

The ONYX™ is a MR16 LED Striplight

Designed for performance, adaptability and convenience.

Brace yourself for a whole new world of vibrant color, dramatic effects, convenience and control.

With a design incorporating qualities any application can appreciate, we present to you a light-weight, compact, customizable striplight to serve countless demands.

Already cool-running and versatile, LED technology continues to improve and provide an efficient source of light, ready to be worked into your theatrical or architectural applications. With millions of colors at your control, any designer will find comfort in the abilities of LEDs and the ONYX™ LED striplight.



Features:

- 100,000 hour lamp life
- 24 degree beam spread
- Individually addressable lamps
- Infinite color mixing
- Energy efficient - cool and quiet operation
- Low profile and light weight aluminum design
- On board power supply and power data module
- No modifications to use in both 120V and 240V environments
- DMX512 data controls with in and out data ports
- Unique indexing lamp holders available
- Supplied with lamps, lenses and mounting options (trunnion and yoke - 3 lamp units only) with hardware.
- Custom lengths and lamp configurations available

ONYX™ Ordering Information

Description

ONYX™ LED STRIPLIGHT- 3 LAMP FIXED

ONYX™ LED STRIPLIGHT- 3 LAMP INDEXING

ONYX™ LED STRIPLIGHT- 6 LAMP FIXED

ONYX™ LED STRIPLIGHT- 6 LAMP INDEXING

ONYX™ LED STRIPLIGHT- 12 LAMP FIXED

ONYX™ LED STRIPLIGHT- 12 LAMP INDEXING

Model

6530-3F

6530-3I

6530-6F

6530-6I

6530-12F

6530-12I

Accessories:

Color Kinetics Zapi

Color Kinetics Smart Jack 3

Yoke (Three lamp ONYX™ only)

PipeDream™ pipe clamps

Get-A-Grip™ pipe clamps

Trunnion (pair)

Diffusion lenses



Color Kinetics
Zapi



Color Kinetics
Smart Jack 3

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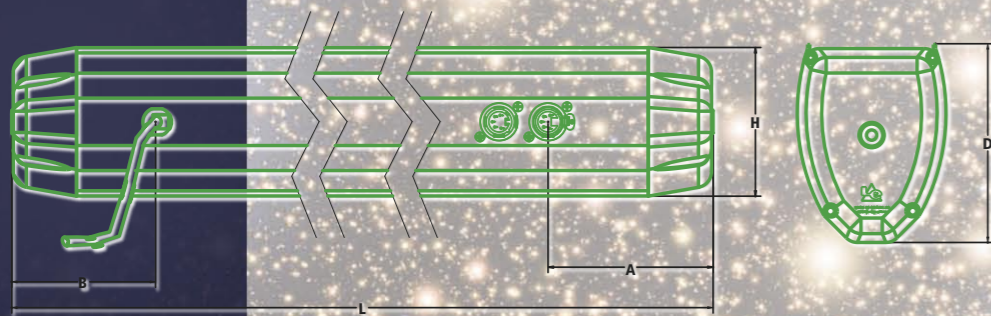
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ONYX™

Brace yourself
for a whole new world.



Dimensional Information

	Cat # 6530-3F/I	Cat # 6530-6F/I	Cat # 6530-12F/I
Height (H)	3.70"	3.70"	3.70"
Depth (D)	4.90"	4.90"	4.90"
Length (L)	17.25"	31.44"	59.81"
DMX to end (A)	7.22"	7.22"	11.47"
Power to end (B)	2.38"	2.38"	2.38"
Weight	5.45 Lbs.	7.90 Lbs.	12.75 Lbs.

The **ONYX™** is available in 3 light, 6 light and 12 light configurations. The fixture features an on board power supply and power data module along with 5 pin XLR in and out data ports. In addition, each fixture is supplied with lamps, clear and defused lenses, trunnion, mounting hardware, pipe clamps and yoke.

Specification:

The luminaire shall be a UL/C-UL Listed LED striplight with rim mount lamp holders to accept 24-volt MR-16 LED lamps of 5 watts max. each. The unit shall be wired with one parallel circuit of 24 volts. The center distance between lamps shall be 4.74 inches. The fixture shall be constructed from an extruded aluminum housing, die-cast aluminum end caps and internal components fabricated from aluminum sheetmetal. The cross-sectional dimension of height and depth shall not exceed 3-3/4" x 5" respectively.

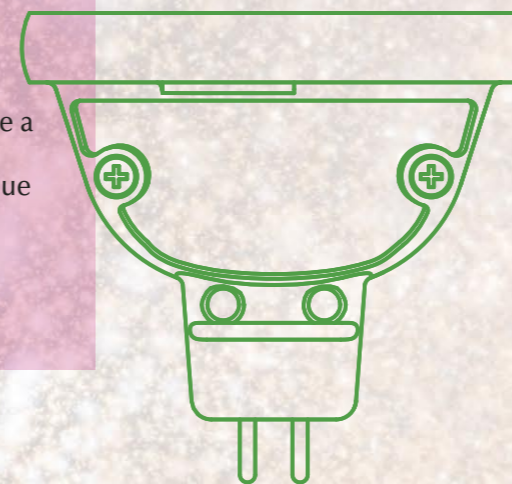
Relamping shall be accomplished from the front of the fixture by releasing the latches on the back of the cover, tilting the cover forward and pulling the lamp(s) straight out from the porcelain lamp holder. No tools shall be required for relamping and the prefocused lamp alignment will not be disturbed.

The luminaire shall be supplied with iColor MR g2 lamps mounted in either a fixed or indexing configuration, power cord with molded edison plug, 5 pin M/F XLR, clear and diffused lenses, two aluminum single mount trunnion for overhead or floor use, aluminum yoke (3 lamp units only) and mounting hardware.

The unit shall be supplied with a black & gray powder coat exterior.

Every **ONYX™** LED Striplight is equipped with the Color Kinetics' iCOLOR MR g2 lamps. These lamps generate a countless number of saturated colors and color changing effects. All of this while providing extremely long lamp life and cool operating temperatures.

In addition, the **ONYX™** allows for each lamp to have a unique DMX address. Each lamp can be given a unique address or can be configured in groups using the same address.



The **ONYX™** LED striplight is a lightweight, compact and customizable MR16 LED striplight designed for washing large areas with a full range of rich, saturated colors and color changing effects. **ONYX™** is ideally suited for cyclorama, special effect or color wash applications in theatres, TV studios, concert, industrial events and display lighting along with architectural applications.

ONYX™ Options:

Two versions of the **ONYX™** LED Striplight are available.

First, the fixed lamp holders are mounted rigidly on the lamp cover. No positioning adjustments to individual lamps are intended to be made.

In the unique indexing version of the **ONYX™**, the lamp holders can be rotated independently along the horizontal plane of the fixture. To rotate a lamp, simply reach into the openings in the cover and grasp the sides of the lamp holder. The lamp holder can be rotated in 10 degree increments to a total of 40 degrees to either side of center.



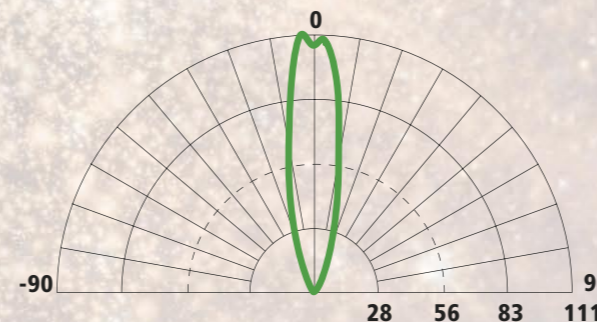
Source Specifications

- Optics:** Metallized polycarbonate reflectors
- Lens:** Tempered clear glass lens
- Source:** 10 LEDs (4 red, 3 green, 3 blue)
- Beam Angle:** 24° (at 50% of peak illuminance)
- Distribution:** Symmetric direct illumination
- CCT:** Adjustable 1,000-10,000K
- CRI:** Not measurable (CIE 13.3-1995)

Illuminance Distribution

0.3	1.3	1.4	2.3	1.3	0.3	
3.2	14.0	15.1	24.8	14.0	3.2	1.5'/0.5m
1.3	3.2	5.2	5.2	3.2	1.3	
14.0	34.4	56.0	56.0	34.4	14.0	
2.3	5.2	9.1	8.1	5.3	2.3	
24.8	56.0	98.0	87.2	57.0	24.8	0'/0m
1.4	5.3	8.2	9.1	5.3	1.4	
15.1	57.0	88.3	98.0	57.0	15.1	
1.3	3.3	5.4	5.4	3.3	1.3	
14.0	35.5	58.1	58.1	35.5	14.0	
0.3	1.3	1.4	2.4	1.3	0.3	
3.2	14.0	15.1	25.8	14.0	3.2	1.5'/0.5m

Candle Power Distribution

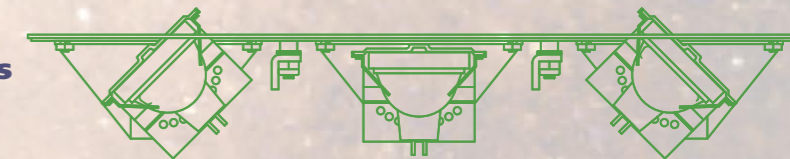


- Measured on:** White
- Beam center:** 111 cd
- Multipliers:** 0.34 Red, 0.47 Green, 0.21 Blue
- Dashed line:** Indicates 50% of peak

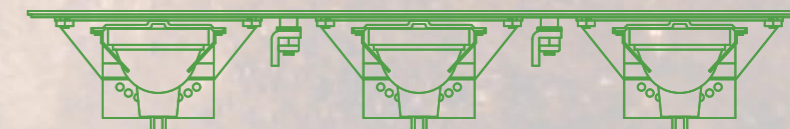
Illuminance Distribution Parameters

- Units:** Footcandles (top)/Lux (bottom) 10.8 lux = 1 fc
- Location:** Bottom of grid, 1'/0.3m from surface, light at perpendicular to surface
- Measured on:** All, reflectance model 50%

Indexing Lamps



Fixed Lamps



Illuminance

DISTANCE	1' 0.3m	2' 0.6m	3' 1.0m	4' 1.2m
WHITE	107.0 1151.7	26.6 286.3	1.8 127.0	6.6 71.0
RED	36.4 391.6	9.0 97.3	4.0 43.2	2.2 24.2
GREEN	49.8 585.6	12.4 133.1	5.5 59.1	3.1 33.0
BLUE	22.4 240.7	5.6 59.8	2.5 26.5	1.4 14.8

Measured in: Footcandles (top)/Lux (bottom) on axis.
Measured on: All, reflectance 0%

Light Output

	Total Output (lumens)	Power (Watts)	Efficacy (lm/W)
WHITE	28	4.0	7.0
RED	9.5	1.3	7.3
GREEN	13.0	1.3	10.0
BLUE	5.9	1.3	4.5

Photometric data is based on test results from an independent testing lab.