of fiber optic cable	PLK100D	100’ of fiber optic cable
PLK125	125’ of fiber optic cable	PLK125D	125’ of fiber optic cable
PLK150	150’ of fiber optic cable	PLK150D	150’ of fiber optic cable
PLK200	200’ of fiber optic cable	PLK200D	200’ of fiber optic cable

Pool Fiber End Light Kits

Each fixture consists of our unique convex glass lens, O-ring, compression fitting, center device and either a vinyl liner housing or non-vinyl liner housing. The more fibers in the fixture, the brighter the results. The finished color of the pool is also very important, white is best, black is worst. Always allow an extra 18" for installation into the light box. Also the shorter the run and the more fixtures the brighter the end result. Please specify if your pool is vinyl, gunite or fiberglass.

<u>MODEL</u>	<u>DESCRIPTION</u>
ELK75-8	8ft of 75 strand cable comes w/lens & housing
ELK75-10	10ft of 75 strand cable comes w/lens & housing
ELK75-12	12ft of 75 strand cable comes w/lens & housing
ELK150-8	8ft of 150 strand cable comes w/lens & housing
ELK150-10	10ft of 150 strand cable comes w/lens & housing
ELK150-12	12ft of 150 strand cable comes w/lens & housing
ELK150-14	14ft of 150 strand cable comes w/lens & housing
ELK225-8	8ft of 225 strand cable comes w/lens & housing
ELK225-10	10ft of 225 strand cable comes w/lens & housing
ELK225-12	12ft of 225 strand cable comes w/lens & housing
ELK225-14	14ft of 225 strand cable comes w/lens & housing
ELK225-16	16ft of 225 strand cable comes w/lens & housing
ELK300-8	8ft of 300 strand cable comes w/lens & housing
ELK300-10	10ft of 300 strand cable comes w/lens & housing
ELK300-12	12ft of 300 strand cable comes w/lens & housing
ELK300-14	14ft of 300 strand cable comes w/lens & housing
ELK300-16	16ft of 300 strand cable comes w/lens & housing
ELK300-18	18ft of 300 strand cable comes w/lens & housing
ELK300-20	20ft of 300 strand cable comes w/lens & housing

Deluxe Inground Pool Fiber Optic Lighting Kits

These kits include 40 strand fiber optic cable attached to the pool via a PVC (liner lock) track. The track is snapped into the pool coping over the liner bead. A flexible, white rubber track is also supplied for installation onto a walk-in step. The rubber track is attached to the step via a specially formulated two-sided tape. Each kit includes a 6 ft over-the-deck track to protect the cable. The kit has sufficient cable to install the illuminator approximately 10 feet from the pool.

All kits are available for non-vinyl pools such as gunite and fiberglass. Just designate the order Non-Vinyl (NV). Instead of the PVC track, a flexible, rubber track is supplied. The track is attached to the pool wall above the tile line via a specially formulated two-sided tape. A bead of silicone must then be applied to the top and bottom of the track (silicone not supplied).

- Features**
- 75 watt, 5 color illuminator
 - On/off power & color wheel control
 - Simple D.I.Y. installation
 - Custom kits available upon request on all kits

<u>MODEL</u>	<u>DESCRIPTION</u>
PLK12-24VD	100' cable kit for vinyl pools up to 80 ft in circumference
PLK14-28VD	110' cable kit for vinyl pools up to 90 ft in circumference
PLK16-32VD	125' cable kit for vinyl pools up to 105 ft in circumference
PLK18-36VD	135' cable kit for vinyl pools up to 115ft in circumference
PLK20-40VD	150' cable kit for vinyl pools up to 130 ft in circumference
PLK12-24F/G	100' cable kit for fiberglass or gunite pools up to 80 ft in circumference
PLK14-28F/G	110' cable kit for fiberglass or gunite pools up to 90 ft in circumference
PLK16-32F/G	125' cable kit for fiberglass or gunite pools up to 105 ft in circumference
PLK18-36F/G	135' cable kit for fiberglass or gunite pools up to 115ft in circumference
PLK20-40F/G	150' cable kit for fiberglass or gunite pools up to 130 ft in circumference

LED Replacement Lamps for Pool or Spa

LED replacement lamps for your pool and spa can change colors by turning power on and off. They cycle through 10 different color modes. The inground pool and spa lamps have an Edison base and just screw into your existing halogen housing.

Color Modes

7 static colors: White, Lime, Blue, Orange, Green, Hot Pink and Cyan 3 color modes: Smooth color transition, blue/green fade and Party Mode



Inground Pool LED Replacement Lamp

230 LEDs
120v & 12v, Edison base, 40w max 6.7" across, 5.9" deep



Spa LED Replacement Lamp

54 LEDs
120v & 12v, Edison base, 20w max
3.0" across, 3.3" deep



Portable Spa 12v LED Replacement Lamp

24 LEDs
12v, Bi-post wedge socket, 10w max
2" across, 1.49" deep



Fiber Optic Waterfalls (Fiberfall)

Features include: 6" or 9" straight, concave or convex extended ledge*
 3/16" waterflow opening holes spaced 1" (water drops 1/16" for raindrops effects).
 Forming template for easy installation.
 Leveling device to insure a level water fall.
 Available in white, gray or black with 15', 25' or 40' tails.
 *Concave & convex are special order and will cost more than the pricing below.
 *Please have radius ready when you order.

Free Flow Models

<u>MODEL #</u>	<u>DESCRIPTION</u>	<u># of slip inlets and Size</u>
WF6012L	12" Free flow	1-1"
WF6018L	18" Free flow	1-1/1/2"
WF6024L	24" Free flow	1-1 1/2"
WF6036L	36" Free flow	1-1 1/2"
WF6048L	48" Free flow	2-1/1/2"

Water Drop Models

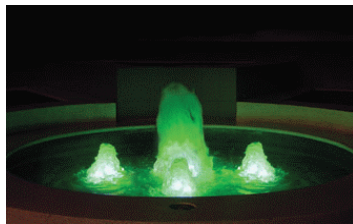
<u>MODEL#</u>	<u>DESCRIPTION</u>	<u># of slip inlets and Size</u>
WF6012LD	12" Waterdrops	1-1"
WF6018LD	18" Waterdrops	1-1/1/2"
WF6024LD	24" Waterdrops	1-1 1/2"
WF6036LD	36" Waterdrops	1-1 1/2"
WF6048LD	48" Waterdrops	2-1/1/2"

Water Crystal Water Effects

The WaterCrystal collection of water effects is designed for new or renovated residential pools or spas. With WaterCrystal, you can add beautiful water effects to finish off decks, shallows, walls and raised pool areas. Constructed of the highest quality materials, WaterCrystal products add professional looking fountain effects to backyard pool and spa environments. This creates more fun for swimmers, more eye catching appeal for the yard or garden, and spectacular nighttime effects.



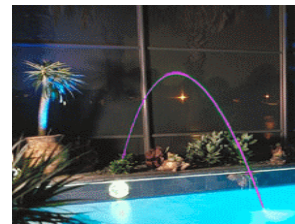
Foam effects produce a mound of frothy, aerated water that provides substantial visual sound impact in shallow areas. For evening enjoyment, consider the illuminated Foam Jet. Fiber optics connected to a 150-watt illuminator create a luminous glow.



Illuminated Foam Jet WMO110
 Constructed of machine cast bronze, copper lexan and stainless steel
 Please call for details



The laminar effect is a high tech illusion. The water is so well controlled it creates a continuous glasslike rod of water that hits the water virtually sound and splash free. When fiber optics are added and connected to a 150-watt illuminator, it produces breathtaking evening light shows as the light changes through a band of brilliant colors.



Laminar WMV107
 Constructed of high density polyethylene, PVC and stainless steel. Holds up to 150 strands.
 Please call for details



Parts & Accessories



Underwater convex glass lens fixture for vinyl pools. 300 strand capacity

FTCGLENS-V



Underwater convex glass lens fixture for fiberglass pools, gunite pools, spas or fountains. 300 strand capacity

FTCGLENS-F/G



Threaded hex style pinpoint spa lens. Accepts up to 30 individual fibers

Fiberlite 1-30



A white, two-piece PVC track that attaches to the inside bottom lip of the above ground pool top rail. Accepts 30 strand fiber. Pack = 4 feet.

Track-A/G



Track30-Tail

A white, one-piece PVC track that comes with a tail. Tail can be snapped into any recess. Ideal for retrofitting an inground vinyl pool. Accepts 30 strand cable. Pack = 4'



Track40-Tail

A white, one-piece PVC track that comes with a tail. Tail can be snapped into any recess. Ideal for retrofitting an inground vinyl pool. Accepts 40 or 75 strand oval cable. Pack = 4'



Track 30

A similar profile as Track30-Tail but without the tail. Ideal for decks. This track is ideal for new concrete & fiberglass pool construction.



Track 75/85

Clear, front and side viewing PVC accommodates 75, 84 and 126 strand cable.



FLEX30

Flexible white rubber track. Accepts 30 strand cable. Ideal for gunite, fiberglass pools or any curved surface,



FLEX40

Flexible white rubber track. Accepts 40 & 75 strand cable. Ideal for gunite, fiberglass pools or any curved surface,



MC-L

Large clear mounting clips. Accepts 40 & 75 strand cable.



MC-S

Small clear mounting clips. Accepts 30 strand cable



R1503

Retrofit programmable 1-9 hour dusk to dawn timer

DBLT

A white two-piece flexible PVC belt used to protect cable over an exposed surface such as a pool deck. The cable is hidden and protected. Pack = 6 feet.

Dusk to Dawn Light Sensor

Retrofit programmable 1-8 Hr. Dusk to Dawn light sensor.

Outdoor 24 Hour Programmable Timer

Heavy duty digital outdoor timer

All pricing is subject to change without notice.



Fiber Optic Curtains



RGB LED Stardrop Curtains



Please take time to visit one of our projects. There is over 4,000 sq feet of fiber optic star curtains and 14 DEL150-8 M/S/R illuminators used for the Gaylord Texans' show Ice!



Here are some pictures from a current project, five curtains totaling 1,024 sq. ft with three logos that can appear on cue for Tops in Blue!



Fiber optic curtains are used for stage performances, churches or anywhere a dramatic background or ceiling is called for. We can produce the curtain to whatever color scheme you want, including a company logo or graphic of your choice. Turnaround time is as little as two weeks. Rentals available - please call for curtain sizes.

We can also do custom lettering or logos - any size or shape and they can be made to change color whenever you wish. The picture to the right shows the 1,248 sq.ft. curtain we did for the Rivercentre/Roy Wilkins Auditorium in St. Paul, MN. It uses eight Del 150-8 units fitted with DMX and all independently controlled by computer using the Dashlight virtual controller.



The curtain has two layers of heavy duty, fire retardant cloth. The facing is a 16 oz black Commando cloth with the lining made of 12 oz black Ranger cloth. Velour and other custom cloths are available. Fibers enter the cloth in gathered bundles and then are distributed in individual random or designed order over the entire curtain.

Customer specifications will determine how many bundles (circuits) and illuminators are attached to each individual curtain. The circuits are the number of fixtures used to illuminate a single zone or curtain. Multiple circuits allow the mixing of colors in a curtain. For realistic twinkle effects, we have three illuminators that will do a wonderful job. For small venues, home theaters and other small areas where ambient lighting is low to medium, the X20-75 fitted with a twinkle wheel works well. For medium sized venues we suggest the DEL250QH-TW (twinkle wheel option). For large venues where the project really needs to "pop", we have the DEL150-8 DMX M/S/T. This unit is DMX512 controlled for a really remarkable curtain that can change colors while twinkling!

Technical Specifications

- Weight: approximately 0.22 lbs per sq. foot/1.1 kg per sq. meter
- PMMA polymer fiber / standard size 0.75mm
- Fiber tail (Umbilical Cord): Vinyl reinforced protective tubing with 1.25"x 6" aluminum bushing
- Fiber tail (Umbilical Cord) length: 7 foot/213cm average
- Fiber tail (Umbilical Cord) location: any
- Grommets on 1 foot/30 cm centers across top of the curtain
- Laces/ties length: 40 inches/100 cm (one per grommet)
- Suspended inner pocket with loop to tie chain.
- Double stitched/double glued for strain relief
- Bordering: Jute Webbing 3 1/2" x 1/8" 9cm x 4.5mm
- Fire Retardant: Small scale certified-rule 6.1 NYC Board of Appeals, Section C19 of the NYC administrative code, and NYC Fire Dept. Directive 1-78, State of CA-Title 19). Inherently flame resistant/durable flame retardant process available.

Fiber Density

- 1 circuit 2.33 fibers per sq. foot/25 fibers per square meter (Product code K1530)
 - 2 circuits 2.79 fibers per sq. foot/30 fibers per square meter (Product code K1532)
 - 3 circuits 3.75 fibers per sq. foot/40 fibers per square meter (Product code K1533)
- Custom configurations available

