PAL™
LIGHTING

Where Brilliance and Efficiency meet Innovation.

evenglow
PALLIGHTING

Proudly Australian owned and representing over 50 years of manufacturing expertise, PAL delivers the most efficient and technological advancements in pool and outdoor lighting.

Introducing

PAL™
LIGHTING

LINEARSTRIPLIGHT

We are the pioneers of LED Swimming Pool and Outdoor Strip Lighting.

Our success is driven by the uncomplicated combination of basic illumination principles and strong creative vision. Our philosophy with regards to LED Strip Lighting is that the actual Strip Light is not a feature within itself but rather a tool used to highlight the features surrounding it.

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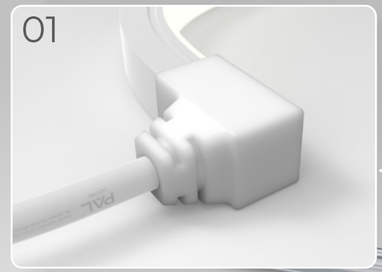
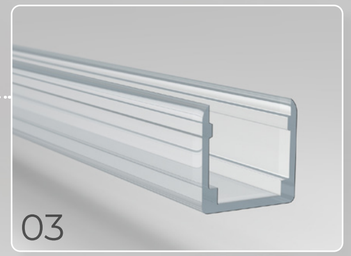


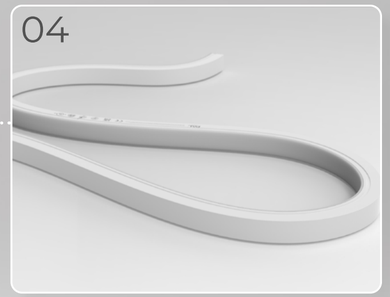
Over Molded

IP 68 Process Technology



Installation Method

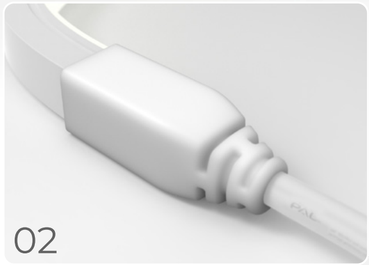
Clear mounting track to suit any application



Material

Gas-phase silicone rubber

1000 mesh + rating

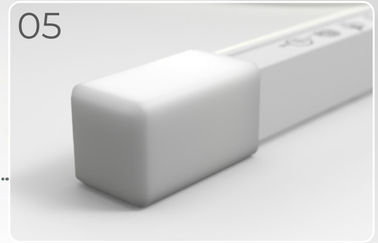


Cable Entry

With entry illumination

Optics

Diffused design for continuous light illumination without hot spots

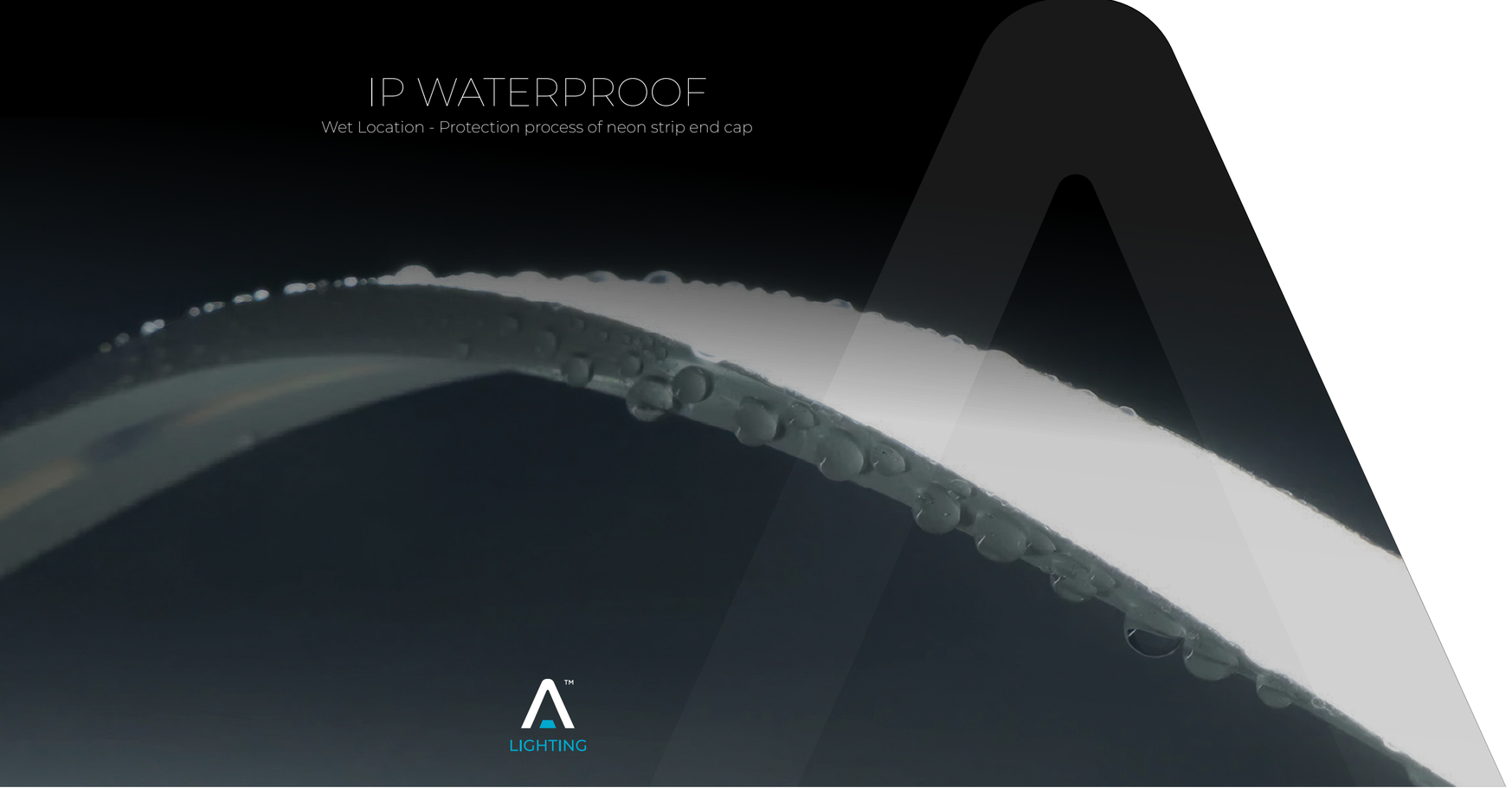


EndCap

Over Molded with diffused illumination

IP WATERPROOF

Wet Location - Protection process of neon strip end cap



LIGHTING™

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IP65

Basic Protection

IP65

Protected against water jets from any angle. An LED strip light that has an IP65 rating is water-resistant.

Application on decks, staircase, patios, and similar outdoor locations.

IP67

Basic Protection
Double Protection

IP67

Protected against the effects of temporary submersion in water. Both IP65-rated LED strips and IP67-rated LED strips use a similar coating material. However, IP67 has additional glued seals at each end, making them water-resistant if submerged in water for ten minutes.

Application on waterfalls, perimeter coping around pools and fountains and any similar outdoor location where water may be splashed onto the strip light.

IP68

Double Protection

IP68

Protected against the effects of permanent submersion in water (with a maximum depth of 10 feet). LED strip lights with IP68 ratings can be permanently in water up to depths of three meters.

Application on pool stairs, overflow tanks, and similar underwater location where submersion of the strip light is permanent.

(When installing PAL EvenGlow Strip Lights in an underwater application, please use the guidance of the PAL Lighting design team at design@pallighting.com)

Applicable scenarios:

intermittent water shower environment such as under the eaves; outdoor sheltered environment.

Key note:

1. Products with protective measures such as silicone glue sealed end cap/nano surface coating must be installed in a sheltered place to avoid direct sunlight, which will cause failure of the sealing glue/nano coating.
2. When installing the IP65 rated products please avoid places prone to water accumulation to avoid failure caused by water soaking.
3. Please avoid contact with various corrosive chemicals.

LIGHTING

About Us

At PALLIGHTING, we redefine the possibilities of pool lighting. As an industry leader in consumer goods, our journey began in 2001, and since then, we've thrived on the principles of basic illumination, creative vision, and cutting-edge technology. Our success is a testament to our commitment to delivering top-tier products, ensuring that the PAL range remains at the forefront of quality and innovation. With dedicated employees and associated members, PALLIGHTING continues to illuminate spaces worldwide, setting a new standard for pool, spa, landscape lighting, and water features.

Innovation

Innovation is the cornerstone of PALLIGHTING. We leverage our expertise to revolutionize pool lighting, utilizing the latest technology in LED lighting to craft products that stand out in quality and design. Our PAL range, renowned for its advanced features, ensures that our clients have the most innovative solutions at their fingertips, setting their pools aglow with brilliance.

Quality Assurance

Quality is more than a standard at PALLIGHTING; it's a commitment. Our pool lighting systems undergo rigorous quality control measures, ensuring that each product meets the highest standards of excellence. From the smallest spa to the grandest resort pool, our dedication to delivering lighting solutions of exceptional quality remains unwavering.

Sustainability Initiatives

As leaders in the pool lighting industry, PALLIGHTING recognizes the responsibility to be stewards of the environment. Our commitment to sustainability is reflected in eco-friendly practices throughout our operations. From responsible sourcing to energy-efficient LED technology, we strive to create a brighter, more sustainable future.

Global Reach

PALLIGHTING's influence extends globally, with our PAL range transforming pools across various regions and countries. With a dedicated team of employees and associated members, we continue to redefine pool lighting standards, creating a global impact that illuminates the world, one pool at a time.

evenglow PALLIGHTING

LEADER IN POOL LIGHTING SOLUTION

PALLIGHTING stands as the unequivocal leader in pool lighting features, setting industry standards with our PAL range. Our commitment to innovation shines through in every aspect, offering pool enthusiasts a dynamic palette of cutting-edge features.

From advanced color-changing options to customizable ambience controls, our pool lighting systems empower users to transform their aquatic spaces into breathtaking showcases. With state-of-the-art LED technology, our products not only illuminate pools but elevate the entire experience.

PALLIGHTING's dedication to staying at the forefront of pool lighting ensures that our customers enjoy a level of sophistication and versatility that is unparalleled in the market. Dive into the future of pool lighting with PALLIGHTING and let your aquatic oasis glow with brilliance and distinction.

COLOR WHEEL

Our unique color wheel allows you to choose from a spectrum of colors, by the light touch of your fingertip you have control of what color, speed, brightness and modes you desire.
Countless amounts of colors wirelessly transfer to your PAL™ Light by the subtle touch of your fingertip. No more clicking buttons or flicking switches on/off to find a specific color or mode. Our wireless touch technology lets you have the control of your PAL™ Light through RF and Wi-Fi by downloading the app to your smartphone.

SWITCH MODE CLONING

Seamlessly link through to either Pentair, Hayward or Jandy's automation system by the easy slide of a dip switch. Unlike other pool lights currently on the market, PAL Color Touch with Cloning takes the complication out of manually and individually synchronizing your pool lights, and once set up PAL lights never need to be resynched.

DMX 512/HOME AUTOMATION

DMX makes it possible to control lights individually or by groups and allows the end user to have full control over a light or group of lights, it also provides your customer with the necessary tools to seamlessly integrate their pool, spa, and even landscape lighting into their home automation for complete control.

COLOR TOUCH

DMX 512

Home Automation Compatibility

PAL DMX

Compatible to the DMX digital-network communication standard that offers flexible control options for a wide variety of lighting, including pool and outdoor.

PAL DMX receivers are either controlled individually, or they can be grouped together in order to create the same colors and effects across lights controlled by multiple receivers.

PAL specializes in all spaces from residential pools to immense resort pools. For all projects with home automation, you will find DMX receivers invaluable.

A DMX controller has four distinct control modes, as indicated below:

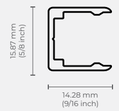
- Zone or Circuit Selection
  (enabling the selection of individually addressed units or circuits)
- Color Selection
- Dimming or fade control.
- Color Program Selection

MINITOPVIEW

NFMT2-RGB SERIES

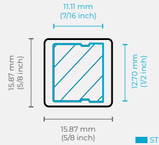
MOUNTING TRACK PART NO:

64-NFMT2-MT-E-6 (6ft Length Mounting Track)



ENDCAPS:

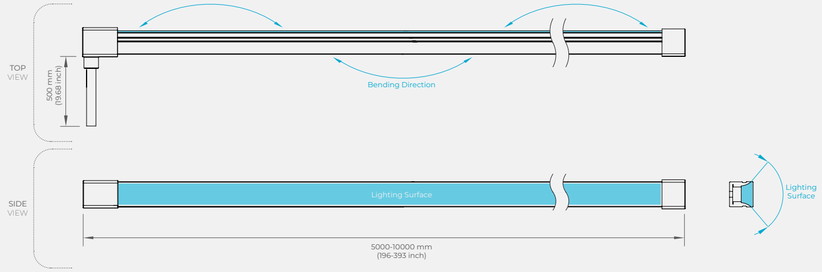
Overmoulded

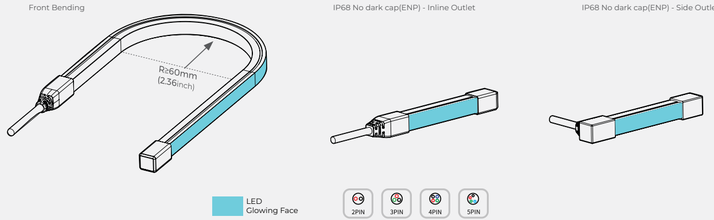


FEATURES:

DIMENSION AND DETAILS:

LED Strip and Endcaps





COLOR OPTION:

2200K
Model: NMT1312
9XX24-CSN050CCS006-PRO
9XX44-CSN050CCS000-PRO(LP)
9XX44-CSN050CCS000-PRO
8WXX24-CDS025CCS500-PRO-EPSPI
8WXX24-CDS025CC 0500-PRO-EP(DMX512)

2700K
Model: NMT1312
9XX24-CSN050CCS006-PRO
9XX44-CSN050CCS000-PRO(LP)
9XX44-CSN050CCS000-PRO
8WXX24-CDS025CCS500-PRO-EPSPI
8WXX24-CDS025CC 0500-PRO-EP(DMX512)

3000K
Model: NMT1312
9XX24-CSN050CCS006-PRO
9XX44-CSN050CCS000-PRO(LP)
9XX44-CSN050CCS000-PRO
8WXX24-CDS025CCS500-PRO-EPSPI
8WXX24-CDS025CC 0500-PRO-EP(DMX512)

4000K
Model: NMT1312
9XX24-CSN050CCS006-PRO
9XX44-CSN050CCS000-PRO(LP)
9XX44-CSN050CCS000-PRO
8WXX24-CDS025CCS500-PRO-EPSPI
8WXX24-CDS025CC 0500-PRO-EP(DMX512)

5000K
Model: NMT1312
9XX24-CSN050CCS006-PRO
9XX44-CSN050CCS000-PRO(LP)
9XX44-CSN050CCS000-PRO
8WXX24-CDS025CCS500-PRO-EPSPI
8WXX24-CDS025CC 0500-PRO-EP(DMX512)

6000K
Model: NMT1312
9XX24-CSN050CCS006-PRO
9XX44-CSN050CCS000-PRO(LP)
9XX44-CSN050CCS000-PRO
8WXX24-CDS025CCS500-PRO-EPSPI
8WXX24-CDS025CC 0500-PRO-EP(DMX512)

Warm/Cool
Model: NMT1312
9XX24-CSN050CCS006-PRO
9XX44-CSN050CCS000-PRO(LP)
9XX44-CSN050CCS000-PRO
8WXX24-CDS025CCS500-PRO-EPSPI
8WXX24-CDS025CC 0500-PRO-EP(DMX512)

RGB
Model: NMT1312
9XX24-CSN050CCS006-PRO
9XX44-CSN050CCS000-PRO(LP)
9XX44-CSN050CCS000-PRO
8WXX24-CDS025CCS500-PRO-EPSPI
8WXX24-CDS025CC 0500-PRO-EP(DMX512)

RGBW
Model: NMT1312
9XX24-CSN050CCS006-PRO
9XX44-CSN050CCS000-PRO(LP)
9XX44-CSN050CCS000-PRO
8WXX24-CDS025CCS500-PRO-EPSPI
8WXX24-CDS025CC 0500-PRO-EP(DMX512)

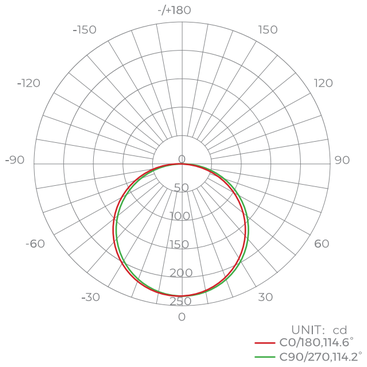
PIXEL
Model: NMT1312
9XX24-CSN050CCS006-PRO
9XX44-CSN050CCS000-PRO(LP)
9XX44-CSN050CCS000-PRO
8WXX24-CDS025CCS500-PRO-EPSPI
8WXX24-CDS025CC 0500-PRO-EP(DMX512)

MINITOPVIEW

NFMT2-RGB SERIES

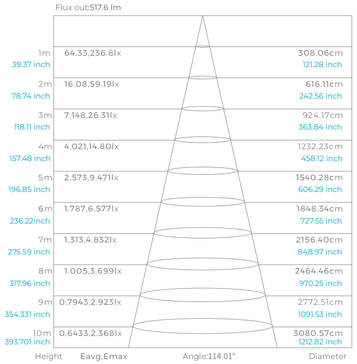
- Input Voltage: 24V DC Constant Voltage
- Power Consumption: 3.4W Per Ft
- Lumen Output: 190 Lumens Per Ft.
- Beam Angle: 160°
- CRI: 88+
- Dimming MLV, ELV, 0-10 And Triac
- Maximum Run Length: 32' (10m)
- IP Rating: IP67 / IP68 Wet Locations
- Lumen Maintenance : 50,000 Hours
- Operating Temperature: -4°F ~113°F (-20°C ~ 45°C)
- Humidity: 0-95% Non-condensing
- Certifications: UL-676 Pool & Spa Submersible
- Dimensions: Width x Depth: 0.51" (13mm) x 0.47" (12mm)
- Warranty: 3 Years

Light distribution



AVERAGE BEAM ANGLE (50%):114.4°

Effective average illuminance



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance

Note: The above data is based on 24V monochrome 4000K color temperature. If you need other models of IES files, please download the corresponding models from the IES database.

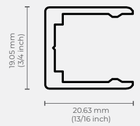
Portola Hills California 2022
Designed and built by OC Poolscapes

FLEXTOPVIEW

NFLT-RGB SERIES

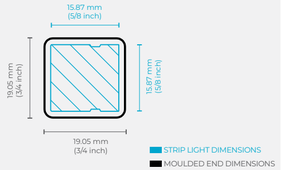
MOUNTING TRACK PART NO:

64-NFLT-MT-E-6 (6ft Length Mounting Track)



ENDCAPS:

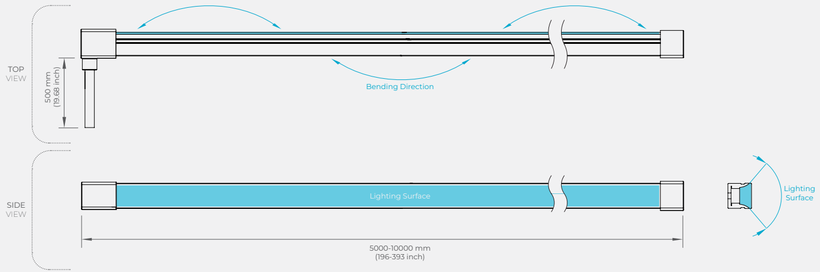
Overmoulded



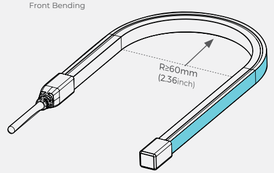
FEATURES:

DIMENSION AND DETAILS:

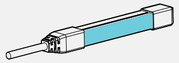
LED Strip and Endcaps



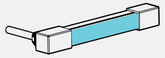
Front Bending



IP68 No dark cap(ENP) - Inline Outlet



IP68 No dark cap(ENP) - Side Outlet



COLOR OPTION:

2200K
Model: NMT1312
9W24ft CSN050CC300A-PRO
9W24ft CSN050CC5000-PRO(LP)
9W24ft CSN050CC2000-PRO
8WX24 CDS025CC0500-PRO-EPISPI
8WX24 CDS025CC 0500-PRO-EPIQMX512

2700K
Model: NMT1312
9W24ft CSN050CC300A-PRO
9W24ft CSN050CC5000-PRO(LP)
9W24ft CSN050CC2000-PRO
8WX24 CDS025CC0500-PRO-EPISPI
8WX24 CDS025CC 0500-PRO-EPIQMX512

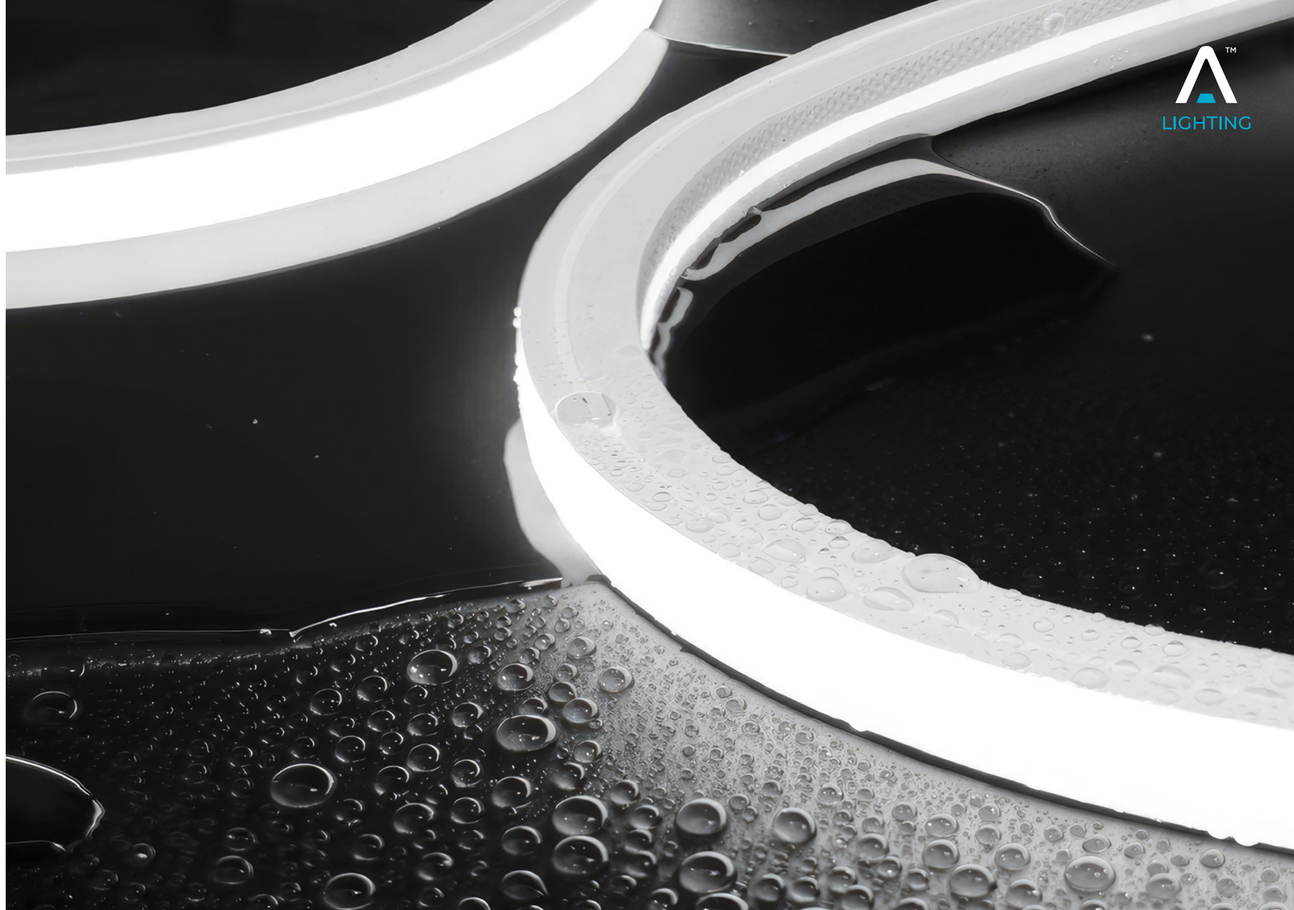
3000K
Model: NMT1312
9W24ft CSN050CC300A-PRO
9W24ft CSN050CC5000-PRO(LP)
9W24ft CSN050CC2000-PRO
8WX24 CDS025CC0500-PRO-EPISPI
8WX24 CDS025CC 0500-PRO-EPIQMX512

4000K
Model: NMT1312
9W24ft CSN050CC300A-PRO
9W24ft CSN050CC5000-PRO(LP)
9W24ft CSN050CC2000-PRO
8WX24 CDS025CC0500-PRO-EPISPI
8WX24 CDS025CC 0500-PRO-EPIQMX512

5000K
Model: NMT1312
9W24ft CSN050CC300A-PRO
9W24ft CSN050CC5000-PRO(LP)
9W24ft CSN050CC2000-PRO
8WX24 CDS025CC0500-PRO-EPISPI
8WX24 CDS025CC 0500-PRO-EPIQMX512

RGB
Model: NMT1312
9W24ft CSN050CC300A-PRO
9W24ft CSN050CC5000-PRO(LP)
9W24ft CSN050CC2000-PRO
8WX24 CDS025CC0500-PRO-EPISPI
8WX24 CDS025CC 0500-PRO-EPIQMX512

PIXEL
Model: NMT1312
9W24ft CSN050CC300A-PRO
9W24ft CSN050CC5000-PRO(LP)
9W24ft CSN050CC2000-PRO
8WX24 CDS025CC0500-PRO-EPISPI
8WX24 CDS025CC 0500-PRO-EPIQMX512



evenglow PAILIGHTING

FLEXTOPVIEW

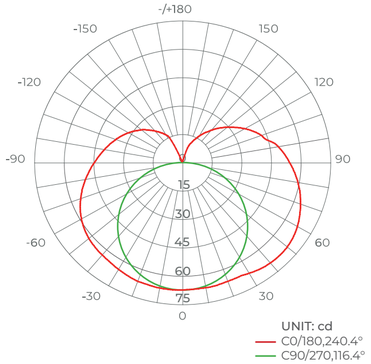
NFLT-RGB SERIES

Avant Garde 2023

An ultra-lush and custom planted tropical outdoor living space, Avant-Garde reveals a love of nature and contemporary design. From the entry fountain to the Koi pond, from mixed media surfaces to the custom pool with rock grotto spa, this multi-million-dollar project by Ryan Hughes Design-Build extends throughout the client's estate. The shimmering glass tile infinity-edge pool with custom tile imagery was crafted to mirror an adjacent water-wall design. Rocks and boulders from the client's personal collection gathered in countries around the globe are used to create the custom grotto as well as add drama to areas throughout the outdoor space.

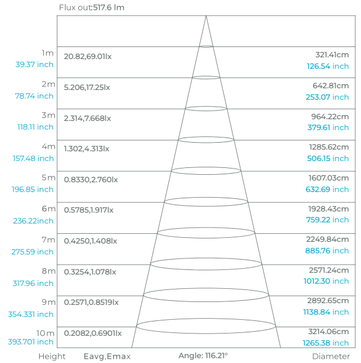
- Input Voltage: 24V DC Constant Voltage
- Power Consumption: 3.4W Per Ft
- Lumen Output: 190 Lumens Per Ft.
- Beam Angle: 160°
- CRI: 88+
- Dimming MLV, ELV, 0-10 And Triac
- Maximum Run Length: 32' (10m)
- IP Rating: IP67 / IP68 Wet Locations
- Lumen Maintenance : 50,000 Hours
- Operating Temperature: -4°F ~113°F (-20°C ~ 45°C)
- Humidity: 0-95% Non-condensing
- Certifications: UL676 Pool & Spa Submersible
- Dimensions: Width x Depth: 0.51" (13mm) x 0.47" (12mm)
- Warranty: 3 Years

Light distribution



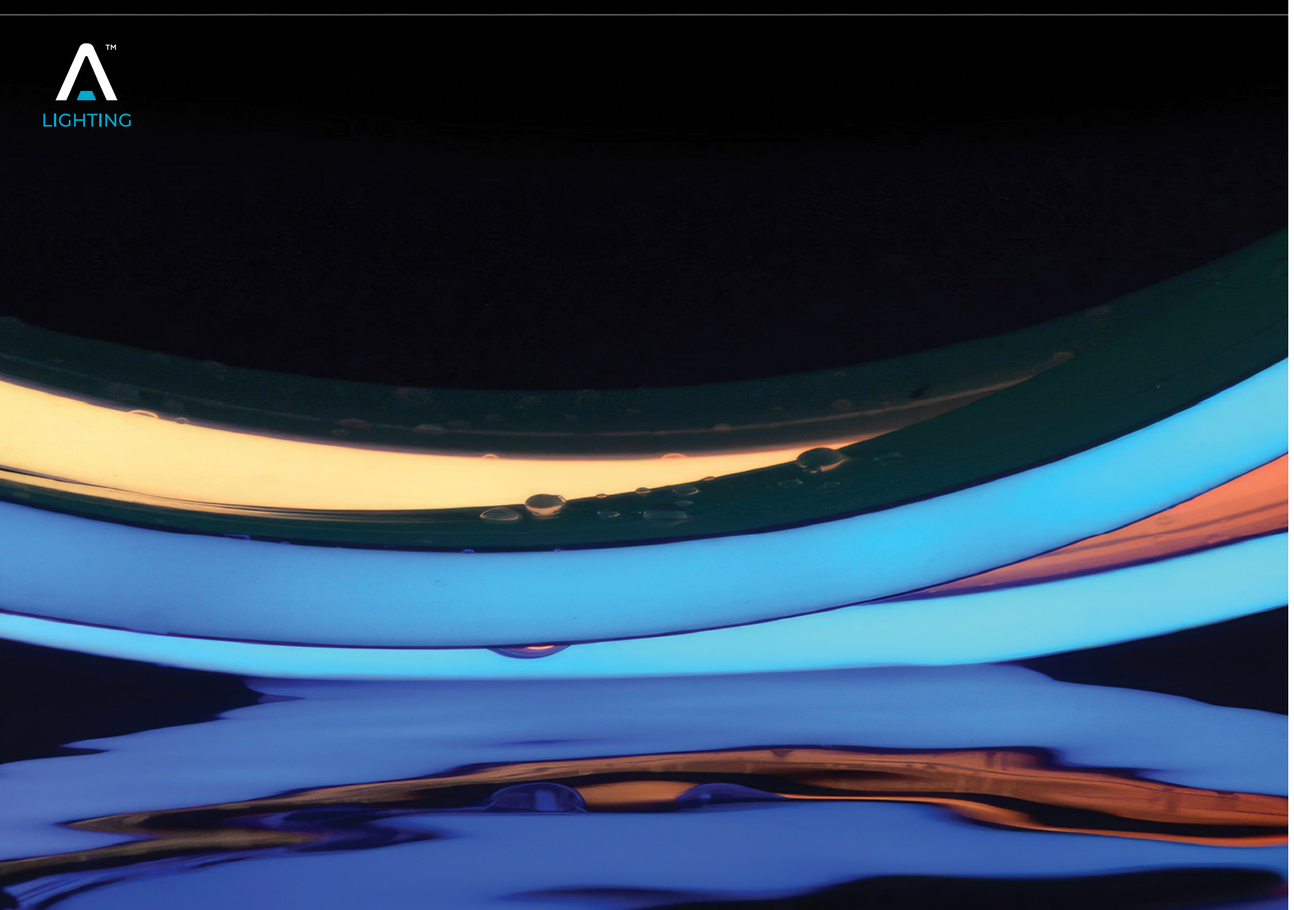
AVERAGE BEAM ANGLE(50%):178.4°

Effective average illuminance



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Note: The above data is based on 24V monochrome 4000K color temperature. If you need other models of IES files, please download the corresponding models from the IES database.

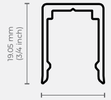


FLEXSIDEVIEW

NFWB2-RGB SERIES

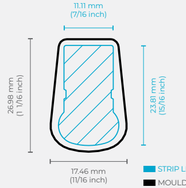
MOUNTING TRACK PART NO:

64-NFMT2-MT-E-6 (6ft Length Mounting Track)



ENDCAPS:

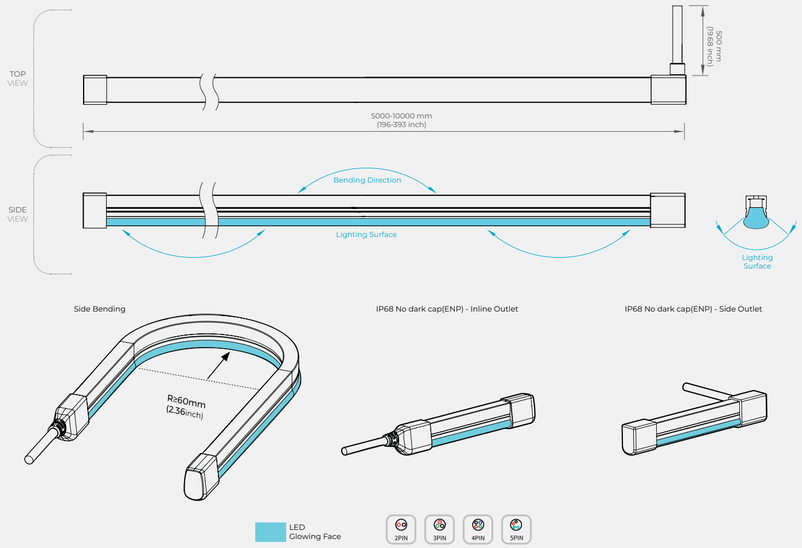
Overmoulded



FEATURES:

DIMENSION AND DETAILS:

LED Strip and Endcaps



COLOR OPTION:

2200K
Model: NMT1312
9WX4ft CSN050CC3000-PRO
9WX4ft CSN050CCS3000-PRO(LP)
9WX4ft CSN050CC2000-PRO
8WX24 CD5025CC0500-PRO-EP(SP)
8WX24 CD5025CC 0500-PRO-EP(DMX512)

2700K
Model: NMT1312
9WX4ft CSN050CC3000-PRO
9WX4ft CSN050CCS3000-PRO(LP)
9WX4ft CSN050CC2000-PRO
8WX24 CD5025CC0500-PRO-EP(SP)
8WX24 CD5025CC 0500-PRO-EP(DMX512)

3000K
Model: NMT1312
9WX4ft CSN050CC3000-PRO
9WX4ft CSN050CCS3000-PRO(LP)
9WX4ft CSN050CC2000-PRO
8WX24 CD5025CC0500-PRO-EP(SP)
8WX24 CD5025CC 0500-PRO-EP(DMX512)

4000K
Model: NMT1312
9WX4ft CSN050CC3000-PRO
9WX4ft CSN050CCS3000-PRO(LP)
9WX4ft CSN050CC2000-PRO
8WX24 CD5025CC0500-PRO-EP(SP)
8WX24 CD5025CC 0500-PRO-EP(DMX512)

5000K
Model: NMT1312
9WX4ft CSN050CC3000-PRO
9WX4ft CSN050CCS3000-PRO(LP)
9WX4ft CSN050CC2000-PRO
8WX24 CD5025CC0500-PRO-EP(SP)
8WX24 CD5025CC 0500-PRO-EP(DMX512)

RGB
Model: NMT1312
9WX4ft CSN050CC3000-PRO
9WX4ft CSN050CCS3000-PRO(LP)
9WX4ft CSN050CC2000-PRO
8WX24 CD5025CC0500-PRO-EP(SP)
8WX24 CD5025CC 0500-PRO-EP(DMX512)

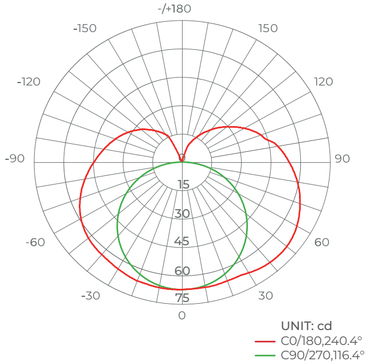
PIXEL
Model: NMT1312
9WX4ft CSN050CC3000-PRO
9WX4ft CSN050CCS3000-PRO(LP)
9WX4ft CSN050CC2000-PRO
8WX24 CD5025CC0500-PRO-EP(SP)
8WX24 CD5025CC 0500-PRO-EP(DMX512)

FLEXSIDEVIEW

NFWB2-RGB SERIES

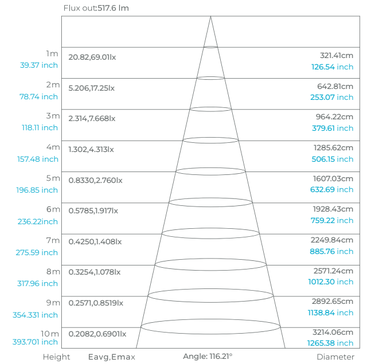
- Input Voltage: 24V DC Constant Voltage
- Power Consumption: 3.4W Per Ft
- Lumen Output: 190 Lumens Per Ft.
- Beam Angle: 160°
- CRI: 88+
- Dimming MLV, ELV, 0-10 And Triac
- Maximum Run Length: 32' (10m)
- IP Rating: IP67 / IP68 Wet Locations
- Lumen Maintenance : 50,000 Hours
- Operating Temperature: -4°F ~113°F (-20°C ~ 45°C)
- Humidity: 0-95% Non-condensing
- Certifications: UL-676 Pool & Spa Submersible
- Dimensions: Width c Depth: 0.51" (13mm) c 0.47" (12mm)
- Warranty: 3 Years

Light distribution



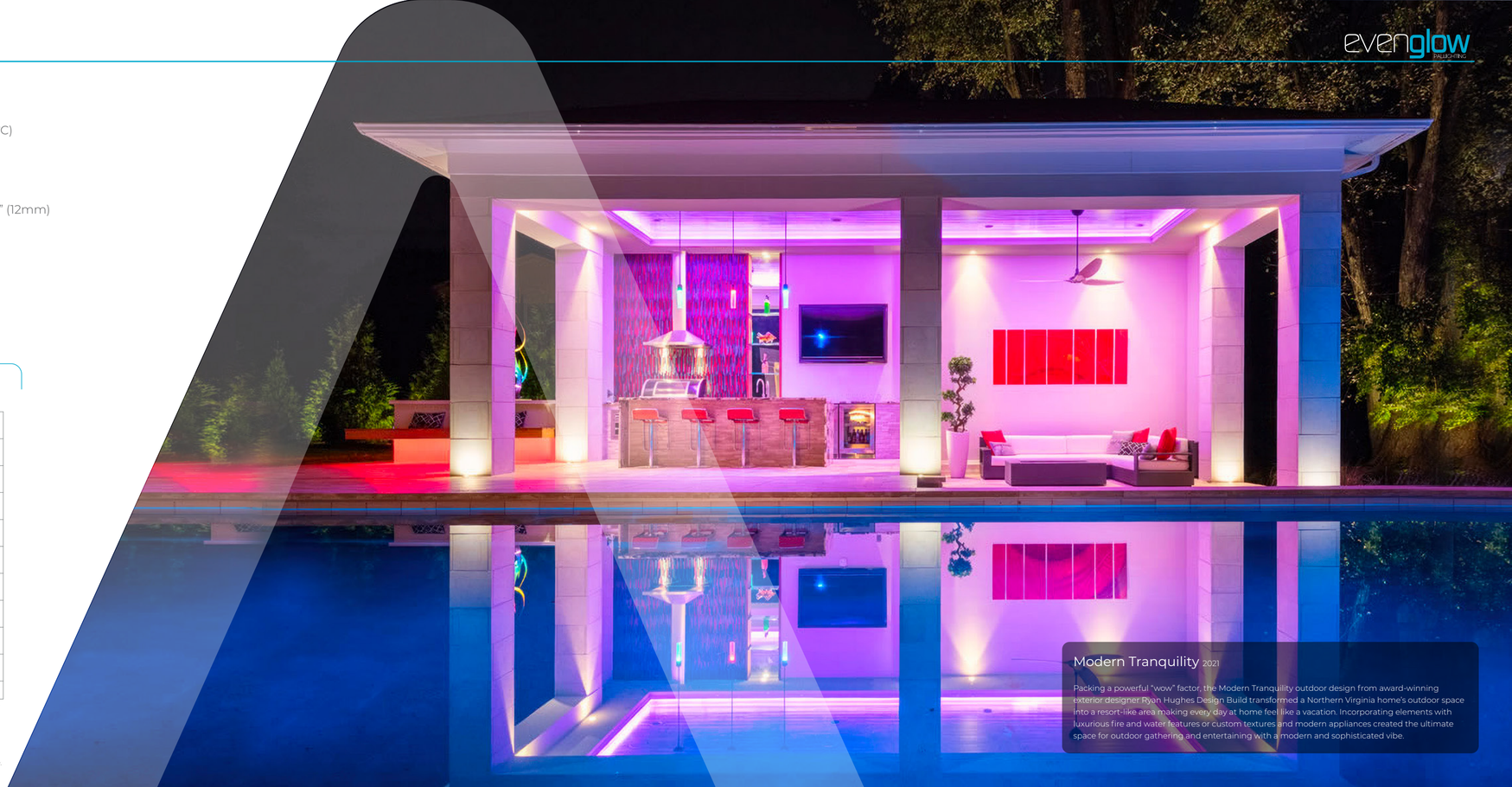
AVERAGE BEAM ANGLE(50%):178.4°

Effective average illuminance



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Note: The above data is based on 24V monochrome 4000K color temperature. If you need other models of IES files, please download the corresponding models from the IES database.



Modern Tranquility 2021

Packing a powerful "wow" factor, the Modern Tranquility outdoor design from award-winning exterior designer Ryan Hughes Design Build transformed a Northern Virginia home's outdoor space into a resort-like area making every day at home feel like a vacation. Incorporating elements with luxurious fire and water features or custom textures and modern appliances created the ultimate space for outdoor gathering and entertaining with a modern and sophisticated vibe.

STEPPING STONES

Stepping Stones are a set of stones arranged to form a simple bridge or pathway which allows water to flow between the stones. Installing Strip Lights under the stones creates the illusion of it floating or levitating at night.

The most common method to highlight steppingstones is a directional pool light which creates a hot spot towards or away from the stone and will not give you the effect of a floating step at night. Utilizing Strip Lighting will remove any hot spots caused

Reflections 2020

Built by award-winning team of Ryan Hudges Design.

GILBERT Arizona 2021

Premier Paradise Inc Ulitimate residential resort gilbert Arizona paradise luxury pool by Jeromey Naugle

CATCH BASINS

Grand Lake O' The Cherokees 2023

Designed by Lorax Design Group

OVERFLOW TANKS / CATCH BASINS

Overflow Tanks/Catch Basins are a body of water below an overflow edge that is commonly illuminated with directional up lighting which creates a hot spot on the overflow wall. Using a Strip Light on the catch basin wall with the light directing towards the overflow wall illuminates the overflow wall creating a shimmery effect when the water cascades down to the catch basin.

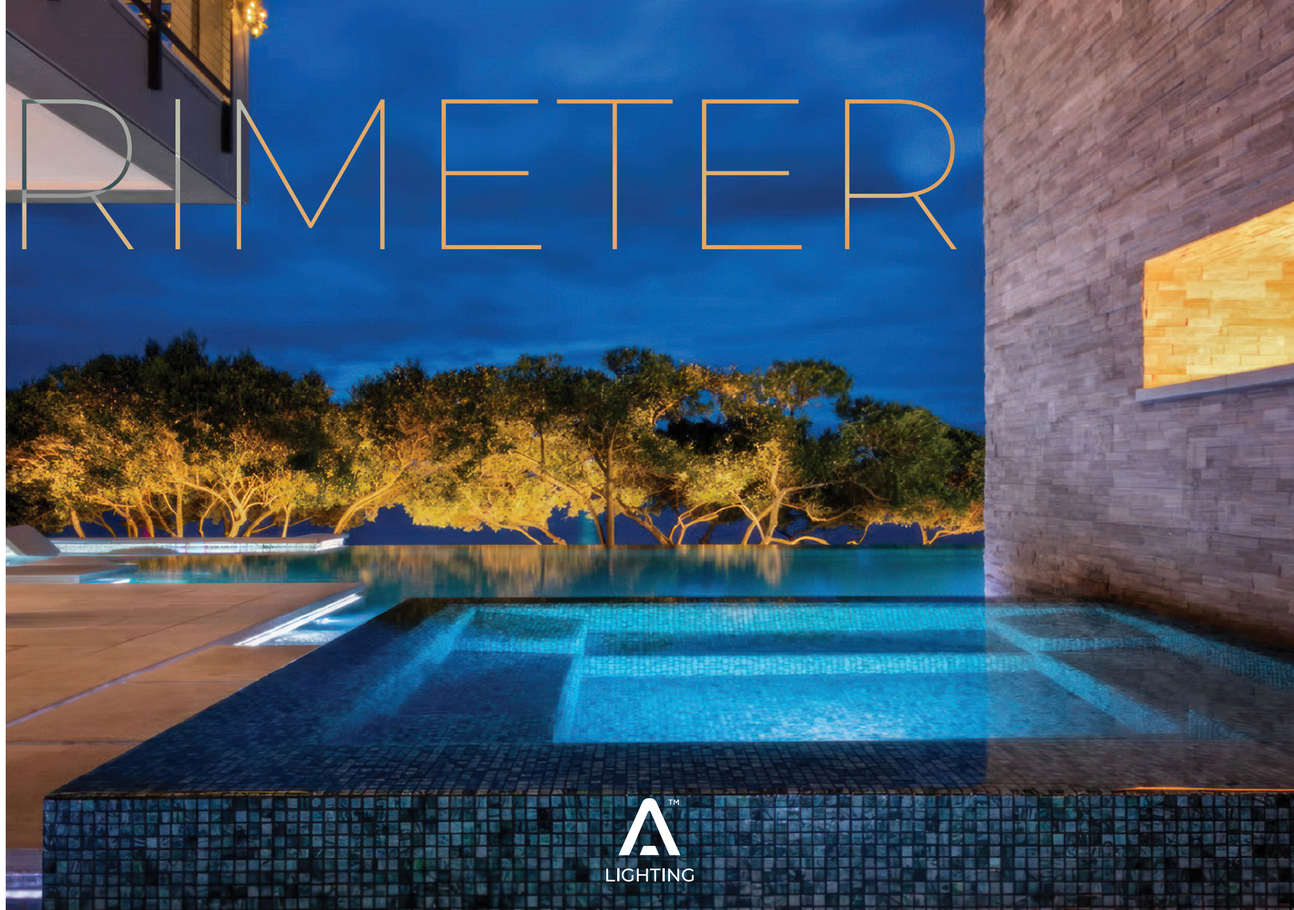
POOL PERIMETER

Using Strip Lighting to highlight the perimeter around a pool is a modern alternative rather than using conventional pool lighting. Concealing the Strip Lighting underneath the copping illuminates the perimeter edge accentuating the lines and curves.

Portola Hills
California 2033

Designed and built by
OC Poolscapes

POOL PERIMETER



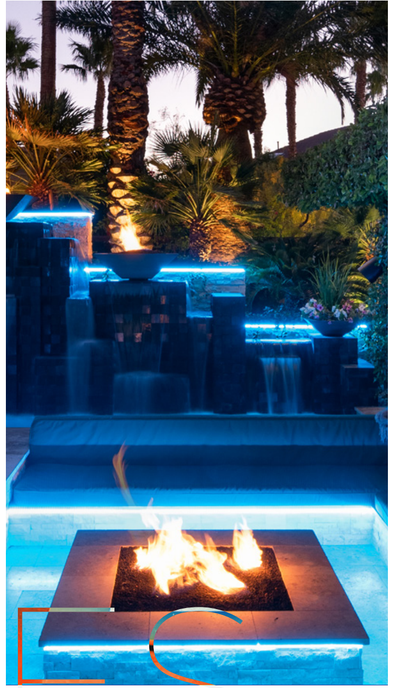
FIRE FEATURES

FIRE FEATURES

Fire Features are either placed on a pedestal or a feature wall. At night all that is seen is the flames above therefore installing Strip Lighting at the base of the pedestal or feature wall illuminates this area showcasing the entire surrounds of the masonry work below the fire feature.

Poolscapes Las Vegas 2022

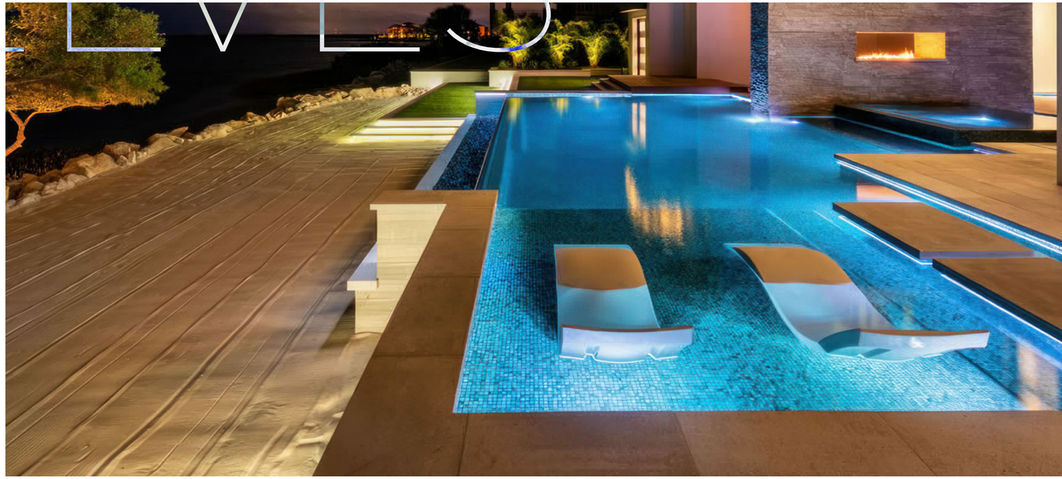
Designed by award winning Poolscapes Las Vegas.



Portola Hills California 2033

Designed and built by OC Poolscapes

BAJA SHELVES



Nirvana 2020
Ryan Hughes Design
Signature Project

BAJA SHELVES

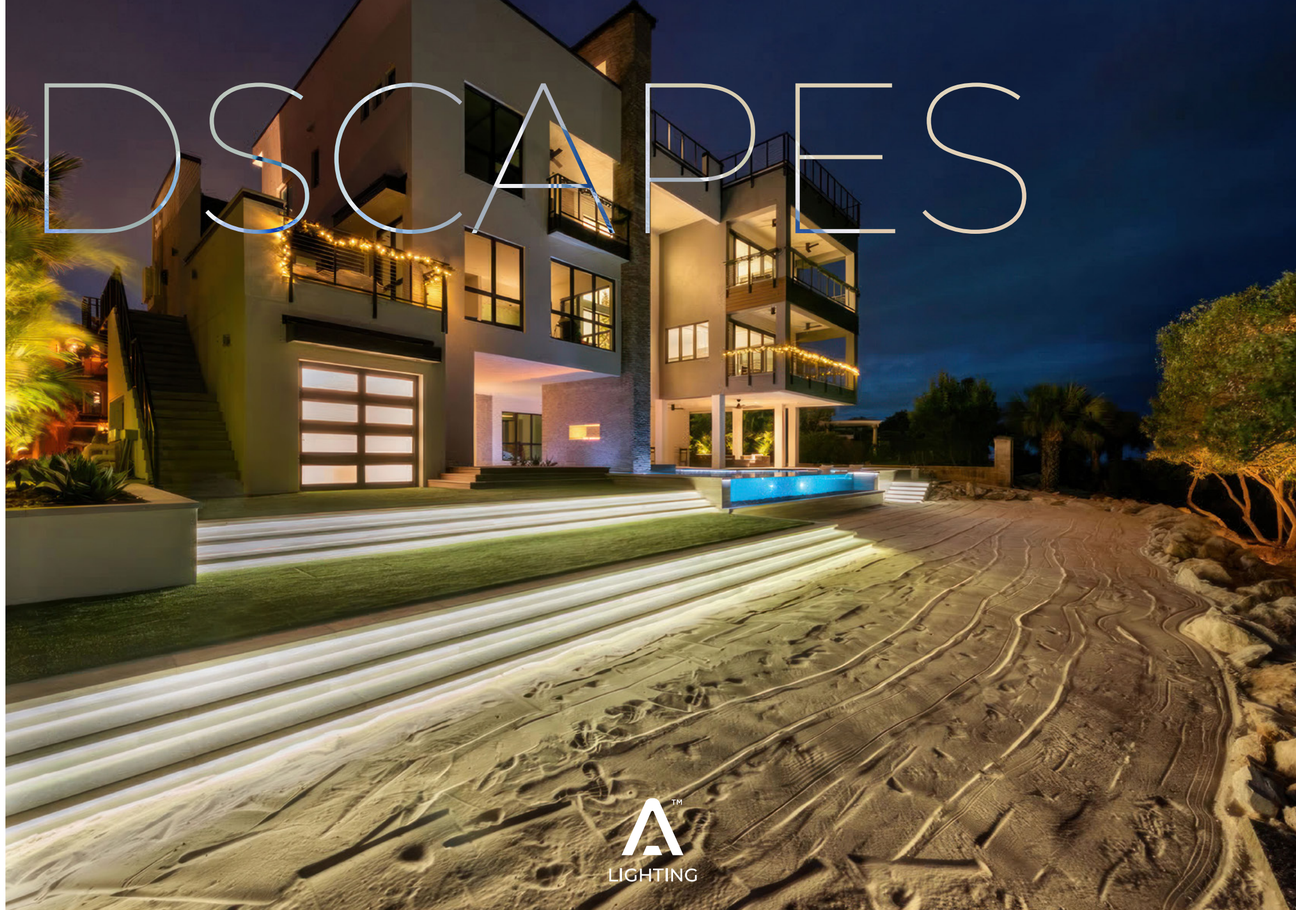
Baja Shelves are low-level areas of water in a pool. Commonly these areas are illuminated using conventional pool lights, but this can create hot spots due to the low level of water. To avoid any hot spots and illuminate the entire area of water it is best to use Strip Lighting around the perimeter of the shelf. Installing the Strip Light under the copping will highlight the Baja Shelf.

HARDSCAPES

Utilizing Strip Lighting on any hardscape around the pool such as retaining walls and stairs is best achieved by recessing the light into the edges and overhangs. Ultimately bringing a new dimension to the hardscape and evenly lighting the area.

Refuge 2020
Designed by award winning Lorax Design Group

Dallas Texas 2021
Award Winning Pool by Kate and Justin Brown from Elite Outdoor Living.



WATER FEATURES

Poolscapes Las Vegas 2022

Designed by award winning Poolscapes Las Vegas.

WATER FEATURES

A more effective and ideal approach to illuminating water features such as a spill-overs or sheers is to use a Strip Light, which will cover, capture and illuminate every inch of water falling down.

SUNKEN

Sunken Fire Pits are very popular in sunken areas but are not the only feature, utilizing Strip Lighting under the seating and/or around the fire pit itself illuminates the entire floor space and walls around the fire pit.

BENCHES

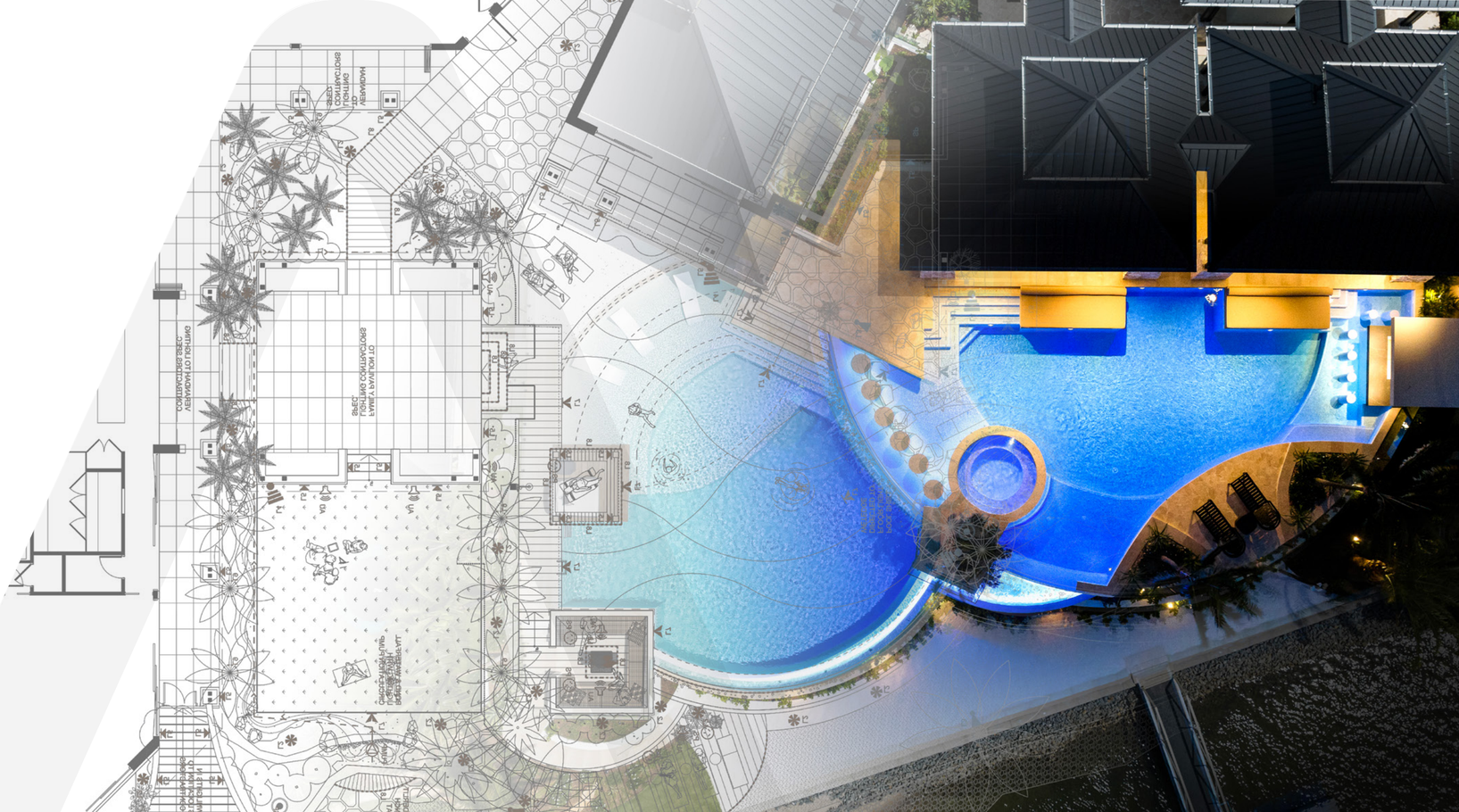
Veranda Sun 2022

Designed and built by award winning team of Ryan Hughes Design Build.

CUSTOM DESIGN & SIGNATURE PROJECTS

PAL offers in-house designs customized to the plans supplied by the customer. These plans are marked up with design concepts to suit the individual requirement of the design, highlighting the pre-installation requirements of provisions such as the type of strip lighting and the direction in which it requires being either forward or downward facing and on occasion upwards facing.

When submitting plans, it's always recommended that you also submit your 3D renderings or Pool Studio .sav files. During this stage of design, if requested, PAL offers a full design concept when Pool Studio files are submitted. Through this the end user will visually be able to see a 3D rendering of their project in its completion stage highlighting the designs features.



CARMEL

Designed and built by award winning team of Ryan Hughes Design Build.

LIGHTING

ENCORE

Designed and built by Clamroc Constructions.

RIVER CHASE

Designed and built by award winning team of Ryan Hughes Design Build.

AMARULA SUN

Designed and built by award winning team of Ryan Hughes Design Build.

LIGHTING

LIGHTING™

PAL, a leading pool instrument manufacturer, is dedicated to creating innovative and reliable products for pool enthusiasts worldwide. Our commitment to excellence and cutting-edge technology ensures that pool owners can enjoy crystal-clear waters and hassle-free maintenance.

PAL LIGHTING
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Houston, TX 77017
P: 713.946.4343