EXPANDED COLLECTION
2ND EDITION

LED CITY
SIGNS & LIGHTS

LED CITY

EXPANDED COLLECTION 2023
2ND EDITION

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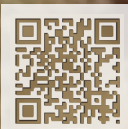
STRIP LIGHTING

FLEXIBLE. PRACTICAL. BEAUTIFUL.

STRIP LIGHTING IS AN EFFICIENT AND VERSATILE TECHNOLOGY THAT LETS YOU CUSTOMIZE THE SPACE AROUND YOU BY ADDING LIGHT ALMOST ANYWHERE.

Brighten the ceiling from the cove without worrying about changing bulbs or enduring the dim flicker of a dying tube.

Add soft light to display shelves, in drawers and cabinets, behind mirrors, under steps... anywhere light is needed.

Accent a room's decor or set the mood on a backyard deck. There's no end to the possibilities, and with the right strip lights, practically anything can be achieved.

Light is no longer limited by lamps and sockets. You can be in control.

LIGHT COLORS EVERYTHING YOU SEE. IT AFFECTS EMOTIONS. IT CAN SOOTHE OR EXCITE.

A WELL-PLACED LIGHT CAN PREVENT A LOT OF HEADACHES. LITERALLY.

A NEW FACE

When applying makeup, experts recommend using light that matches the social environment. Color changes with setting and time of day. Color balancing strip lights can ensure there are no surprises on the red carpet.

LIGHT WHERE YOU NEED IT

A growing trend in custom home design is to add short runs of strip light and switches or sensors to light up dark drawers automatically.

OUT OF SIGHT

Hidden light sources can set a mood, establish a design aesthetic, or subtly direct attention where it's needed.

FACE THE ELEMENTS

Use outdoor rated strips or extrusions to illuminate pathways and entrances improving safety while enhancing the view. Quality outdoor materials resist yellowing from UV exposure.

DESIGNING YOUR STRIP LIGHTS

TO DECIDE WHAT MATERIALS YOU NEED FOR YOUR PROJECT, WE NEED TO ASK THREE QUESTIONS.

1. WHERE WILL THEY BE?

LED strip lights need protection. How much depends on where they are.
An IP rating is a code that tells how much protection an enclosure offers.

The first number is defense against objects like dust and fingers.
The second digit is defense against moisture.

Most indoor installations require minimal object protection and no moisture protection - eg. IP20. Sometimes no protection is needed.

Outdoor enclosures generally need at least level 6 solid protection and liquid protection between 5 and 8 - eg. IP65 or IP68.

2. WHY ARE THEY THERE?

Some lights are meant to be seen.
For these, color is most Important.
Density just has to be enough to avoid gaps or dark spots.

Some lights are meant to see by.
For these, color temperature and color rendering are important for accurate colors and appropriate mood.
Density depends on how bright the light needs to be.

3. HOW LONG IS EACH SECTION?

Measure the length that each line of light should cover.
Add the lengths of all the strips to be controlled by one switch or button. That's how many feet of strip you'll need.
From this you can calculate how much power the area will need.

OUTDOOR

BATH

IP68
NEMA type 6

IP20
NEMA type 1

INDOOR

	OUTDOOR	BATH/WET	INDOOR
OVERHEAD HD 4.4W, SSL 4.4W	General-purpose down lighting used to illuminate a space without the need for a traditional bulb + fixture combination.		
	WW, NW, CCT	WW, NW, CCT	WW, NW, CCT
AMBIENT SD 2.2W, HD 4.4W	Indirect lighting that creates an additional layer of light to fill out a space and help an area feel more open and spacious.		
	WW, CCT, RGB, RGBW	WW, NW, CCT	WW, CCT, RGB, RGBCCT
DECORATIVE HD 4.4W, SSL 4.4W	Drawing with light to outline a space, design feature, or an entire building as a purely aesthetic element to enjoy.		
	RGB, RGBW, RGBCCT	WW, NW	WW, NW, RGB, RGBCCT
TASK HD 4.4W, SSL 4.4W	Bright, even lighting that fully washes a space to help you see clearly as you work, study, or perform a task.		
	WW, NW, CW, CCT	WW, NW, CCT	NW, CW, CCT
ACCENT SD 2.2W	Splashes of light that may highlight features, elevations, or dynamic elements deserving of special attention. May be used to warn of hazards, illuminate walk ways, or wash artwork.		
	WW, RGB	WW, NW, CCT, RGB	WW, NW, CCT, RGB

LIGHT CHANGES THE WAY WE THINK.

LIGHT IN THE EVENING IS WARM WHITE
THIS AMBIENCE ENCOURAGES US TO REST

EVEN WARMER IS THE LIGHT OF A CANDLE
OR A TRADITIONAL INCANDESCENT BULB

THE LOWER LIGHT LEVELS WE ASSOCIATE
WITH WARM WHITE MAKES DIM-TO-WARM
LIGHTING ESPECIALLY COMFORTING

NATURAL WHITE LIGHT IS NEUTRAL
IT REVEALS COLORS MOST ACCURATELY

THIS LIGHT IS OFTEN PREFERRED FOR CLOSETS
MUSEUMS AND STORES WHERE COLOR IS KEY

AT MIDDAY WHEN THE SUN IS HIGHEST
WE ARE AT OUR MOST ATTENTIVE

COOL WHITE LIGHT IS BRIGHTEST
AND BEST FOR PRECISE DETAIL WORK

WARM COMFORTABLE NATURAL COZY   PRECISE EVEN NATURAL CRISP CLEAN   SHARP VIBRANT BRIGHT PRACTICAL
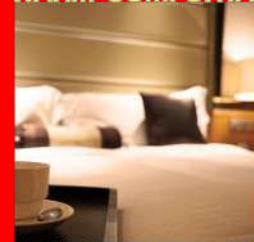
TRADITIONAL INVITING SOOTHING   FRESH GRACEFUL PURE NEUTRAL   SLEEK COOL SECURE CLEAN BRILLIANT

2700°K   **4000°K**   **6000°K**

"White" light covers a broad range of colors from orange to blue. We describe this color by referring to its temperature on the Kelvin scale.
LED light tends to fall somewhere between 2500 and 6500 degrees Kelvin. 4000°K is the whitest, most neutral tone of white light.

CCT

CORRELATED COLOR
TEMPERATURE (CCT) DIODES
MIX WARM AND COOL LIGHT
TO CREATE THE EXACT
COLOR TEMPERATURE
YOU NEED

cool

warm

RGB

red   white
green
blue

RGB DIODES MIX
RED, GREEN AND BLUE
LIGHT TO CREATE THE
EXACT COLOR YOU
WANT

red green
blue

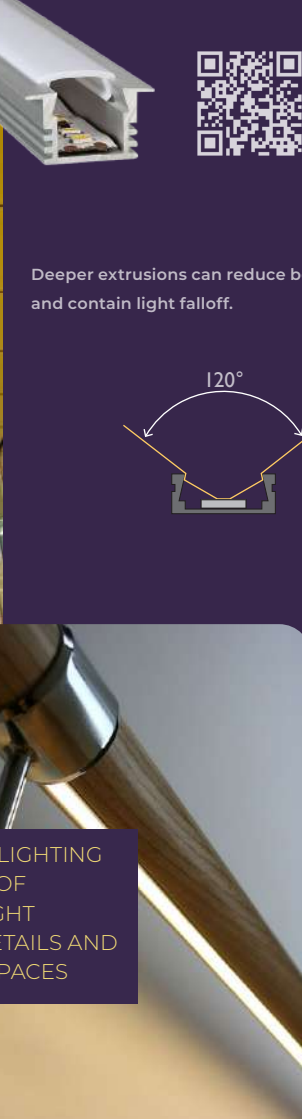RGB DIODES MIX
RED, GREEN AND BLUE
LIGHT WITH WHITE
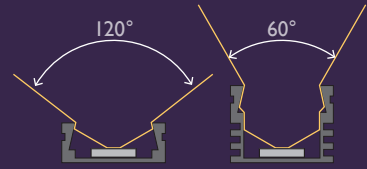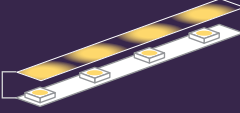LIGHT TO CREATE THE
HUE AND SATURATION
YOU'RE LOOKING FOR

RGBW

Deeper extrusions can reduce beam angle and contain light falloff.

120°   60°

Gaps appear when density is low and extrusion depth is shallow.

Deeper extrusions will minimize gaps but reduce brightness.

Higher density will minimize gaps while maintaining brightness.

DECORATIVE STRIP LIGHTING CAN CREATE LINES OF LIGHT THAT HIGHLIGHT ARCHITECTURAL DETAILS AND DEFINE PHYSICAL SPACES

SD 2.2

HD 4.4
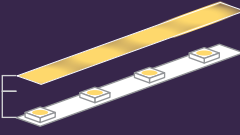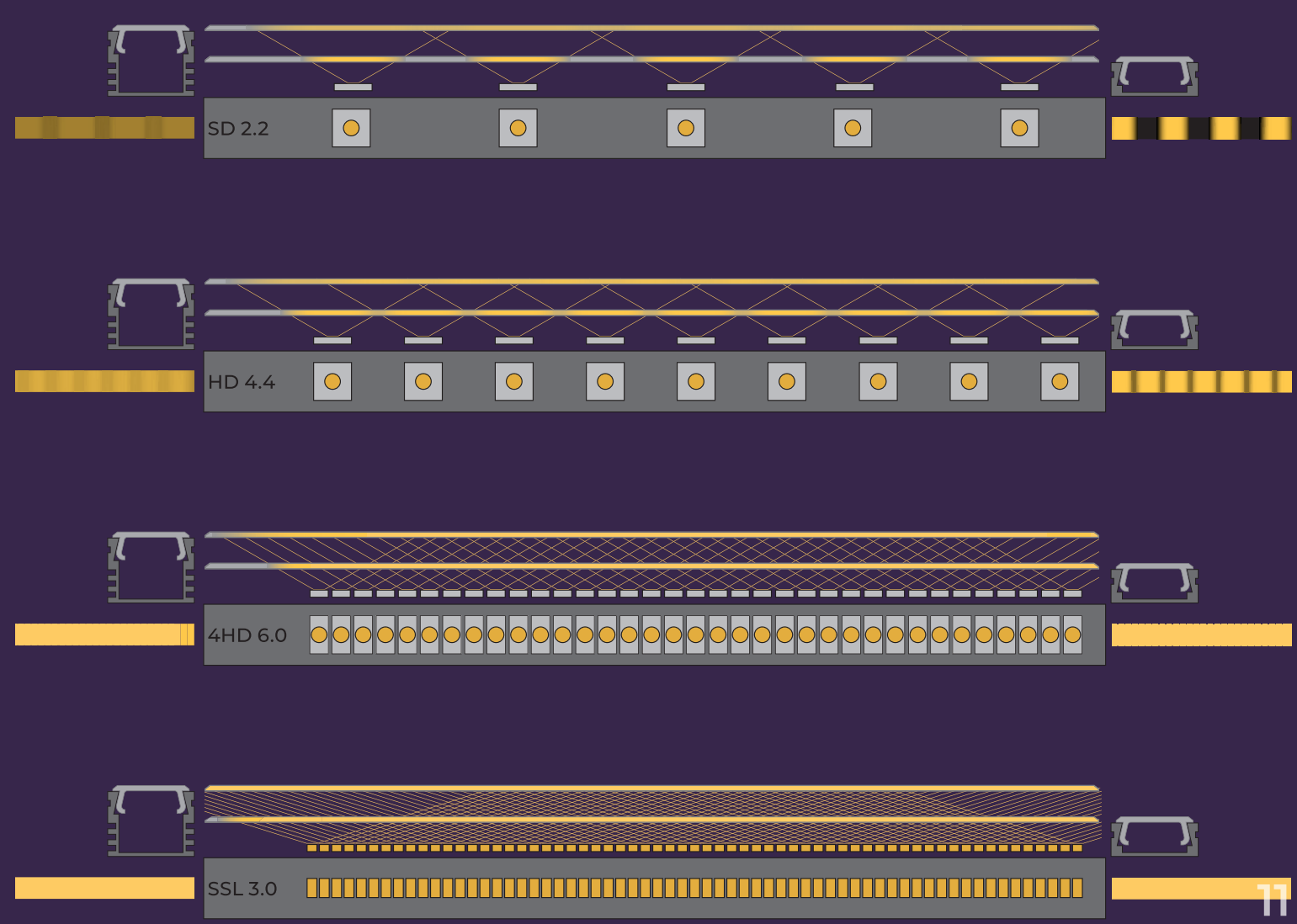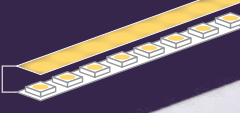
4HD 6.0

SSL 3.0

LINE OF LIGHT

BUILDING A STRIP LIGHT SYSTEM

THERE ARE SIX TYPES OF PARTS NEEDED FOR ANY STRIP LIGHT INSTALLATION.

ONLY TWO ARE ALWAYS NECESSARY.

STRIP LIGHT
Pick your color.
Pick your density.
Measure each run.

EXTRUSION
Does the strip need protection?
Does it need mounting support?
Will the installation be visible?

DIFFUSER
Does the strip need protection?
How do you want it to look?
Are you creating a line of light?
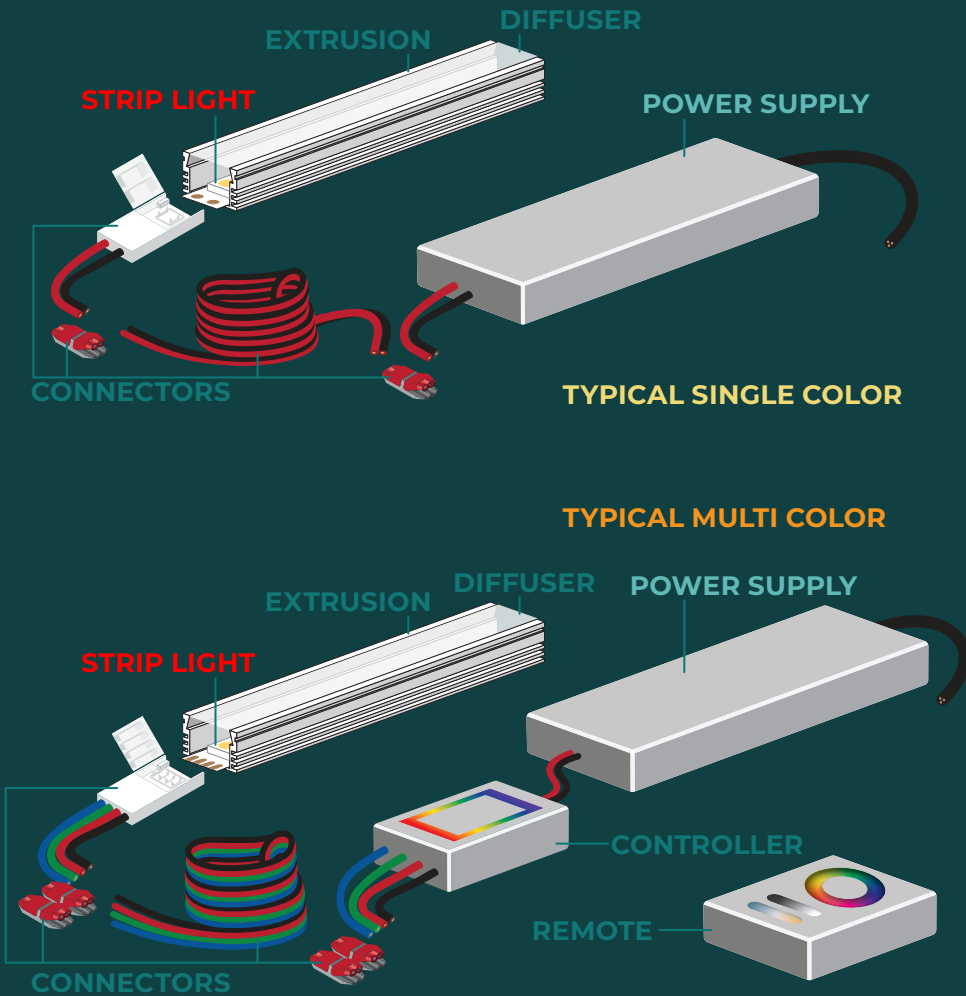
POWER SUPPLY
How many sections will need their own power?
How much power will each section require?
Will the power supply get wet?

CONTROL
Wireless or wired?
How many zones need to be controlled separately?
Full color, color balancing, dimming, or just on and off?

CONNECTORS
Sketch your system.
Count all the connection points.
Measure the distance between connection.

EXTRUSION **DIFFUSER**
STRIP LIGHT
POWER SUPPLY
CONNECTORS
TYPICAL SINGLE COLOR

TYPICAL MULTI COLOR
EXTRUSION **DIFFUSER** **POWER SUPPLY**
STRIP LIGHT
CONTROLLER
REMOTE
CONNECTORS

QUALITY MATTERS

WHEN CHOOSING A STRIP LIGHT YOU CAN RELY UPON FOR YEARS OF BRIGHT AND CONSISTENT PERFORMANCE LOOK TO A RELIABLE SOURCE

ALL STRIPS BACKED BY 5 YEAR WARRANTY
Our knowledgeable staff will work with you to ensure that you have the right materials for your project so it will perform beyond your expectations for years to come.

Whether you're an electrician or DIY-ing it, they have the information you need to make your next project go smoothly.

CUTTABLE AT MARKED LENGTHS
The amount of light a strip produces depends on how many diodes are packed into each linear foot.

Diodes are wired in groups of three (12V) or groups of six (24V), with marks to indicate where the strip can be cut.

Each section can be put to use, so there is no wasted strip.

CONNECTORS CUSTOM DESIGNED FOR EACH STRIP
Faulty connections are the most common reason an LED installation may fail. Soldering may not be appropriate for all spaces or levels of expertise.

The right connector can prevent hours of troubleshooting or maintenance. Making connections that last can be a snap.

ADHESIVE BACKING BY 3M
Plan out your project. Experienced installers cut all their segments to length, make and test their connections prior to final mounting.

Painter's tape can hold strip in place temporarily during the process. Once you're ready to attach your strip to a clean, smooth surface, it's just a matter of peel-and-stick.

EXTRUSIONS DESIGNED FOR ANY APPLICATION
Aluminum extrusions that fit your strip give any project a professional finish and can extend its life.

Extrusions allow strips to be attached to rough or uneven surfaces, or to be used where weather or even physical impact is a concern. Clear silicone is frequently used for added protection.

Our strips score **90+** on the Color Rendering Index (CRI). They offer the fullest range of visible light for true color accuracy.
Each 3040 LED casts **24~26 lumens** and maintains a color consistency between production batches. No color or brightness anomalies here.
They feature premium thickness (**3oz**) copper for enhanced heat dissipation, which leads to longer life.

Our strips are **Certified ETL** - they meet or exceed professional standards.

NUR strip lights may be safely installed by mounting directly to a flat surface or by use of an aluminum extrusion (section starts on page 23). An aluminum extrusion will not short out the strip. To attach directly, peel off the protective backing film to expose the 3M adhesive layer on the strip.

THE SMD 3040/5050 LED STRIP LIGHT SERIES CRAFTED BY NUR

Strips of different densities may be safely operated in series or parallel on the same power supply. Strips may be cut along the marks occurring after every three diodes.

IP68 strips may be safely installed in wet conditions or outdoors.

IP20 strips may be safely installed in wet conditions or outdoors ONLY when sealed with silicone in an appropriate aluminum extrusion.

All strips in this series are dimmable by a low volt controller or a dimmable power supply.

Strips require 12V input. 24V options are also available.

SKU Builder: STP-3040-density_length_color_IP rating   eg. STP-3040-SD-10FT-3500K-IP68
STP-5050-density_length_color_IP rating   eg. STP-5050-HD-32FT-RGBCCT-IP20

Model	Density	Length	Color	IP Rating
STP-3040-	SD	10FT or 15FT	3000°K or 4000°K or 6000°K	IP20 or IP68
		10FT	AMBER or BLUE or GREEN or RED	IP20 or IP68
	HD	10FT or 15FT	3000°K or 4000°K or 6000°K	IP20 or IP68
		10FT	AMBER or BLUE or GREEN or RED	IP20 or IP68
	4HD	8FT	3000°K or 4000°K or 6000°K	IP20

| Model	Density	Length	Color	IP Rating
STP-5050-	SD	10FT or 15FT	RGB	IP20 or IP68
	HD	10FT or 15FT or 32FT	RGB or RGBWW or RGBNW or RGBCW or RGBCCT	IP20 or IP68

Strip lighting illuminates while making any space all your own.

SINGLE COLOR 0.3"

REEL LENGTHS - 10 FEET OR 15 FEET

STRIP WIDTH - 0.3" (8MM)

INPUT VOLTAGE - 12VDC OR 24VDC (36VDC AVAILABLE ONLY BY SPECIAL ORDER)

IP RATINGS - IP 20 (INDOOR) OR IP 68 (OUTDOOR)
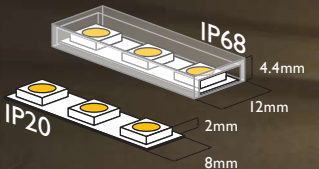
STANDARD DENSITY (SD 2.2) - 2.2 WATTS/FOOT

	3000°K		3500°K		4000°K		6000°K		RED	AMBER	GREEN	BLUE
INDOOR (IP20)	*		*		*		*		*	*	*	*
OUTDOOR (IP68)					*		*		*	*	*	*
	10'	15'	10'	15'	10'	15'	10'	15'	10'	10'	10'	10'

* 12VDC ONLY

16

SINGLE COLOR 0.4"

REEL LENGTHS - 8 FEET OR 10 FEET OR 15 FEET

STRIP WIDTH - 0.4" (10MM)

INPUT VOLTAGE - 12VDC OR 24VDC (36VDC AVAILABLE ONLY BY SPECIAL ORDER)
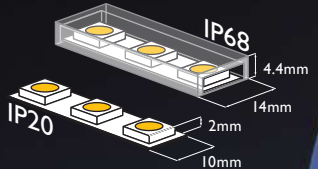
IP RATINGS - IP 20 (INDOOR) OR IP 68 (OUTDOOR)

HIGH DENSITY (HD 4.4) - 4.4 WATTS/FOOT

	3000°K		4000°K		6000°K		RED	AMBER	GREEN	BLUE
INDOOR (IP20)	*		*		*	+	*	*	*	*
OUTDOOR (IP68)	*		*		*	+	*	*	*	*
	10'	15'	10'	15'	10'	15'	10'	10'	10'	10'

* 12VDC ONLY
+ 12VDC OR 24VDC

4X HIGH DENSITY (4HD 6.0) - 6 WATTS/FOOT

12VDC ONLY

	3000°K	4000°K	6000°K
INDOOR (IP20)			
OUTDOOR (IP68)			
	8'	8'	8'

17

COLOR CHANGING 0.4"

IP68
4.4mm
14mm

IP20
2mm
10mm

REEL LENGTHS - 10 FEET OR 15 FEET

STRIP WIDTH - 0.4" (10MM)

INPUT VOLTAGE - 12VDC OR 24VDC (36VDC AVAILABLE ONLY BY SPECIAL ORDER)

IP RATINGS - IP 20 (INDOOR) OR IP 68 (OUTDOOR)

STANDARD DENSITY (SD 2.2) - 2.2 WATTS/FOOT

RGB

INDOOR (IP20)
OUTDOOR (IP68)

10'   15'

HIGH DENSITY (HD 4.4) - 4.4 WATTS/FOOT

CCT   RGB

INDOOR (IP20)   24
OUTDOOR (IP68)

10'   10'   15'   32'   24 = 24VDC ONLY

COLOR CHANGING 0.5"

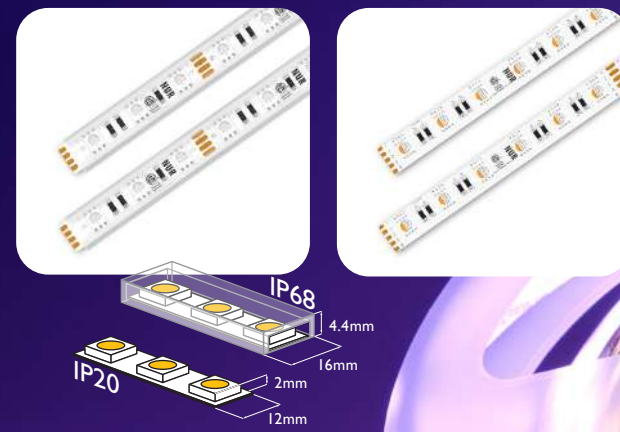**IP68**
4.4mm
16mm

IP20
2mm
12mm

REEL LENGTHS - 10 FEET OR 15 FEET

STRIP WIDTH - 0.5" (12MM)

INPUT VOLTAGE - 12VDC OR 24VDC (36VDC AVAILABLE ONLY BY SPECIAL ORDER)

IP RATINGS - IP 20 (INDOOR) OR IP 68 (OUTDOOR)

HIGH DENSITY (HD 4.4) - 4.4 WATTS/FOOT

	RGBWW		RGBNW		RGBCW		RGBCCT		
INDOOR (IP20)	12	24	12	24	12	24	12	24	24	
OUTDOOR (IP68)							12	24	24	
	10'	15'	10'	15'	10'	15'	10'	15'	32'	

12 = 12VDC ONLY
24 = 24VDC ONLY

24 Volt strip uses the same amount of energy per foot and produces the same amount of light per foot as its 12Volt counterpart.
By using double the amount of low voltage, it experiences half as much voltage drop, yielding longer runs per power supply
and requiring fewer amplifiers to power extra long runs.

12V strip may be safely cut at cut marks occurring after every three diodes.
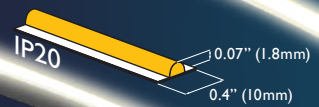24V strip may be safely cut at cut marks occurring after every six diodes.

SD 2.2
IP68

SD 2.2
IP20
4.4mm
12mm
2mm
8mm

HD 4.4
IP68
4HD 6.0
IP20
4.4mm
14mm
2mm
10mm

RGBCB
IP68
RGBXW
IP20
4.4mm
16mm
2mm
12mm

SD 2.2
24V
7.2"

SD 2.2
12V
3.6"

HD 4.4
24V
4"

HD 4.4
12V
2"

4HD 6.0
24V
1"

4HD 6.0
12V
1/2"
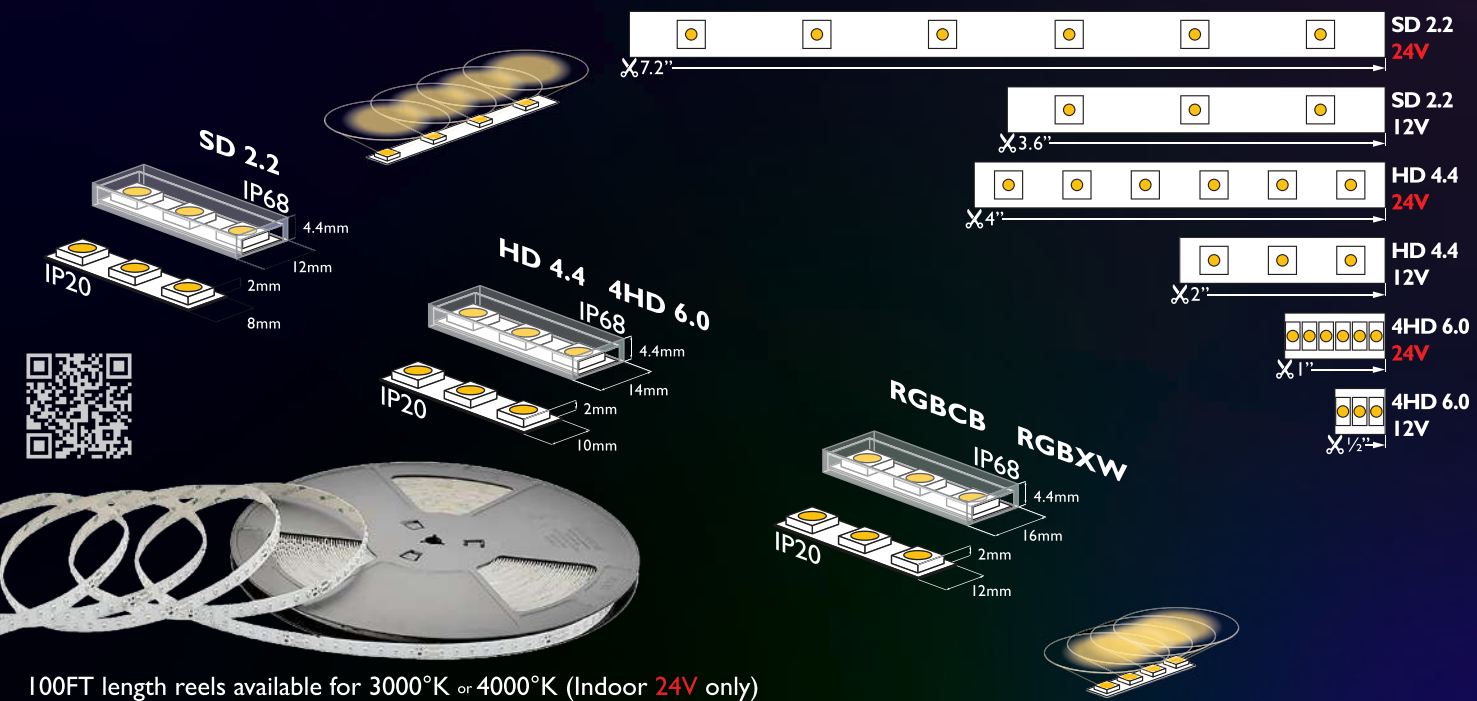
100FT length reels available for 3000°K or 4000°K (Indoor 24V only)

20

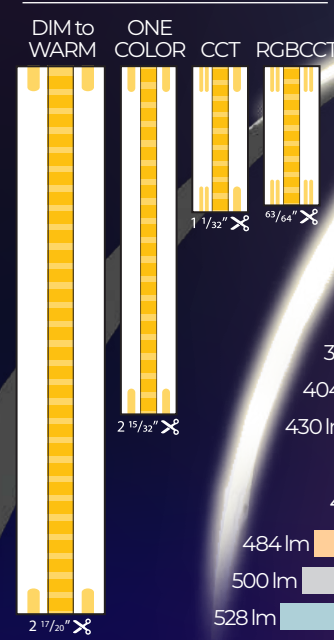
No hotspots. No gaps. Just
a pure seamless line of bright
light, thanks to a densely packed series
of incredibly small chip-on-board diodes.

With a CRI (color rendering index) of 90 and over 370 lumens
per linear foot, this strip is perfect for providing bright
illumination while making a bold statement.

IP20
0.07" (1.8mm)
0.4" (10mm)

SSL Strip Cutting Increments

DIM to WARM | ONE COLOR | CCT | RGBCCT

1 1/32"
63/64"
2 15/32"
2 17/20"

24V input only.

24V +   +24V
NUR. —   — NUR.

3W - LUMENS PER FOOT

382 lm
404 lm
430 lm

4.4W - LUMENS PER FOOT

484 lm
500 lm
528 lm

(approximated)
(approximated)
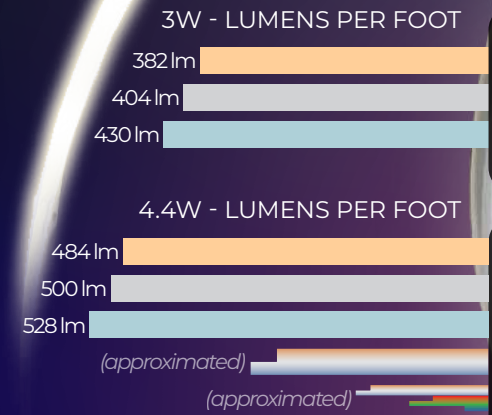
FULL DENSITY (SSL 3.0) - 3 WATTS/FOOT

	3000°K	4000°K	5000°K	RED	AMBER	GREEN	BLUE	RGB
INDOOR (IP20)								
OUTDOOR (IP68)								
	15'	15'	15'	15'	15'	15'	15'	32'

FULL DENSITY (SSL 4.4) - 4.4 WATTS/FOOT

	2700°K	3000°K	3500°K	4000°K	5000°K	DtW	CCT	RGBCCT
INDOOR (IP20)								
	15'	15'	15'	15'	15'	15'	15'	15'

21

FLEX NEON

OPTIONAL MOUNTING CHANNEL

0.94"

0.55"

OPTIONAL MOUNTING TRACK

0.87"

0.49"

CROSS–SECTIONS ACTUAL SIZE

4.4 WATTS/FOOT

INPUT VOLTAGE - 24VDC

RATED IP 68 (FOR OUTDOOR USE)

OUTDOOR (IP68)

3CCT
32'

RGB
32'

DIGITAL STRIP LIGHT

SP105E
Magic Controller
APP Control

WiFi controller | App control | 16 Million color | Brightness adjustable | speed adjustable

Download on the App Store   GET IT ON Google Play
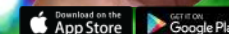
18 LEDS PER FOOT
4.4 WATTS PER FOOT
24VDC INPUT
RATED FOR INDOOR INSTALLATIONS (IP20)
AVAILABLE IN 15 FOOT ROLLS

EACH LED IS CAPABLE OF TRANSMITTING A MIX OF RED, GREEN, BLUE, AND WHITE LIGHT, YIELDING OVER 4 BILLION COLORS

Every third diode in a digital strip light contains an addressable **Integrated Circuit**, so each set of three LEDs can be controlled as an independent unit using a digital control method .

THE STRIP THAT OFFERS ULTIMATE CONTROL

LED SHEET

SHEET SIZE - 1 FOOT X 2 FEET
INPUT VOLTAGE - 24VDC
IP RATING - IP 20 (INDOOR)

Sheets may be cut to fill shapes and spaces with even light that is right where it should be.

Soft standoffs may be attached in marked circles to space sheet from stone or other translucent material.

50W
25 WATTS PER COLOR / SQUARE FOOT
50 WATTS PER COLOR / SHEET

3072 LM > **3240 LM** > **3456 LM** / SHEET
BASED ON COLOR TEMPERATURE SETTING

RATED FOR INDOOR INSTALLATIONS (IP20)

25W
12 WATTS PER COLOR / SQUARE FOOT
25 WATTS PER COLOR / SHEET

1536 LM > **1620 LM** > **1728 LM** / SHEET
BASED ON COLOR TEMPERATURE SETTING

RATED FOR INDOOR INSTALLATIONS (IP20)

	3CCT	RGBCCT	
INDOOR (IP20)	25W	25W	50W

120V - LINE VOLTAGE SERIES

THE 2835-70 SERIES RUNS DIRECTLY ON 120VAC LINE VOLTAGE

NO NEED FOR A SEPARATE POWER SUPPLY

THIS STRIP IS READY TO USE ANYWHERE

MOUNTING TRACK AND HARDWARE AVAILABLE

NON-DIMMABLE

ALSO AVAILABLE IN CUSTOM LENGTHS

RATED FOR OUTDOOR INSTALLATIONS (IP65).

UL-listed with a lifespan of over 20,000 hours, this series features bright, high-efficiency SMD2835 LEDs, protected by constant current IC against spikes in voltage, current, or temperature, and housed in soft PVC designed to resist weather and fire without yellowing over time.
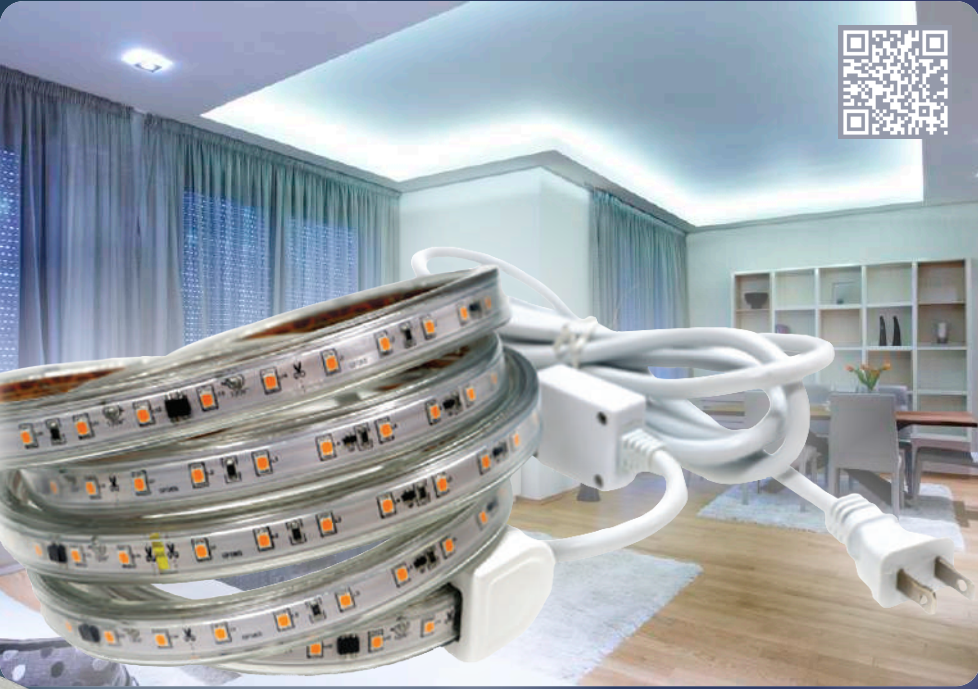
AC LED FLEXIBLE LIGHT STRIP
Ready to plug directly into an outlet for the ultimate flexibility in installation. For use alone or combined with supplemental accessories including aluminum mounting channels.

|	3000°K	4000°K	6000°K
OUTDOOR (IP65)	32'	32'	32'

ALUMINUM EXTRUSIONS

These subtle supports not only hold and protect your strip lights, but the aluminum conducts heat away from the diodes, greatly extending the life of your investment.

The right cover can protect and diffuse your light

STARLINE LINEAR SYSTEM

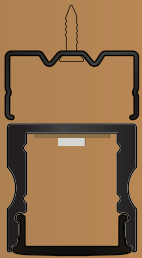*A single strip, up to 75 feet long, suspended in mid-air on a white or black stainless alloy backer. A full 360° range of direction for wall-washing, wayfinding, or overhead illumination.*
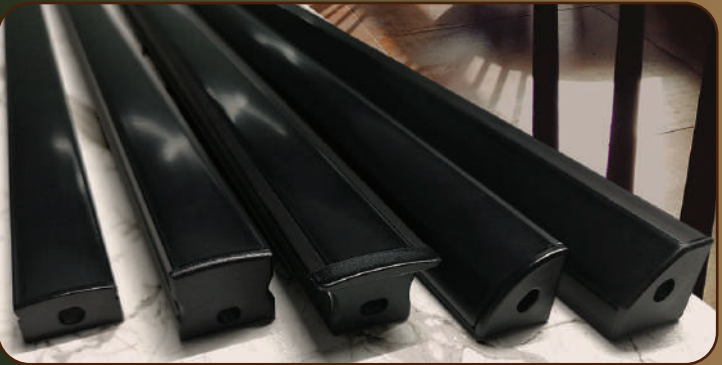
THE BLACK SERIES

Light there when you need it blends in when you don't. Discrete yet effective.

Uni Wide

Uni Slim
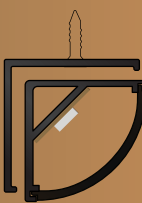
Quarter Round

Corner

Recessed

AVAILABLE IN 6.4 FOOT LENGTHS
ALL CROSS-SECTIONS ACTUAL SIZE

Flat

Quarter Round

Uni Slim
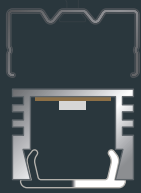
Uni

Uni Wide Slim

Suspended O

Uni Wide
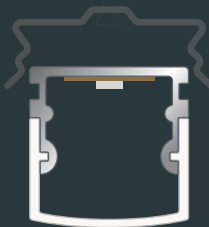
Smooth Square
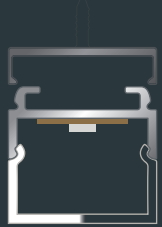
Smooth Track
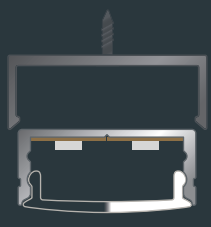
Double Wide Slim
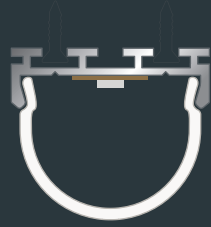
Smooth Round
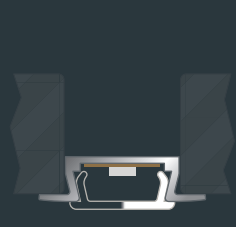
Uni Slim Rec
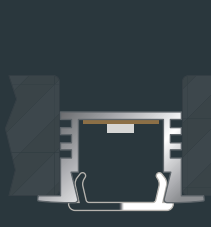
Uni Rec
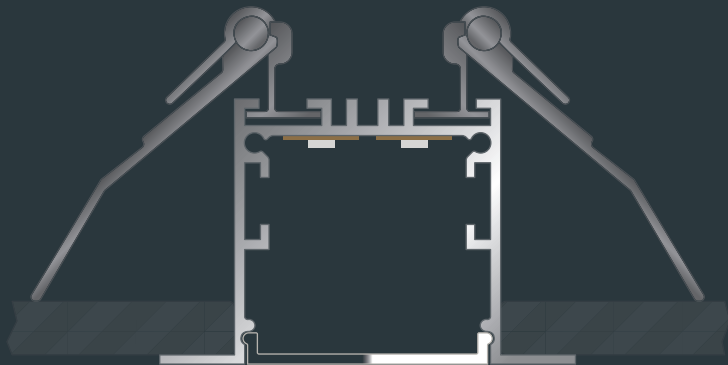
Deep Flange
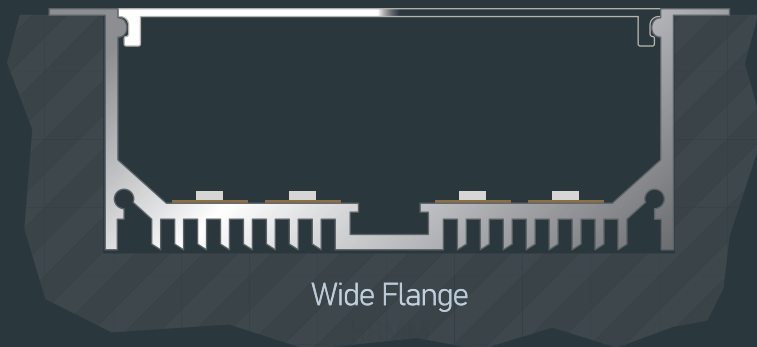
Wide Flange
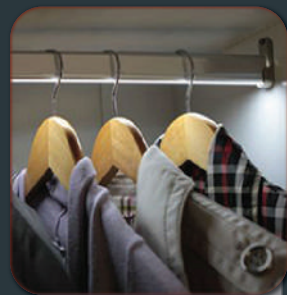
Hanger
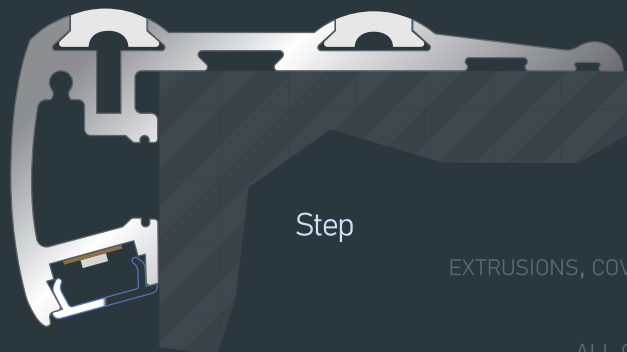
Shelf

Step

Up Down

EXTRUSIONS, COVERS, CAPS, MOUNTS, SCREWS AND STRIPS
ALL SOLD SEPARATELY
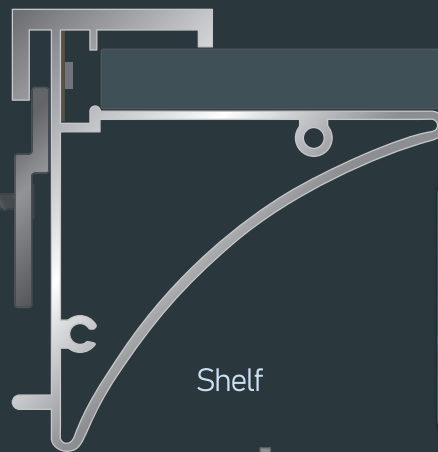
ALL CROSS-SECTIONS ACTUAL SIZE
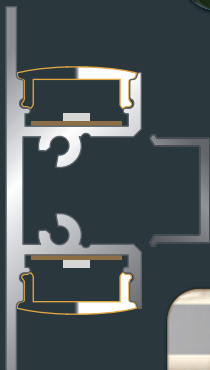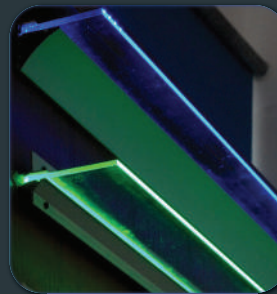
ALL CROSS-SECTIONS ACTUAL SIZE

Inside Corner

Outside Corner

Surface Edge

Recessed Edge

Double Flush

Double Square

Arcing Crown

090
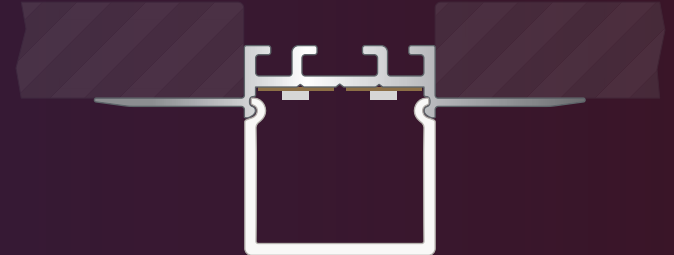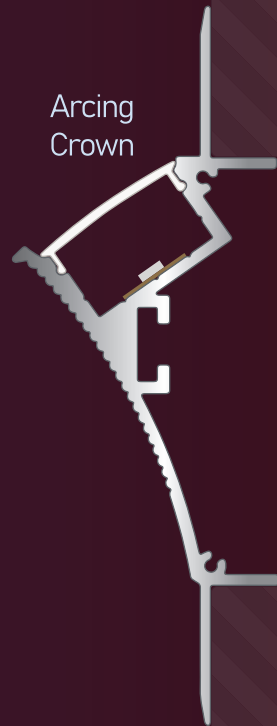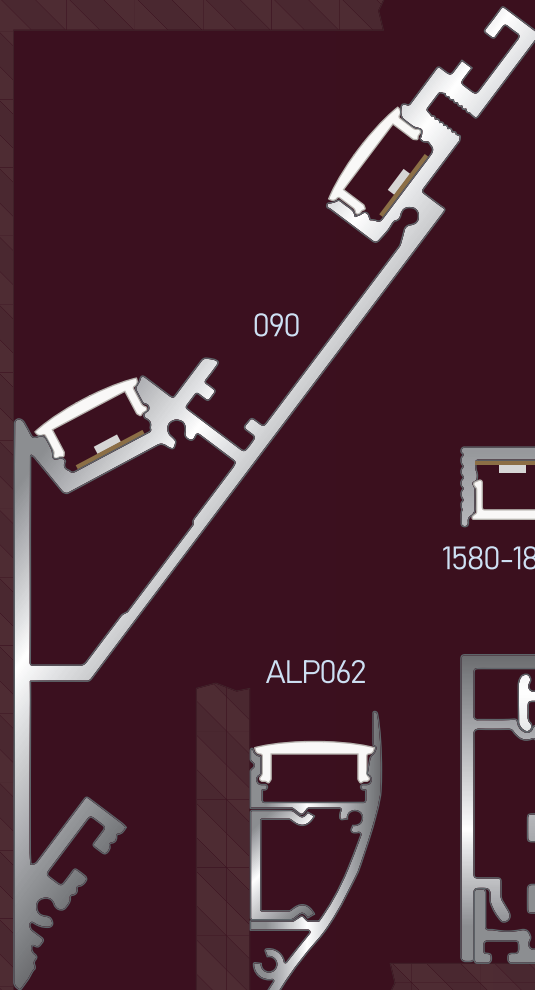
ALP062

1580-18

1580-10

086

082

1806-BEND
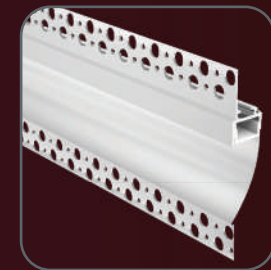
ALL CROSS-SECTIONS ACTUAL SIZE

ALL CROSS-SECTIONS ACTUAL SIZE

STRIP CONNECTORS

For most types of strip lighting there is a wide variety of connectors to use, as an alternative to soldering, to make installation either indoors (ID) or outside (OD) easy and enduring.

2 Pin / 8mm OD

2 Pin / 10mm OD

4 Pin / 10mm OD

2 Pin 8mm OD

2 Pin 10mm OD

4 Pin 10mm OD

5 Pin / 12mm ID

4 Pin / 10mm ID

4 Pin / SSL ID

2 Pin / 8mm ID
2 Pin / 10mm ID

6 Pin / 14mm ID

2 Pin / SSL ID

3 Pin / 10mm ID

3 Pin / SSL ID
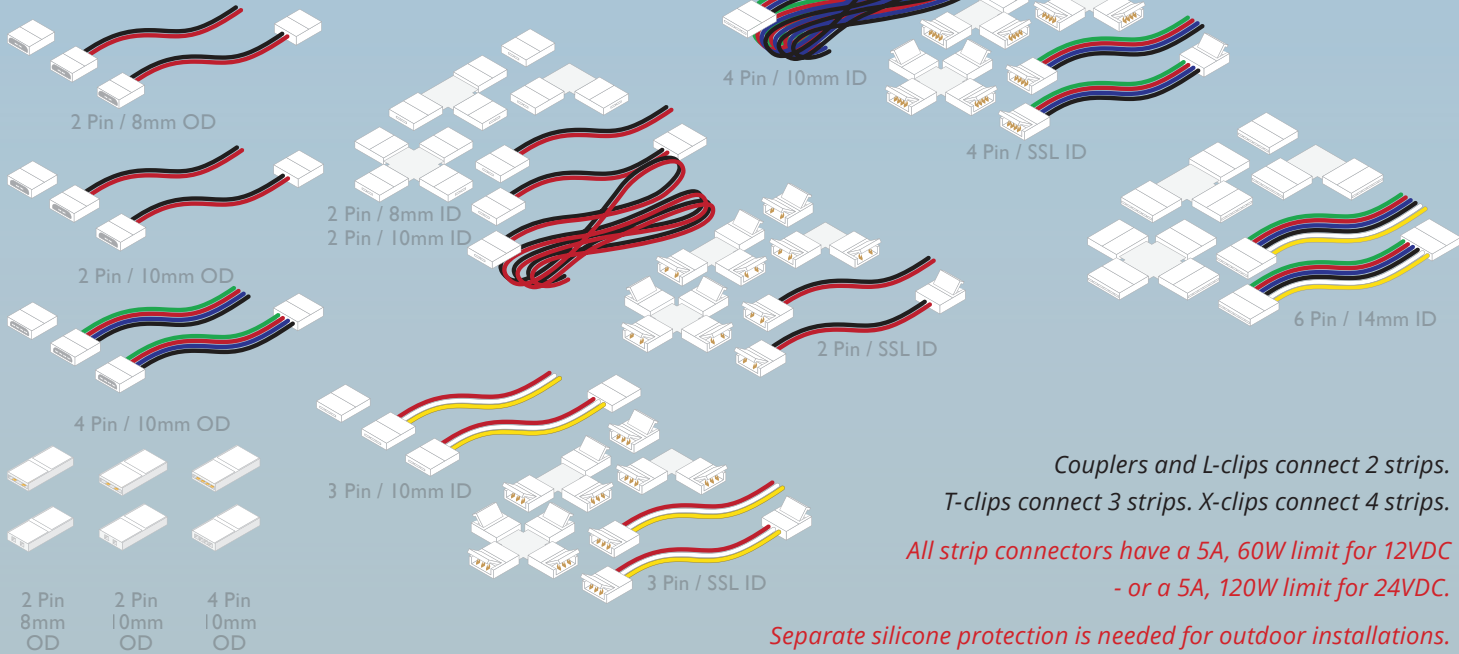
Couplers and L-clips connect 2 strips.
T-clips connect 3 strips. X-clips connect 4 strips.

All strip connectors have a 5A, 60W limit for 12VDC
- or a 5A, 120W limit for 24VDC.

Separate silicone protection is needed for outdoor installations.

Couplers *directly join the ends of two strips. This is known as an end-to-end splice.*

Indoor connectors clamp on to the end of a strip and clip into place. They do not offer protection from moisture.

Outdoor connectors bite into the protective jacket at the end of a strip and press the seal closed.
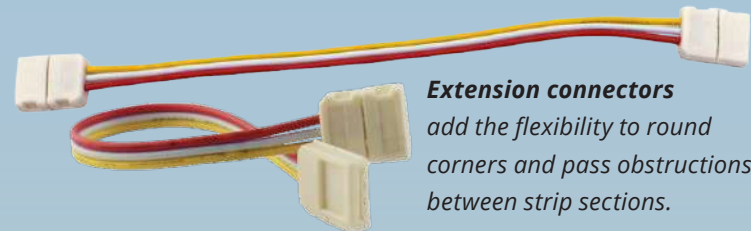
Extension connectors *add the flexibility to round corners and pass obstructions between strip sections.*
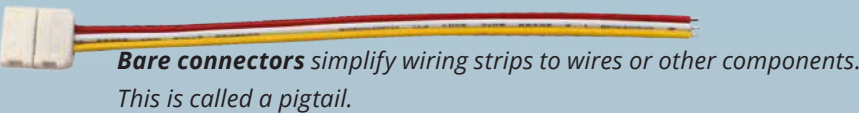
Bare connectors *simplify wiring strips to wires or other components. This is called a pigtail.*

The number of pins in a connector corresponds directly to the number of contacts on the strip for which it is designed.

2 Pin	3 Pin	4 Pin	5 Pin	6 Pin
Single color	Color balance	RGB	RGBW	RGBCB
Positive	Positive	Positive	Positive	Positive
Negative	Cool White	Red	Red	Red
	Warm White	Green	Green	Green
		Blue	Blue	Blue
			White	Cool White
				Warm White

WIRE

Reliable and intuitive stranded wire designed specifically for making low-voltage multi-channel connections.

BARE WIRE COLLECTION
CONN-XPIN-BARE-XXAWG-ID

FOR INDOOR USE ONLY

2- 4- 5- AND 6-WIRE
MULTI-STRANDED
COLOR CODED

25-FOOT LENGTHS
18 AWG
RATED TO 10A

6-WIRE

5-WIRE

2-WIRE

4-WIRE

4-WIRE

2-WIRE
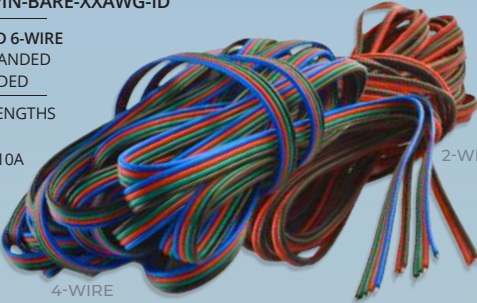
WATERPROOF CONNECTORS

IP68 CONNECTOR COLLECTION
CONN-OD-XPIN-BARE

2- 3- 4- 5- AND 6-PIN
7.87" LENGTHS

22 AWG
RATED TO 2.4A

LOW VOLTAGE CONNECTORS

For any type of low voltage light there is a wide variety of connectors to use, as an alternative to soldering, to make indoor installation easy and enduring.
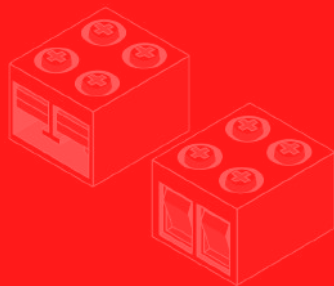
SAFE WIRE SERIES
SW-CONN-LHX OR SW-CONN-LTX

Establish reliable and secure connections without stripping wires.

FOR AWG 24-18
RATED TO 300V

AVAILABLE IN 1- AND 2-WIRE
T-TAP (T) OR BUTT SPLICE (H)

WAGO 221 SERIES LEVER-NUTS
CONN-WAGO-221-41X (2 OR 3)

Connect any combination of solid, stranded, and flexible copper wires quickly and reliably.

FOR AWG 24-12
RATED TO 600V

AVAILABLE IN 2- AND 3-WIRE
FOR TEMP OR PERM INSTALLATION
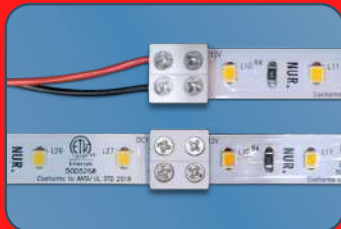
TERMINAL BLOCK
CONN-HVY-TERMINAL-2

Securely connect tape-to-tape or tape-to-wire. Easy to tighten, easy to remove and reuse.

FOR AWG 20-16
MAX VOLTAGE 24V

AVAILABLE IN 2-WIRE
FOR TEMP OR PERM INSTALLATION
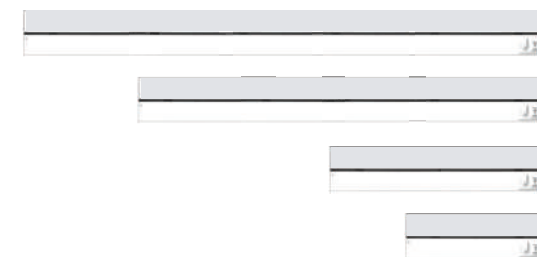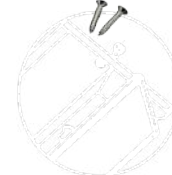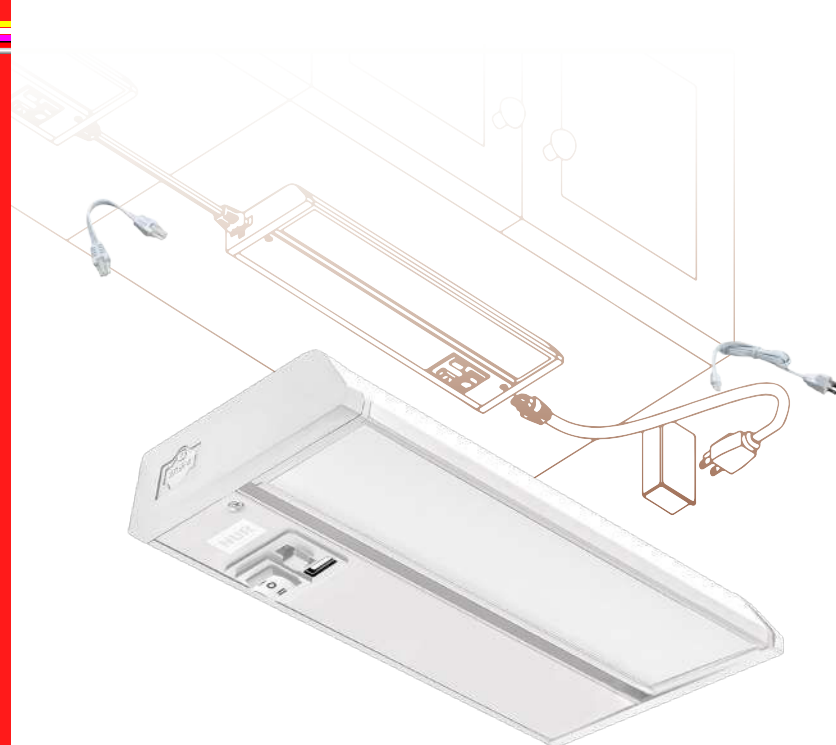
AC DIRECT WIRE COMPONENTS

180° 3-WAY SENSOR SWITCH

Passive Infrared (PIR) Vacancy Sensor

0 ~ 600W @ 120 VAC
180° 12' ~ 30' SENSOR RANGE

Adjustable triggered ON duration
of 1 ~ 30 minutes.
Integrated nightlight

0-10 VDC DIMMER

Minimum brightness adjustable
INPUT 6A, 120 VAC @ 50~60HZ
OUTPUT 12-15 VDC

For contemporary 0-10 volt
compatible LED drivers,
fluorescent and HID ballasts.

Available in White or Light Almond

PHASE DIMMER

Minimum brightness adjustable
INPUT 6A, 120 VAC @ 50~60HZ
OUTPUT 12-15 VDC

For legacy TRIAC and ELV fixtures.
Available rated for 150W or 300W

Available in White or Light Almond

GFCI OUTLET

Tamper resistant - NEC compliant
20A, 125 VAC RECEPTACLE RATING

For kitchen, bath, or outdoor circuits.

Available in White or Light Almond

DUAL USB DUPLEX OUTLET

Tamper resistant - NEC compliant
20A, 125 VAC RECEPTACLE RATING
3.1A, 5 VDC USB CHARGING CAPACITY

Smart Charging Chip optimizes
current to maximize charging speed

Available in White or Light Almond

DECOR OUTLET

Tamper resistant - NEC compliant
20A, 125 VAC RECEPTACLE RATING

For indoor circuits.

Available in White or Light Almond

SCREWLESS DECOR PLATES

Hidden screws for a clean look
Available in White or Almond

1 GANG

2 GANG

3 GANG

4 GANG

WALL-MOUNTED RF CONTROLLERS

DIAL-DRIVEN AND TOUCH-SENSITIVE ARE ALL PROTECTED BY CRYSTAL CLEAR, DURABLE STALINITE GLASS

ALL MOUNT DIRECTLY INTO A STANDARD SINGLE-GANG JUNCTION BOX

DIAL-DRIVEN CONTROLLERS ARE FULLY WIRELESS, POWERED BY A TYPICAL COIN BATTERY (CR2032)

TOUCH-SENSITIVE CONTROLLER IS POWERED BY A LOW-VOLTAGE FEED (12-24 VDC)

SINGLE COLOR

0.1% ~ 100% dimming range

Spin the dial to control light intensity

Click to switch on or off

COLOR BALANCE

Spin the dial to choose color temperature between warm and cool white

Double-click for brightness control, and again for color balance control

Click to switch on or off

RGB

Spin the dial to select a color

Double-click to switch to brightness control
Double-click again to go back to RGB control

Click to switch on or off

RGBW

Quick corner hotspots for instant red, green, blue or white light

Touch wheel mixing of over 16 million colors

White light separately tuneable from warm to cool

Set 3 custom colors for instant access

These controllers are rated for indoor use only (IP20).

HANDHELD RF CONTROLLERS

AUDIO DRIVEN

12-24VDC input
140W output capability

Adjustable sound level sensitivity

Input via built-in microphone or auxiliary audio-in jack

9 static modes
3 dynamic modes
3 music modes

Let the music take control.

SIMPLE AND DIRECT CONTROL OF RGB STRIP LIGHTS IS IN YOUR HAND

EACH DEDICATED REMOTE IS NOT MUCH BIGGER THAN A CREDIT CARD

EACH REMOTE IS POWERED BY A STANDARD COIN BATTERY

44-KEY RGB

12-24VDC input
240W output capability

Save up to 6 DIY custom color presets or use one of 20 predefined colors

6 modes with customizable speed settings

20-KEY RGB

12-24VDC input
240W output capability

6 modes with customizable speed settings

These remotes and controllers are rated for indoor use only (IP20).

LOW VOLTAGE RF RECEIVER

12-36 VDC input
240-720W output

4 channel output
5 Amp per channel max output

Universal output can control single color,
color balance, RGB, and RGB CB lights.

Each receiver can be paired with up to
8 different remotes at one time.

Built-in Learning Key makes pairing quick and easy.

Outdoor rated version (IP67) available by special order.

Rated for indoor use only (IP20).

Compatible with any wall-mounted remote shown on page 38.

Amplifiers can eliminate voltage drop that results in flickering or dimmed output toward the end of a run.

One amplifier after each 100 Watts of light load
can boost the signal from a single controller
to another 100 Watts' worth of lights.

4 Amp max output load per channel

12-24 VDC input
3 channel output

12-24 VDC input
4 channel output

LOW VOLTAGE AMPLIFIER

Rated for indoor use only (IP20).

Rated for indoor use only (IP20).

WORKS WITH
alexa

works with the
Google Assistant

See compatible fixtures in the WiFi section
starting on page 66.

WIFI CONTROLLER BRIDGE

The ORA Box2 bridges communications from anywhere in the world.
It connects to a dedicated ORA iOS or Android app via your existing wireless
network, and rebroadcasts commands via an RF signal to your lights.

With the WiFi bridge,
your phone is the remote.

Fits anywhere
Half an inch thick
Weighs just over an ounce

Powered by a standard mini-USB connection
Heat and cold resistant polycarbonate casing

2.4GHz WiFi connection to your local network

Rated for indoor use only (IP20).

Download on the App Store

GET IT ON Google Play

MUSIC-DRIVEN CONTROLLERS

LET THE RHYTHM MOVE YOU

Control lights via audio with an ORA remote
or through the ORA or TUYA apps for iOS and Android.

Each controller contains a built-in signal repeater that
relays commands it receives up to 98' away,
making it possible to cover tremendous distances
with no additional equipment.

RGB, RGBW, RGBCCT

Controllers can transmit via WiFi, Bluetooth, or 2.4G
to control dimming, scene and group control,
music and rhythm control, sleep/wake timers,
device linking and other automation.

Download the Smart App

ORA   **TUYA**

5-IN-1 DIMMABLE LED DRIVER

AVAILABLE IN 10W, 20W

0-100% DIMMING RANGE
SMOOTH AND FLICKER-FREE

COMPATIBLE WITH:
**TRIAC PHASE/REVERSE PHASE
0-10V
1-10V
POTENTIOMETER
10V PVM**

8 ADJUSTABLE CONFIGURATIONS
VIA DIP SWITCH SETTINGS

FULL METAL CASE SUITED FOR
DRY OR DAMP LOCATIONS

SKU	PWR-DIP-10W								PWR-DIP-20W							
Rated Current	450mA	400mA	350mA	300mA	250mA	200mA	150mA	100mA	700mA	600mA	550mA	500mA	450mA	400mA	350mA	250mA
DC Voltage	3-22V	3-25V	3-29V	3-33V	3-40V	3-42V	3-42V	3-42V	3-29V	3-33V	3-36V	3-40V	3-42V	3-42V	3-42V	3-42V
Rated Power	10W	10W	10W	10W	10W	8.4W	6.3W	4.2W	20.3W	19.8W	19.8W	20W	18.9W	16.8W	14.7W	10.5W

SPI DIGITAL CONTROLLERS

Serial Peripheral Interface controllers work with digital strip lighting to create complex effects, including chasing.

Use an app on your phone via Bluetooth to directly control digital LED strips or panels or to set up audio-driven input.

DIRECT CONTROL

AUDIO DRIVEN
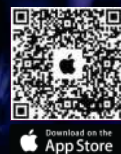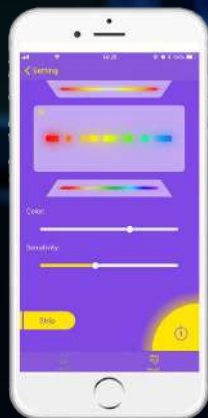
DMX DECODERS

Digital Multiplex Signal decoders translate communications from a DMX master console into signals that directly control individual lights or fixtures.

3- 4- or 5-channel output
DMX512 signal I/O
3-pin M&F XLR terminal
2x RJ45 ports
Digital display to directly show, set and confirm
    DMX addresses

12-24VDC input
8A / channel output supports 5x 96-192W
Constant voltage

Output PWM frequency 500Hz ~ 30KHz
Output dimming curve y value 0.1 ~ 9.9

BLUETOOTH CONTROLLERS

SENSOR READY FIXTURE CONTROLLER

Smart phone app control of wired luminaires
0-10V Single/Dual output
3A relay control

LOW VOLTAGE DAY HARVEST / PIR SENSOR

12VDC input
Up to 50 foot sensor range
IP66 waterproof
Up to 200 foot transmit range
Available mounting recess adapter

LINE VOLTAGE SCENE CONTROLLER

Ideal retrofit solution
4-scene control
Up to 100 foot transmit range

DAYLIGHT HARVEST / PIR SENSOR

Up to 40 foot sensor range without false triggers
4-pin design for color-tuning
IP66 waterproof
Up to 200 foot transmit range

5-KEY BATTERY POWERED REMOTE SWITCH

CR2032 battery can last over 3 years.
3-scene control
Up to 100 foot transmit range

WIRELESS 0~10V CONTROLLERS
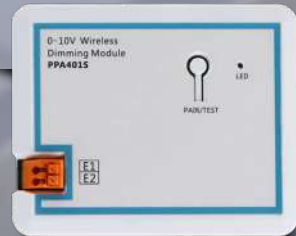
0~10V DIMMING POWER PACK

Receives RF input from
up to 5 sensors
up to 100ft away

Sets dimming levels for
up to 1500W of lights

DAYLIGHT HARVEST SENSOR

0 ~ 1000 Lux sensitivity range
Custom calibration capable
Wireless for easy positioning

WIRELESS PIR SENSOR

120° field of view
12 ~ 60 foot range
Adjustable sensitivity
Adjustable dimming
Adjustable timeout

WIRED 0~10V DIMMER

Pulse width modulation dimmer

Push on/off
Adjustable dimming
12 ~ 24VDC input
12 ~ 24VDC output
48W @ 12VDC load
96W @ 24VDC load

TIMERS OR SINGLE DIMMERS DON'T RESPOND TO CHANGING CONDITIONS

Most automated lighting systems rely on timers that are non-responsive.
They use the same amount of energy and cast the same amount of light
no matter what other light is affecting the area.

When it rains, when there are clouds, when the sun is low - light levels can be too dark.
When the sun is at its strongest, the combination can create intense glare that is way too bright.

Daylight Harvesting uses the free available light from windows and skylights,
and adds just enough light to keep rooms at the brightness you want -
not too dim, not too bright. Just right.

WIRELESS WALL MOUNT CONTROL DIMMER

Slim form mounts behind a standard
fashion-style switchplate.

Wireless RF control means it can be
mounted anywhere with no need for
special junction boxes or wiring.

DAYLIGHT HARVESTING SENSORS AND DIMMING POWER PACKS BALANCE EFFECTIVE LIGHT AND SAVE ENERGY

CABINET SWITCHES

CONTROL IN-CABINET LIGHTING AUTOMATICALLY
TURNS LIGHT ON WHEN DOOR IS OPENED...
TURNS LIGHT OFF WHEN DOOR IS CLOSED

AVAILABLE IN BLACK OR WHITE

RATED UP TO 2A @ 250 VAC
FOR LOW-VOLT OR LINE VOLT USE

ULTRA MINI PUCKS

cap: ø 1/2" OD
0.067" thin

13/16" total
length

ø 5/8" hole cutout

WHITE   BRUSHED CHROME   BLACK

POWER: 12VDC

LIGHT: 80 LM

WARM WHITE   NATURAL WHITE   COOL WHITE

ULTRA MINI PUCK LIGHTS USE ULTRA LOW POWER
- ONLY HALF A WATT PER PUCK - TO TASTEFULLY
ENHANCE ANY INDOOR ENVIRONMENT

PUCK LIGHTS

MINI PUCK LIGHTS ARE FULLY SEALED FOR YEARS OF OUTDOOR USE WITH A WIDE RANGE OF STYLES AND FINISHES TO FIT ANY DECOR INDOORS OR OUT

ø 1.05" OD

MINI PUCK

+

TRIM

ø 1.57" OD

| LIGHT: | 1W | 45° Beam |
| | 2W | 30° Beam |

0.7W 120° Beam

| WARM WHITE | NATURAL WHITE | COOL WHITE |

RGB

FINISHES:

MATERIALS:

METAL   POLYCARBONATE

COPPER   BRUSHED NICKEL

BLACK   WHITE

+

SCOOP
optional

12VDC

SLIM PUCK LIGHT

Rings snap on magnetically making them adaptable to changing designs and giving them a smooth finish with no visible screws.

For indoor use only.

110° Beam

0.09" thin trim

0.28" thin base

ø 2.95" OD

2.2W

| WARM WHITE | NATURAL WHITE | COOL WHITE |

MIX AND MATCH TO COMPLEMENT ANY DESIGN

GU10

MR16

AVAILABLE SOCKETS FOR DIRECT WIRING SUPPORT GU10 AND MR16 BASE BULBS AND ARE RATED FOR LINE VOLTAGE IN INDOOR USE

HOLDS AND DIRECTS MR16 OR GU10 BULBS (SOLD SEPARATELY) AVAILABLE IN BLACK OR WHITE

MINI GIMBAL

SLIM LINE SURFACE MOUNT

3000°K, 4000°K, and 5000°K switchable

Color selector switches

120

120

Slim Mini Panel Lights are just a half inch thin.

They mount directly over traditional junction boxes.

Fully sealed, they are rated for damp environments such as kitchens and bathrooms. Each runs on standard 120 VAC power.

Choose between warm, natural or cool white with the flip of a switch.

Customize their look with Chrome or Black trim that magnetically snaps to cover the standard white bezel.

120 = 120VAC ONLY

TRIAC
Dimmable   3CCT

120

ø 5"
9 Watts
740 Lumens

120

ø 7"
12 Watts
960 Lumens

120

12" x 12"
24 Watts
1920 Lumens

52

SLIM LINE SERIES

Available in 3000°K, 4000°K, and 6000°K

8" 1260 LM   12

12

6" 730 LM

4" 320 LM

12

10" 1400 LM

12

Barely as thick as the drywall that supports them, they illuminate locations that standard cans just won't fit.

Both the Slim Line Round and Slim Line Square series are available in 4"(6W), 6"(12W), 8"(15W) and 10"(18W) sizes.

All are just a half inch thick, fully sealed and rated for damp environments.

Uses 12V DC current, comes with its own pluggable connector and features spring clips for simple installation.

Requires a low-voltage DC feed - does not use AC power.

12   12

4" 320 LM   12

6" 730 LM   10" 1400 LM

12   8" 1260 LM

**12 = 12VDC ONLY
120 = 120VAC ONLY**

ULTRA SLIM ROUND PANEL LIGHT

120

Integrated J-box
100~120VAC input

Available in 3" (451-512 lm)
or 4" (562-644 lm)
or 6" (936-1041 lm)

Color temperature selectable:
2700°K / 3000°K / 3500°K /
4000°K / 5000°K

Damp rated
Suitable for insulated
ceiling applications

53

NOSTALGIA SERIES

CASTING A DEEP 2000°K WARM WHITE LIGHT, THESE LED LUMINAIRES PAY STYLISH HOMAGE TO THE ORIGINAL EDISON BULBS

G95

T45

G80

ST64

Standard E26 base
120 VAC input

3.5 Watts
120 Lumens

54

1W / 90LM PER S14 BULB
1 BULB ON A 3" DROP EVERY 3 FEET
120VAC INPUT

8 BULBS PER 24FT STRING
16 BULBS PER 48FT STRING

PERFECT FOR SUMMER FESTIVITIES
  AND YEAR-ROUND ACCENT ILLUMINATION

OUTDOOR RATED FOR ALL TYPES OF WEATHER

WARM
WHITE

24' 48'

FESTOON LIGHTS

55

SECURITY LIGHTS

BODY FINISH:

BRONZE   WHITE

LIGHT COLOR:

3000°K   6000°K
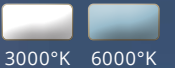
POWER: 10W / HEAD
INPUT: 90~135VAC
LIGHT: 1000 LUMENS / HEAD
BEAM: 100° / HEAD

180°

120°

RATED FOR WET
LOCATIONS

NON-DIMMABLE

SENSOR: PIR MOTION
             PHOTOCELL

EACH HEAD FITS A STANDARD J-BOX KNOCKOUT
AND CAN BE USED AS A BULLET LIGHT IN
LINE VOLTAGE LANDSCAPE DESIGN

2 HEADS
20W
2000 LUMENS

1 HEAD
10W
1000 LUMENS

3 HEADS
30W
3000 LUMENS

SAMPLE CONFIGURATIONS

HEAD, SENSOR, AND BASE PLATE
EACH SOLD SEPARATELY

STEP LIGHTS

STEP LIGHTS ARE ETL LISTED AND OUTDOOR RATED

AVAILABLE IN HORIZONTAL OR VERTICAL ORIENTATIONS

CHOOSE FROM RECESSED, FLAT OR LOUVERED TRIM

2W LIGHT ENGINE IS DESIGNED TO FIT A STANDARD SINGLE-GANG J-BOX

12VDC INPUT ONLY

185 LUMEN OUTPUT

New Contemporary Screwless Design

LIGHT:
- WARM WHITE
- NATURAL WHITE
- COOL WHITE
- RGB

FINISH:
- OIL-RUBBED BRONZE
- BRUSHED NICKEL
- BLACK
- WHITE

58

WEATHERPROOF MODULES

RUGGED AND READY FOR BOATING, AUTOMOTIVE AND OTHER EXTREME ENVIRONMENTS

12VDC INPUT

DIMMABLE

STANDARD

5600°K | RED | AMBER | GREEN | BLUE | RGB | DIGITAL
20 MODULES / 12FT / 22W / PACK

MINI

2700°K | 4000°K | 6500°K
20 MODULES / 50" / 6W / PACK

SPOTLIGHT
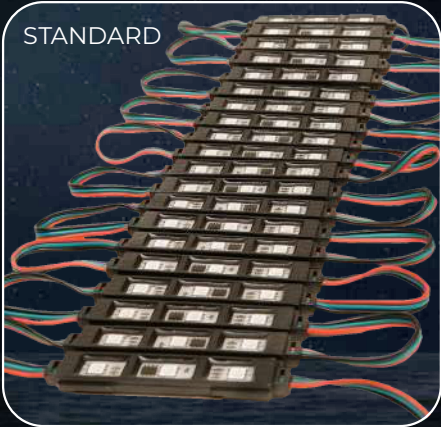
3000°K | 6000°K
9 MODULES / 38° BEAM / 27W

STANDARD
SPOTLIGHT
MINI

Do not submerge more than 3ft or longer than 30 minutes.

59

UP LIGHTS by **Naturelit** PATH LIGHTS

Accent architectural features or define new spaces in the great outdoors.

MR11 bulb ready
9~17 VAC/VDC

MR16 bulb ready
9~17 VAC/VDC

Machined solid brass cast

Adjustable aim knuckle
Fits 1/2" MBT in standard knockout
270° vertical tilt / 360° horizontal rotation

High-temp silicone O-ring for a watertight seal

6W
12 VDC

Durable die cast aluminum
Black powder coat finish

Adjustable aim knuckle
Fits 1/2" MBT in standard knockout or on
included mounting stake

Integrated COB LED
IP65 wet-weather rated
ETL Listed and RoHS Compliant

490 Lumen output
90° beam angle

PAR38 bulb ready
120 VAC

Machined solid brass cast

Adjustable aim knuckle
Fits 1/2" MBT in standard knockout

UL Listed. Rated for wet locations

Dark Bronze
or
Antique Verdigris

Available in 3000°K and 6000°K

Naturelit PATH LIGHTS

Solid brass body
Reflective powdercoat shroud interior
Machined brass collar

Shock-resistant frosted glass lens

G4 bulb ready
9~17V
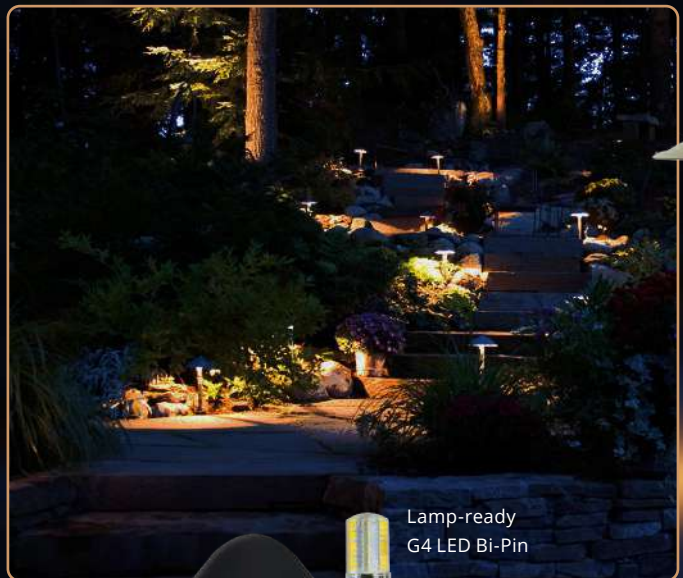
Lamp-ready
G4 LED Bi-Pin

Durable die cast aluminum
Black powder coat finish

Replaceable silicone-protected LED
IP67 wet-weather rated
ETL Listed

200 Lumen output
12 VDC
5W

Solid brass body
Shock-resistant frosted glass lens

G4 bulb ready
9~17V

FLOODLIGHTS

PAR36 bulb ready
9~17 V

Machined from solid brass casting
Enclosed, water-resistant wireway

Machined brass knuckle
270° vertical tilt / 360° horizontal rotation
Solid brass adjustable thumb screw
Shock-resistant frosted glass lens
High-temp silicone gasket for a watertight seal

INGROUND

MR16 bulb ready
9~17 VAC/VDC

Solid cast brass
Corrosion-resistant non-metallic canister
Watertight wire cavity

Adjustable lamp gimbal
Shock-resistant frosted glass lens
Multiple sealed lens options
High-temp silicone O-ring for a watertight seal

UNDERWATER

MR16 bulb ready
9~17 VAC/VDC

Machined from solid brass casting
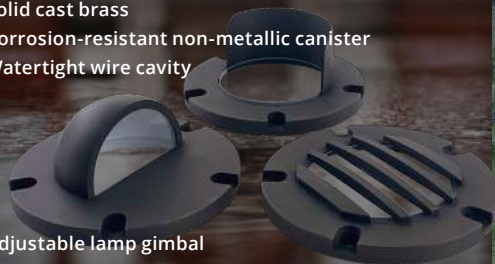Flat shroud with stainless steel screws
Accepts one additional lens/hex cell accessory
Watertight wire cavity

Adjustable lamp gimbal
Shock-resistant frosted glass lens
High-temp silicone O-ring for a watertight seal

BULBS

2.5W MR11
170 LUMENS
38° BEAM

1.5W G4
170-200 LUMENS
360° BEAM

17W PAR36
1300 LUMENS
38° BEAM

4W RGB CCT MR16
280 LUMENS
25° BEAM

5W GLASS MR16
400 LUMENS
36° BEAM

7W MR16
610 LUMENS
15° BEAM

10W RGB CCT PAR38
900 LUMENS
36° BEAM

20W PAR38
1700 LUMENS
30° BEAM

ACCESSORIES

HEX LOUVER
LENS FILTER

BRASS
ELBOW

BRASS TREE
MOUNT

BRASS
T-CONNECT

BRASS
LOCKNUT

BRASS
COUPLER

PLASTIC STAKE

BRASS
RISERS

OUTDOOR
WIRE NUTS

SEALED
UNDERGROUND
J-BOXES

waterproof
I, T, X profiles
24A 450VAC rated

TRANSFORMERS

Outdoor-rated transformers designed to safely reduce standard 120VAC current to the 12~15VAC current used by many landscape lights and fixtures.

Series Features

Quick Mount Bracket

Sealed, Removable / Lockable Hinged Door

Pre-scored Knockout Holes on Side and Bottom Panels

Tool-less Removable Bottom Panel

Fully Encapsulated Toroid Core

304 Stainless Steel Construction

6 Foot Power Cord

Lifetime Warranty

ETL Listed

Note: These transformers **do not convert to DC current**, and are not meant as a substitute for the 12VDC power supplies used for strip lights and other products.

Please confirm power requirements prior to selection and use.

75W
8.5 AMP BREAKER

TRANSFORMER BOX DIMENSIONS
4.5" X 4.5 " X 6.9"

BUILT-IN TIMER

Tool-less Removable Bottom Panel

150W
13 AMP BREAKER

TRANSFORMER BOX DIMENSIONS
5.6" X 5.4 " X 11.6"

300W
25 AMP BREAKER

TRANSFORMER BOX DIMENSIONS
6.0" X 6.0 " X 12.8"

Timer Control

ANALOG TIMER

WIRELESS SMART SWITCH

ACCESSORIES

Daylight Control

PHOTOCELL

ORA GARDEN LIGHTS

Every light in this series comes with a built-in control relay that not only responds to commands from an ORA remote or smartphone app, it repeats that signal to other lights up to 100' away and synchronizes with their response. Full RGB-mixed color and white temperatures adjustable between 2700°K and 6500°K in a rugged all-weather housing give full control of the colors in any outdoor environment.

25° beam angles
30'+ illumination range

AVAILABLE FOR 24VDC IN 9W

AVAILABLE FOR 120VAC IN 6W, 9W, 15W, 50W, AND 100W

160° beam angle
0.1% dimming precision
High CRI Philips chips

Integral heat sink for longer life
Designed, sealed, and rated
for wet outdoor environments

AVAILABLE FOR 120VAC
IN 10W, 30W, 50W AND 100W

Wirelessly control all lights in this series with an ORA remote or through the ORA app for iOS and Android.

Each light contains a built-in signal repeater that relays commands it receives up to 100' away, making it possible to cover tremendous distances with no additional equipment.

ORA FLOOD LIGHTS
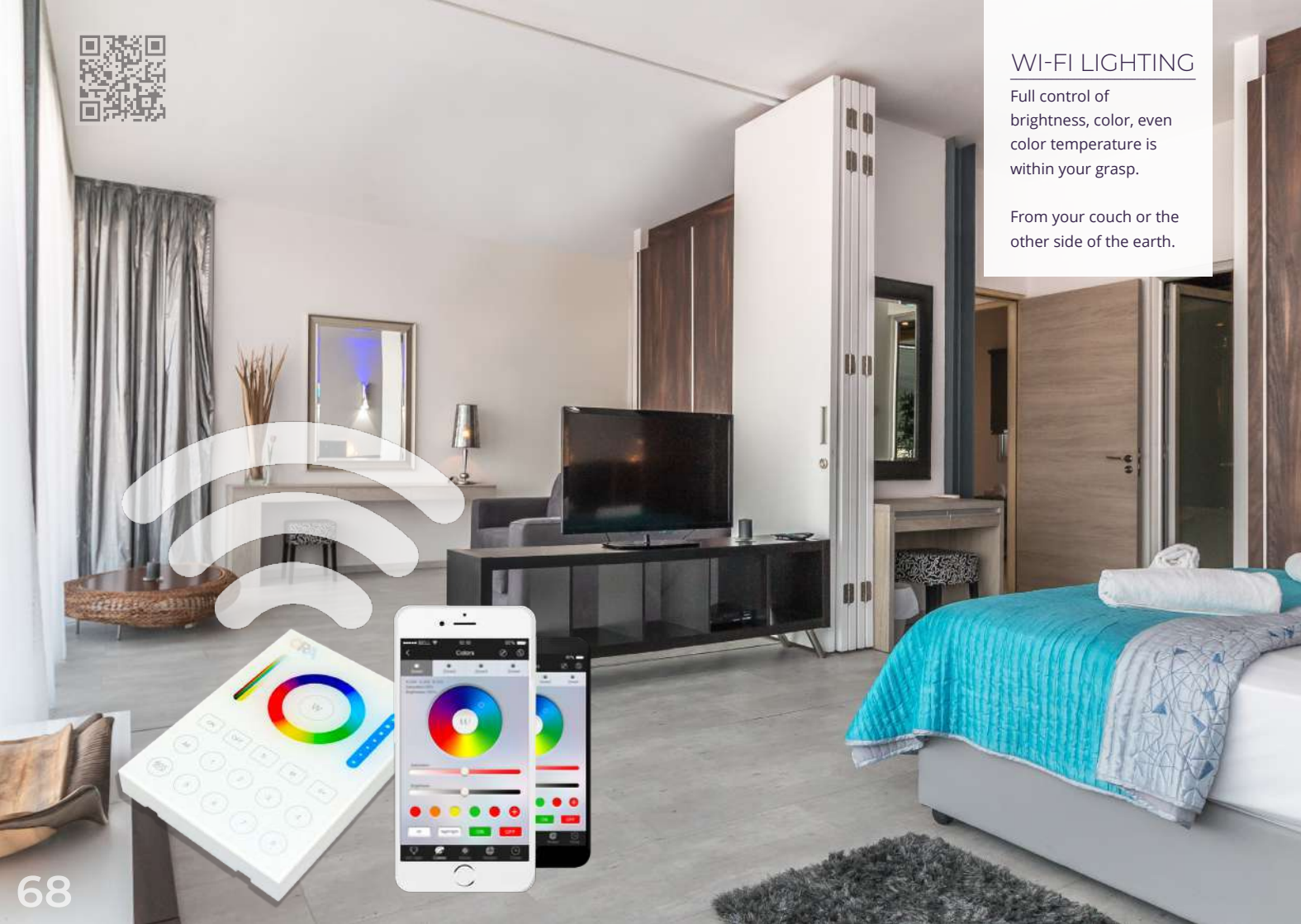
WI-FI LIGHTING

Full control of brightness, color, even color temperature is within your grasp.

From your couch or the other side of the earth.

ADAPTABILITY

Old fixtures are no longer a barrier to efficient contemporary lighting. There's an LED bulb for almost any socket, with options for any socket type.

VARIETY

Set the scene with strip lights, lamps, floodlights or downlights all fully under your control. Add timers or programs for even more options when you want to change things up.

TOTAL CONTROL

Control lights from within your home with any of several remote choices, or from anywhere in the world via custom smartphone apps and a Wi-Fi bridge.

ENDURANCE

All our fixtures undergo repeated design improvements and are put through extensive testing to ensure they offer consistent and reliable performance for years to come.

ORA™ CONTROLLERS

Use either a handheld remote or wall-mounted interfaces to control an unlimited number of compatible bulbs, floods and fixtures in four or eight zones (groups) within 100ft radius.

Each strip controller also wirelessly repeats its control signal to other wireless receivers within 100ft radius.

Set color and brightness or establish simple static or dynamic programs.

Each remote requires 2 AAA batteries.

2.4GHz
Radio Frequency

30m radius

Not Included

4 ZONE
WALL-MOUNT
RF REMOTE

Unlike traditional wall-mounted controls, these remotes send instructions wirelessly via a 2.4GHz Radio Frequency signal.

Powered by 2 AAA batteries, there is no wiring required for installation. Repositioning is simple and quick.

High-precision integrated circuits are protected by an anti-scratch hard and clear stalinite glass surface.

STRIP LIGHT CONTROLLERS
SINGLE COLOR
CORRELATED COLOR TEMP (WARM TO COOL)
RGB (MULTICOLOR) E
RGBW (MULTICOLOR WITH WHITE) F
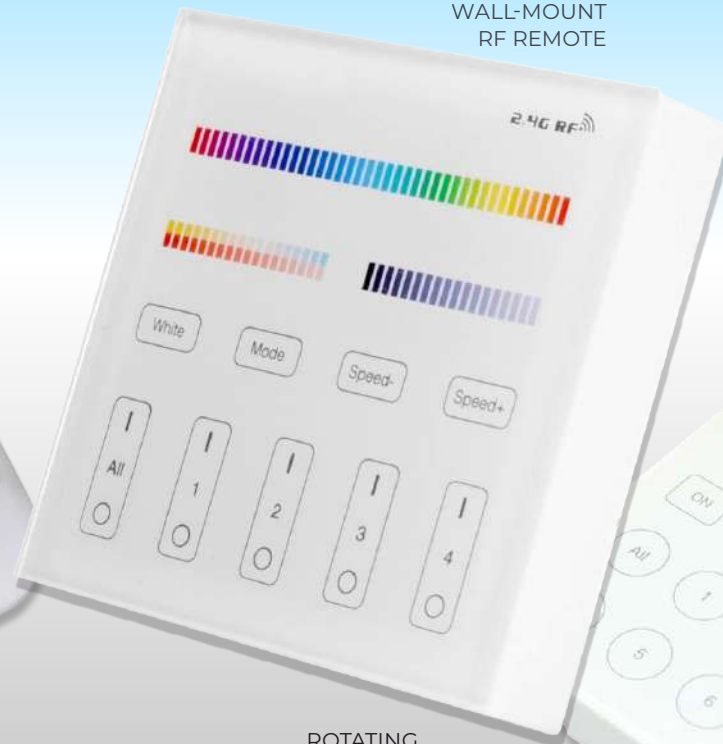
ZONES

WALL-MOUNT
REMOTE HOLDER
ALSO AVAILABLE

HANDHELD RF REMOTES
4 ZONE - CCT (WARM TO COOL) A
4 ZONE - RGB (MULTICOLOR) B
4 ZONE - RGBW (MULTICOLOR WITH WHITE)
4 ZONE - RGBCCT (MULTICOLOR WITH TUNEABLE WHITE) C
8 ZONE - RGBCCT (MULTICOLOR WITH TUNEABLE WHITE) D

ROTATING
SWITCH PANEL

CR2032 Battery powered
Magnetic installation
Up to 98 foot control distance

8 ZONE
WALL-MOUNT
RF REMOTE

ORA™ BULBS AND FIXTURES

Omnidirectional options in RGB (over 16 million color choices),
CCT (correlated color temperature - tuneable white), or RGBCCT (best of both worlds)
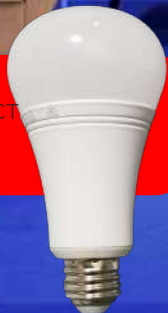
All Downlights and Directional Lamps are able to project color in all spectrums of visible light.
Including shades of white ranging from 2700k to 6000k; any combination of red, green, and blue;
and saturation of red, green and blue with white to create pastel colors.
Control unlimited number of lights in multiple zones via RF signals from remote controls (pp.66-67)
or a smartphone via a separate WiFi bridge (p. 43)

DIRECTIONAL BULBS
GU10 - 4W - RGBCCT
MR16 - 4W - RGBCCT
PAR38 - 10W - RGBCCT

RETROFIT DOWNLIGHT
6" - 12W - RGBCCT

Downlights feature PMMA diffusers
for bright, even light with no flickering

In-line power supply included to wire
directly to standard 100~240 VAC

Aluminum housing is secured to sheetrock
or drop ceilings by two stainless steel snap springs

GLOBE SHAPED BULBS
A16 - 6W - RGBCCT OR CCT
A19 - 9W - RGBCCT
A21 - 12W - RGBCCT

ORA™ WALL WASHERS

Use an ORA wifi controller to create up to 16 million different hues and
mix a full temperature range of white ranging from 2700°K to 6500°K
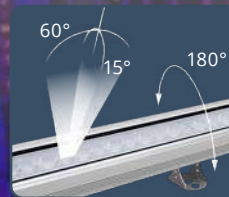Each fixture repeats a control signal up to 100 feet

IP66 wet-rated for outdoor use in all conditions
Hardened stalinite glass lens cover
Non-reactive aluminum body
Heat and cold resistant

AVAILABLE FOR 120 VAC
IN 24W 40" BARS

Assymetric Optics create
a 15° x 60° beam angle

60°
15°   180°

INDOOR AREA LIGHTING

UFO HIGH BAY
WATTAGE / 3CCT ADJUSTABLE

NUR-HBY-CCT-215W
3 selectable color temperatures
3000°K, 4000°K, 5000°K
0-10V dimmable 100%-0%

Sealed and rated for wet outdoor environments

6" COMMERCIAL DOWNLIGHT
WATTAGE / 5CCT ADJUSTABLE

DWN-CDL-6-5CCT
5 selectable color temperatures
2700°K, 3000°K, 3500°K, 4000°K, 5000°K
3 selectable wattages
12W, 17W, 22W
0-10V dimmable
100° beam angle

Wet-location and IC rated
Durable aluminum shell with frosted PC diffuser
Designed for commercial applications

CANOPY LIGHT - 3CCT

NUR-CNPY-CCT-60W-DIM
3 selectable color temperatures
3000°K, 4000°K, 5000°K
0-10V dimmable

Corrosion-resistant powder coat
Sealed and rated for wet outdoor environments
Quick mount to standard J-BOX or 3/4" pendant
   or to surface conduit via side knock-out holes

OPTIONAL ACCESSORIES

EMERGENCY
BACKUP BATTERY

PIR SENSOR

MICROWAVE
SENSOR

LOW PROFILE
FLOODLIGHTS

FL11 SERIES
65W, 120W

Heat- and impact-resistant glass
Available in 3000°K, 4000°K, 5000°K
Sealed and rated for wet outdoor environments

AVAILABLE MOUNTING OPTIONS

KNUCKLE   SLIPFITTER   YOKE
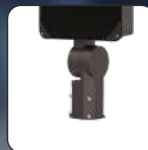
PARKING LOT
AREA LIGHTS

FL05 SERIES
100W, 250W, 300W

Dark Sky compliant
Minimal wind load profile
Bright light at 5000°K

Suitable for 26-50' mounting heights
Sealed and rated for wet outdoor environments
Wattage adjustable for maximum control
Designed for easy one-person installation

OUTDOOR AREA LIGHTING

AVAILABLE MOUNTING OPTIONS

SLIPFITTER   YOKE   ARM

POLES AVAILABLE
FOR ORDER

PLUG-IN POWER ADAPTERS

24W NON-DIMMABLE

PWR-PLG-12V-24W-ID-G2
PWR-PLG-24V-24W-ID-G2

Rated for indoor use only (IP20).
Input Voltage 100~240VAC
Output Voltage 12VDC, 24VDC

60W NON-DIMMABLE

PWR-PLG-12V-60W-ID-G2
PWR-PLG-24V-60W-ID-G2

Rated for indoor use only (IP20).
Input Voltage 100~240VAC
Output Voltage 12VDC, 24VDC
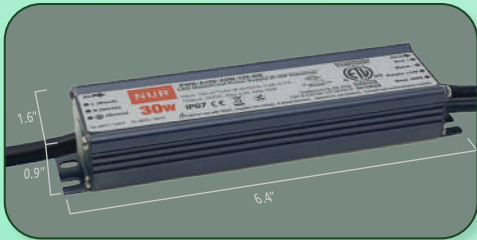
100W NON-DIMMABLE

PWR-PLG-12V-100W-ID-G2
PWR-PLG-24V-100W-ID-G2

Rated for indoor use only (IP20).
Input Voltage 100~240VAC
Output Voltage 12VDC, 24VDC

0~10 DIMMABLE POWER SUPPLIES

100-277V AC input
12VDC and 24VDC outputs available
ETL listed, RoHS compliant

30W DIMMABLE

PWR-010V-30W-12V-OD
PWR-010V-30W-24V-OD

Rated for either indoor or
outdoor use (IP67).

100~277VAC
0~10V DIMMING

DIMENSIONS
6.4" X 1.6" X 0.9"

60W DIMMABLE

PWR-010V-60W-12V-OD
PWR-010V-60W-24V-OD

Rated for either indoor or
outdoor use (IP67).

100~277VAC
0~10V DIMMING

DIMENSIONS
6.6" X 2.1" X 1.4"
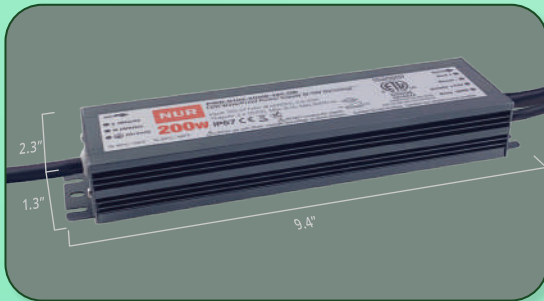
200W DIMMABLE

PWR-010V-200W-12V-OD
PWR-010V-200W-24V-OD

Rated for either indoor or
outdoor use (IP67).

100~277VAC
0~10V DIMMING

DIMENSIONS
9.4" X 2.3" X 1.3"

100W DIMMABLE

PWR-010V-100W-12V-OD
PWR-010V-100W-24V-OD

Rated for either
indoor or outdoor use (IP67).

Ultra slim design - less than 1" thick

100~277VAC
0~10V DIMMING

DIMENSIONS
7.2" X 2.5" X 0.7"

Dimmable

TRIAC DIMMABLE POWER SUPPLIES

MAGNETIC LOW VOLTAGE DRIVERS

5W DIMMABLE
PWR-DIM-NUR-12V-5W-ID

Driver rated for indoor use only (IP20).

100~130VAC
TRIAC DIMMING

DRIVER DIMENSIONS
3.14" X 1.42 " X 0.9"

1.42"
0.9"
3.14"

25W DIMMABLE
PWR-DIM-NUR-12V-25W-ID
with **PWR-JB-25**

Driver rated for indoor use only (IP20). Optional junction box does NOT provide protection for outdoor settings.

100~130VAC
TRIAC DIMMING

DRIVER DIMENSIONS
6.1" X 2.1 " X 0.8"
JUNCTION BOX DIMENSIONS
13.8" X 3.1" X 1.1"

13.8"
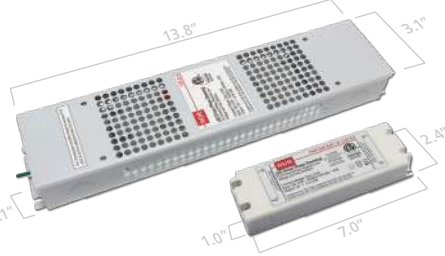3.1"
2.1"
1.1"
0.8"
6.1"

50W DIMMABLE
PWR-DIM-NUR-12V-50W-ID
with **PWR-JB-50**

Driver rated for indoor use only (IP20). Optional junction box does NOT provide protection for outdoor settings.

100~130VAC
TRIAC DIMMING

DRIVER DIMENSIONS
7.0" X 2.4 " X 1.0"
JUNCTION BOX DIMENSIONS
13.8" X 3.1" X 1.1"

13.8"
3.1"
2.4"
1.1"
1.0"
7.0"

80W DIMMABLE
PWR-DIM-NUR-12V-80W-ID
with **PWR-JB-80**

2.3"
3.0"
15.0"
3.1"
1.9"
10.1"

100~130VAC
TRIAC DIMMING

DRIVER DIMENSIONS
9.1" X 2.8 " X 1.8"
JUNCTION BOX DIMENSIONS
15.0" X 3.0" X 2.3"
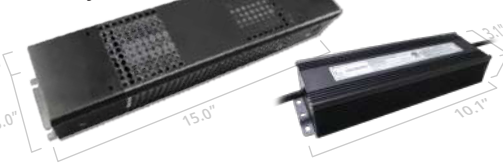
100W DIMMABLE
PWR-DIM-NUR-12V-100W-ID
with **PWR-JB-100**

2.3"
3.0"
15.0"
3.1"
1.9"
10.1"

100~130VAC
TRIAC DIMMING

DRIVER DIMENSIONS
9.1" X 2.8 " X 1.8"
JUNCTION BOX DIMENSIONS
15.0" X 3.0" X 2.3"

200W DIMMABLE
PWR-DIM-NUR-12V-200W-ID
with **PWR-JB-200**

2.7"
15.8"
3.5"
2.4"
1.9"
10.1"
1.0"

100~130VAC
TRIAC DIMMING

DRIVER DIMENSIONS
10.1" X 3.1 " X 1.9"
JUNCTION BOX DIMENSIONS
15.8" X 3.5" X 2.4"

20W DIMMABLE
PWR-DIM-DRV-12V-20W

DIMENSIONS
5.6" X 2.14" X 2.0"
35 oz.

2 standard knock-outs

2.0"
2.14"
5.6"

100~240VAC input
12VDC, 24VDC, 36VDC outputs available

Dimmable with any standard MLV/Incandescent TRIAC- (leading edge) dimmer switch

Dimmable down to 1%

ETL listed
Rated for outdoor use

Black powder-coated metal case

60W DIMMABLE
PWR-DIM-DRV-12V-60W

DIMENSIONS
6.55" X 2.55" X 2.25"
50 oz.

2 standard knock-outs

2.25"
2.55"
6.55"

96W DIMMABLE
PWR-DIM-DRV-24V-60W

DIMENSIONS
6.06" X 2.50" X 2.20"
50 oz.

2 standard knock-outs

2.2"
2.5"
6.06"

100W DIMMABLE
PWR-DIM-DRV-12V-100W

DIMENSIONS
9.8" X 3.0" X 3.0"
87 oz.

2 standard knock-outs

3.0"
9.8"

200W DIMMABLE
PWR-DIM-DRV-12V-200W

DIMENSIONS
9.8" X 3.0" X 3.0"
87 oz.

2 standard knock-outs

3.0"
3.0"
9.8"

300W DIMMABLE
PWR-DIM-DRV-12V-300W

DIMENSIONS
10.04" X 4.21" X 3.5"
140 oz.

4 standard knock-outs

3.5"
10.04"
4.21"

Tested for Safety

In 1896 Thomas Edison started testing lightbulbs for safety in a facility that was later named **Electrical Testing Laboratories (ETL)**. Today it performs safety testing for a wide range of electronics components and products.

ETL is currently a division of Intertek Testing Laboratories, an OSHA recognized Nationally Recognized Testing Laboratory (NRTL).

ETL Listed products have been tested at an ETL laboratory and found to meet all applicable Standards for Safety published by relevant NRTLs. The ETL Mark is proof of product compliance to North American safety standards. It is a symbol of safety.

Underwriters Laboratories (UL) is another OSHA recognized NRTL. UL sets and updates safety standards standards that certain types of products and processes should maintain.

A UL Listed product has been tested by UL and found to meet all relevant UL-published Standards for Safety.

Tested for Savings

When they first hit the market, poor-quality CFL bulbs led many consumers to believe that energy efficiency meant lousy product performance.

When LED bulbs were introduced, a range of performance-related **ENERGY STAR** requirements (to address light quality, flicker, bulb longevity, light distribution, etc.) ensured that they delivered on both energy efficiency and performance, and could earn the trust of millions of consumers.

Products that earn the ENERGY STAR label are independently certified to meet strict standards for energy efficiency set by the EPA, without compromising performance. ENERGY STAR products deliver real consumer savings.

The **DesignLights Consortium (DLC)** is a non-profit organization that promotes high-quality, energy-efficient lighting products, in part by establishing product quality specifications.

A product included on the DLC Qualified Products List (QPL) has been verified to perform with high levels of energy efficiency.

NUR Manufacturing is a global operation, sourcing parts from China, Japan, Korea, and the United States. Its main production facilities are located in mainland China, with custom assembly operations in the United States.

NUR's primary customer focus is North America, with exclusive distribution through LED City in Dallas, Texas.

NUR maintains the highest production and quality control standards, performing extreme and rigorous testing to ensure that all products that carry its name are safe and reliable, and provide the best quality light for any application.

As its thousands of loyal clients will attest, NUR products are built to last.

ABOUT US

We are thrilled to be a leader in the growing LED industry.
Our 10,000 sq ft showroom has become a must-see destination for the public
and a key resource where professionals can meet with their customers
to explore the most cutting edge lighting technology available.

We look forward to partnering with you on your next LED project!

L.E.D. CITY
SIGNS & LIGHTS

LED CITY
2023 COLLECTION

2415 SOUTHWELL ROAD
DALLAS, TEXAS 75229
USA

TEL : 972 488 2489
EMAIL: INFO@LEDCITYUSA.COM
SITE: WWW.LEDCITYUSA.COM

LED CITY
Our commitment to quality and customer service is evident in the
number of repeat customers who frequent our physical and online
stores. We build long-term relationships with our clients.

OUR MISSION
INSPIRATION ▪ COLLABORATION ▪ INNOVATION

To continuously research LED technology innovations
to guarantee that we offer the highest-performance,
most energy-efficient and cost-effective LED lighting.

LED.CITY
SIGNS & LIGHTS

EXPANDED COLLECTION

LIGHTING SOLUTIONS
2023 **2ND EDITION**

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