

# ARTICULIGHT

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## LED SERIES

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### PATH-SHOW™

#### Rectangular In-Ground LED RGB Color Changer



Aptly named, the newly developed PATH-SHOW™ is a rectangular in-ground LED RGB color changer designed specifically for the Beijing Olympics in 2008 <http://articulight.com/acc/city02/beijing/index.html> now available for commercial specifications by architects, designers, engineers and specifiers.

The PATH-SHOW™ bar is of super flux and high luminance color changer for recessed use in pedestrian areas. It incorporate state-of-the-art electronic color mixing and high reliability, meaning powerful and real color rendering and minimal maintenance. The additional benefits are durability, low power consumption, cool running and a quick light source response time.

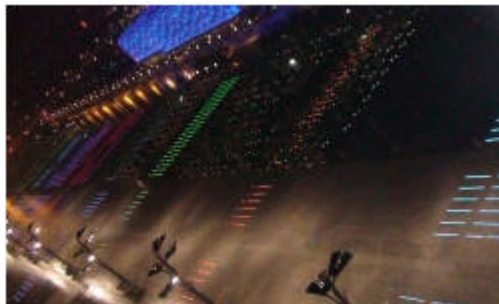
Superb output with real uniform color coverage even on close-up installations is provided by the newly conceived optics that can now capture a greater fraction of light with a higher transmission efficiency. PATH-SHOW™ can be installed in-ground outdoor in pedestrian areas, featuring an IP67 weather protection <http://articulight.com/acc/IPRatings.html> along with a compact size and a light weight manageability. Moreover, a truly comfortable set up is guaranteed by the total absence of external power supply box requirement. Video control system enables the creation of many effects.

Designed as a linear fixture for ease of application, the PATH-SHOW™, radiates like a dazzling stick of jewels bringing sparkle into the night sky. With PATH-SHOW™ set up, every surface can be transformed into a long light show that will delight people. When the lights change, for instance, to red and green for Christmas season or red, white and blue for American national holidays and for other special events and occasions, people will be dazzled. The PATH-SHOW™, can transform any surface into a recognizable icon and a beloved landmark. It will help market the area and can be shown beautifully in magazines and on television. Custom light shows can be designed and programmed via any industry standard DMX controller.

Drivers, visitors and observers from near and far will be enchanted by the PATH-SHOW™. It will become a focal point for interesting and interactive events, displays, gatherings, and promotions. The versatile PATH-SHOW™, "dresses" the architecture of the surface in the colors of the season, holiday, or occasion-- custom tailoring it over and over again! It's a good idea to refer to the Empire State Building web site for inspiration and ideas.

[http://www.esbnyc.com/tourism/tourism\\_lightingschedule.cfm](http://www.esbnyc.com/tourism/tourism_lightingschedule.cfm).

Companies the world over are realizing the promotional benefits of exterior lighting. Architectural lighting helps create dreamlike atmosphere through an ever changing flow of light and color. Multiple fixtures may be linked together and synchronized for truly unique effects. Just imagine the possibilities. From the modern architect who creates designs and specifications for new and exciting buildings to a hotel concerned with drawing more attention to their building; from an amusement park specifying more interesting lighting for their attractions, to organizers concerned with adding that special touch to a special event - whether a company illuminates a subtle company logo or projects a total wash across the front of a building - outdoor color changing projectors will soon be everywhere. And with the quality of the PATH-SHOW™ to literally and figuratively lead the way.

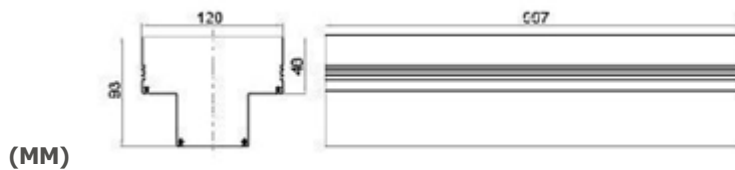


#### **FEATURES AND BENEFITS**

- No moving parts, all is Solid State Lighting
- Innovative RGB color mixing system and excellent color display
- Soft smooth and even beam

- Low power consumption
- No heat radiation, long life, good stability and high security
- No infrared (IR) and ultraviolet (UV) rays
- Energy consuming will reduce 80% to compare with the incandescence light in the same light effect
- Elegant and functional design
- Good anti-impact with surface oxidation disposal
- Video control
- Many special effects lighting
- Does not require repeated light bulb and ballast changes and they last for an incredible 100,000 hours, which is 6 to 7 times longer than other light sources.
- Cost-effectiveness on cost of fixture, bulb replacement and scheduled maintenance.
- Superior lighting efficiency
- Superb luminous distribution
- Advance physical characteristics
- Durability and resistance to corrosion
- Lightweight and compact
- Simple installation and convenient modulation
- Ensures years of unsurpassed service, lighting uniformity, visual comfort and lighting security—all in a highly reliable system.
- Creates an evenly diffused light beam, ideal for illuminating large areas, and are able to be controlled precisely in all of their main characteristics: luminous intensity and RGB color mixing.

#### DIMENSIONS



#### TECHNICAL SPECIFICATIONS

##### SOURCE

144 high brightness RGB LED SMD  
 Continuously variable light intensity  
 1-100% electronic dimming facility  
 No UV / no infrared  
 Virtually instant light production  
 Strobe facility

##### SOURCE LIFE

The LED light sources used have an exceptionally long life: predicted 100,000 hours under normal operating conditions.

##### OPTICS

120° beam angle

##### COLOR VARIETY

RGB additive color mixing for countless attractive saturated colors  
 Over 16,700,000 color hues  
 Pre-set selectable color sequences and blends for stand-alone use

##### CONTROL OPERATION

VIDEO Control system can control up to 100 meters of PATH-SHOW.

**ELECTRICAL SPECIFICATIONS**

Standard 100-240V ac 18w per meter power consumption

3 pin power connector

Waterproof 8 pin signal connector

Meets CE safety standards

**HOUSING**

IP67 aluminum alloy body

Temperature toughened glass cover or white opal polycarbonate cover

45KJ/M2 pressure endurance

8 degree seismic endurance

Easy mounting system

**OPERATING LIMITS**

-20°C to 45°C temperature

0-95% relative humidity (non condensing)

**WEIGHT**

10.5 kgs

**DIMENSIONS**

See above. 50 cm version available.

**APPLICATIONS**

- LANDSCAPE LIGHTING
- GRADENS & PARKS
- SIDEWALKS \* PAVEMENTS
- PARKING LOTS
- DRIVEWAYS
- PLAZAS
- CITY SQUARES
- ENTRANCES & EXITS
- HISTORIC SITES & MONUMENTS
- MALLS
- TERMINALS

DUE TO CONTINUOUS IMPROVEMENTS, SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.