

A glowing, curved light fixture, likely a tape light system, is shown against a black background. The light is a warm, golden-yellow color and curves from the bottom left towards the top right. The text "PINNACLE TAPE LIGHT SYSTEM" is overlaid on the left side of the light.

PINNACLE
TAPE LIGHT SYSTEM

NDRTM
LIGHTING



UNLOCK YOUR CREATIVITY.

NDR Lighting's **Pinnacle Tape Light System** is an ecosystem of products — including tape light, drivers, channels and connectors — designed to work seamlessly with one another and streamline installation for a wide range of lighting projects, from the simplest to the most complex.

The **Pinnacle** system embodies the NDR Lighting product design DNA : industry-leading quality components, innovative product design and ease-of-installation optimization.

Our team has built this product category from the ground up with passion and dedication to empower your creativity and showcase your workmanship.

NO PROJECT IS TOO BIG FOR PINNACLE.



TRUST THE PINNACLE “HASSLE-FREE” SYSTEM.

With a multitude of **tape light** products, twelve different **driver** options, **diffuser kits** and all the **connectors** you could possibly imagine, the Pinnacle Tape Light System offers an efficient, well-designed solution to your need, no matter how complex your tape light project may be.

All NDR Lighting products are built with you, the electrician, in mind.



CHOOSE YOUR BRUSH.

A DEEP LINE OF PRODUCTS TO SELECT FROM

Choosing the right tape light product is the first crucial step towards success. With such a wide offering, which one is right for your project? This document's purpose is to help you understand your options and make the right decisions to better serve your client by reaching the ambitious results you strive for.



TL100
24V Submersible IP69 RGBW

TL150
24V Neonflex RGBW

TL170
24V Long Runs Single Color

TL170-CCT
24V Long Runs CCT Selectable

TL200
24V Indoor RGB

TL210
24V Long Run COB Single Color

TL210-CCT
24V Long Run COB CCT Selectable

TL250
24V Commercial Grade Single Color

TL260
24V outdoor COB Single Color

TL260-CCT
24V outdoor COB CCT Selectable

TL290
24V Outdoor Day-to-Day Single Color

TL290-CCT
24V Outdoor Day-to-Day CCT Selectable

TL350
24V Indoor Day-to-Day Single Color

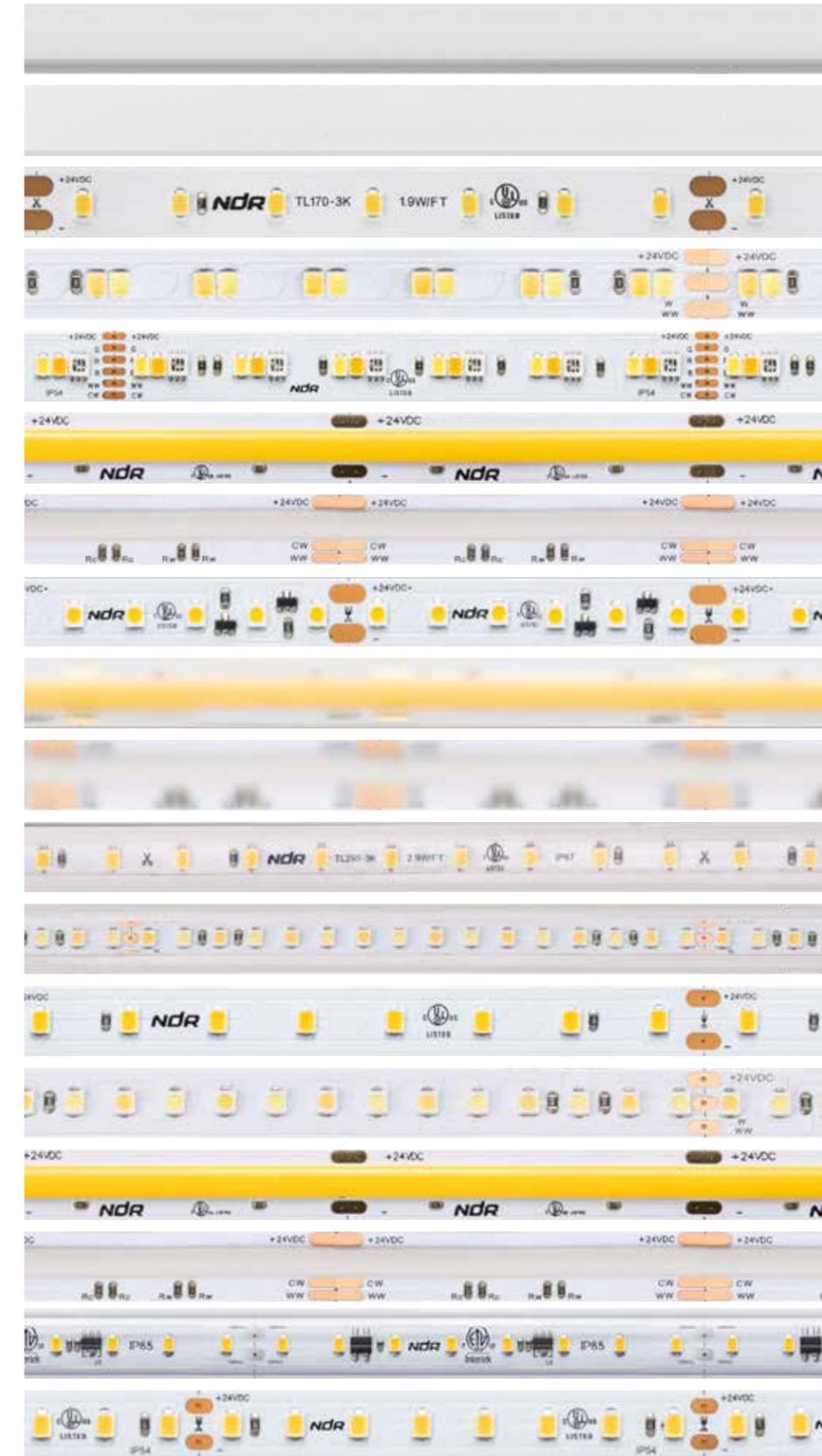
TL350-CCT
24V Indoor Day-to-Day CCT Selectable

TL360
24V Indoor COB Single Color

TL360-CCT
24V Indoor COB CCT Selectable

TL400
120V Direct Single Color

TL600
24V High Lumen Single Color



APPLICATIONS

THERE'S AN INFINITE LIST OF APPLICATIONS FOR NDR LIGHTING PINNACLE LED TAPE LIGHTS

LED tape lights are incredibly versatile for indoor and outdoor applications, including under-cabinet kitchen task lighting, cove ceilings for ambient glow, shelf or display case accents, staircase safety illumination, bathroom mirror backlighting, outdoor patios & decks, bedroom headboards, furniture integration, toe-kick guidance, landscape pathways, signage, and architectural highlights. They excel in creating mood lighting, color effects, or functional brightness in homes, offices, retail, and entertainment spaces.



Kitchen under-cabinets



Toe-kicks



Shelf / Display case



Cove lighting



Soffits



Home theater / Game room



Fence line & pathway



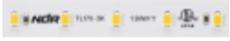
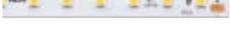
Corporate architecture

INDOOR

NDR Lighting's LED tape lights are a great way to create a warm, sophisticated look in any room of a home and in commercial spaces as well. Our intricate ecosystem of products will make sure they install fast and easily, without hassle.

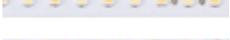
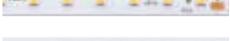


TOE-KICKS

	Model number	Lumens per foot	Max. run	CRI	Light color options	IP rating
	TL170	198	49.2	97	27K/3K/4K/5K	IP20 - DRY
	TL170-CCT	198	49.2	97	2700K to 6500K Selectable	IP20 - DRY
	TL210	200	32.8	90	3K/4K	IP20 - DRY
	TL210-CCT	200	32.8	90	2700K to 6500K Selectable	IP20 - DRY
	TL350	322	26.2	97	27K/3K/4K/5K	IP20 - DRY
	TL350-CCT	322	26.2	97	2700K to 6500K Selectable	IP20 - DRY
	TL360	434	16.4	90	27K/3K/4K	IP20 - DRY
	TL360-CCT	376	16.4	90	2700K to 6500K Selectable	IP20 - DRY
	TL600	563	16.4	97	3K/4K	IP54 - DAMP

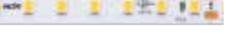
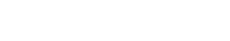
BEST OPTIONS

COVE LIGHTING

	Model number	Lumens per foot	Max. run	CRI	Light color options	IP rating
	TL170	198	49.2	97	27K/3K/4K/5K	IP20 - DRY
	TL170-CCT	198	49.2	97	2700K to 6500K Selectable	IP20 - DRY
	TL210	200	32.8	90	3K/4K	IP20 - DRY
	TL210-CCT	200	32.8	90	2700K to 6500K Selectable	IP20 - DRY
	TL250	236	32.8	90	3K/4K	IP20 - DRY
	TL360	434	16.4	90	27K/3K/4K	IP20 - DRY
	TL360-CCT	376	16.4	90	2700K to 6500K Selectable	IP20 - DRY
	TL350	322	26.2	97	27K/3K/4K/5K	IP20 - DRY
	TL350-CCT	322	26.2	97	2700K to 6500K Selectable	IP20 - DRY
	TL600	563	16.4	97	3K/4K	IP54 - DAMP
	TL200-RGB	198	25.9	97	RGB + CCT	IP54 - DAMP

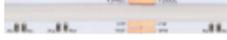
BEST OPTIONS

KITCHEN UNDER CABINETS

	Model number	Lumens per foot	Max. run	CRI	Light color options	IP rating
	TL360	434	16.4	90	27K/3K/4K	IP20 - DRY
	TL360-CCT	376	16.4	90	2700K to 6500K Selectable	IP20 - DRY
	TL210	200	32.8	90	3K/4K	IP20 - DRY
	TL210-CCT	200	32.8	90	2700K to 6500K Selectable	IP20 - DRY
	TL350	322	26.2	97	27K/3K/4K/5K	IP20 - DRY
	TL350-CCT	322	26.2	97	2700K to 6500K Selectable	IP20 - DRY
	TL600	563	16.4	97	3K/4K	IP54 - DAMP
	TL200-RGB	198	25.9	97	RGB + CCT	IP54 - DAMP

BEST OPTIONS

SHELF / DISPLAY CASE

	Model number	Lumens per foot	Max. run	CRI	Light color options	IP rating	
	TL360	434	16.4	90	27K/3K/4K	IP20 - DRY	BEST OPTIONS
	TL360-CCT	376	16.4	90	2700K to 6500K Selectable	IP20 - DRY	
	TL210	200	32.8	90	3K/4K	IP20 - DRY	
	TL210-CCT	200	32.8	90	2700K to 6500K Selectable	IP20 - DRY	
	TL350	322	26.2	97	27K/3K/4K/5K	IP20 - DRY	
	TL350-CCT	322	26.2	97	2700K to 6500K Selectable	IP20 - DRY	
	TL200-RGB	198	25.9	97	RGB + CCT	IP54 - DAMP	
	TL600	563	16.4	97	3K/4K	IP54 - DAMP	

HOME THEATER / GAME ROOM

	Model number	Lumens per foot	Max. run	CRI	Light color options	IP rating	
	TL200-RGB	198	25.9	97	RGB + CCT	IP54 - DAMP	BEST OPTIONS
	TL360	434	16.4	90	27K/3K/4K	IP20 - DRY	
	TL360-CCT	376	16.4	90	2700K to 6500K Selectable	IP20 - DRY	
	TL210	200	32.8	90	3K/4K	IP20 - DRY	
	TL210-CCT	200	32.8	90	2700K to 6500K Selectable	IP20 - DRY	
	TL350	322	26.2	97	27K/3K/4K/5K	IP20 - DRY	
	TL350-CCT	322	26.2	97	2700K to 6500K Selectable	IP20 - DRY	
	TL170	198	49.2	97	27K/3K/4K/5K	IP20 - DRY	
	TL170-CCT	198	49.2	97	2700K to 6500K Selectable	IP20 - DRY	



OUTDOOR



Our outdoor assortment will also bring a modern ambiance to any space. Either in white or RGB color, all our exterior products are wet rated and designed to sustain all climate conditions in any part of North America.

SOFFITS

	Model number	Lumens per foot	Max. run	CRI	Light color options	IP rating	
	TL260	272	16.4	90	3K/4K	IP67 - WET	BEST OPTIONS
	TL260-CCT	272	16.4	90	2700K to 6500K Selectable	IP67 - WET	
	TL290	290	26.2	97	27K/3K/4K	IP67 - WET	
	TL290-CCT	290	26.2	97	2700K to 6500K Selectable	IP67 - WET	
	TL150	138	16.4	90	RGB + 3K	IP67 - WET	
	TL400	414	100	90	3K/4K	IP65 - WET	

GAZEBO

	Model number	Lumens per foot	Max. run	CRI	Light color options	IP rating	
	TL200-RGB	198	25.9	97	RGB + CCT	IP54 - DAMP	BEST OPTIONS
	TL150	138	16.4	90	RGB + 3K	IP67 - WET	
	TL260	272	16.4	90	3K/4K	IP67 - WET	
	TL260-CCT	272	16.4	90	2700K to 6500K Selectable	IP67 - WET	
	TL290	290	26.2	97	27K/3K/4K	IP67 - WET	
	TL290-CCT	290	26.2	97	2700K to 6500K Selectable	IP67 - WET	

FENCE LINE & PATHWAY

	Model number	Lumens per foot	Max. run	CRI	Light color options	IP rating	
	TL290	290	26.2	97	27K/3K/4K	IP67 - WET	BEST OPTIONS
	TL290-CCT	290	26.2	97	2700K to 6500K Selectable	IP67 - WET	
	TL260	272	16.4	90	3K/4K	IP67 - WET	
	TL260-CCT	272	16.4	90	2700K to 6500K Selectable	IP67 - WET	
	TL150	138	16.4	90	RGB + 3K	IP67 - WET	
	TL400	414	100	90	3K/4K	IP65 - WET	

SUBMERSIBLE

	Model number	Lumens per foot	Max. run	CRI	Light color options	IP rating
	TL100-RGBW-16FT	105	16.4	90	RGB + 3K	IP69 - SUB
	TL100-RGBW-30IN	105	16.4	90	RGB + 3K	IP69 - SUB

FEATURES

TAPE LIGHT CATEGORIES



TL170-CCT 24V tape light model shown.

DAY-TO-DAY

GENERAL USE TAPE LIGHT

Our selection of day-to-day general use tape lights offer you a well-rounded, versatile solution to most tape light projects. With an excellent light output and industry-leading build quality, the day-to-day Pinnacle products will brighten up any indoor space in style.

	LUMENS/ FOOT	WATTS/ FOOT	MAX RUN	INDOOR/ OUTDOOR	IP RATING
TL350	322	2.9	26.2'	INDOOR	DRY - IP20
TL350-CCT	322	2.9	26.2'	INDOOR	DRY - IP20
TL170	198	1.9	49.2'	INDOOR	DRY - IP20
TL170-CCT	198	1.9	49.2'	INDOOR	DRY - IP20
TL210	200	2.3	32.8'	INDOOR	DRY - IP20
TL210-CCT	200	2.3	32.8'	INDOOR	DRY - IP20

KEY FEATURES

DIMMABLE

Smooth, full range **0% to 100% dimmability**

HIGH COLOR FIDELITY

High color rendering index (CRI) above 97

CUTTABLE

The tape light is **cuttable** at multiple points on the roll for an easy on-site installation process

HIGH QUALITY COPPER

3 ounces of copper per foot of tape, offering less electrical resistance and voltage drops

QUICK REFERENCE

Model number (lumens/foot), color temperature, watts/foot

3M TAPE

Backed with **3M™ mounting tape**

MacAdam BINNING

3-Step MacAdam LED binning, for high-quality **color consistency** of the light output

HIGH CONNECTIVITY

Corrosion free copper solder pads provide **exceptional electrical connectivity**

TL350
TL350-CCT
TL170
TL170-CCT
TL210-CCT
TL210

TL170 shown

KEY FEATURES

ULTRA BRIGHT

Ultra bright, 563 lumens per foot light output

CUTTABLE

The tape light is **cuttable** at multiple points on the roll for an easy on-site installation process

DIMMABLE

Smooth, full range **0% to 100% dimmability**

MacAdam BINNING

3-Step MacAdam LED binning, for high-quality **color consistency** of the light output

DAMP LOCATIONS

Nano-Skin technology protective layer giving the tape light a damp location IP54 rating

HIGH COLOR FIDELITY

High color rendering index (CRI) above 97

3M TAPE

Backed with **3M™ mounting tape**

HIGH LUMEN HIGH OUTPUT TAPE LIGHT

High lumen output LED tape lights deliver exceptional brightness, often exceeding 400 lumens per foot, making them ideal for task lighting and illuminating larger spaces effectively. They provide brighter, more even illumination compared to standard strips, enhancing visibility in kitchens, commercial areas, or outdoor signage. With high energy efficiency, these lights offer vibrant, powerful lighting that transforms dimly lit areas into well-lit, functional environments.

	LUMENS/ FOOT	WATTS/ FOOT	MAX RUN	INDOOR/ OUTDOOR	IP RATING
TL600	563	5.1	16.4'	INDOOR	DAMP - IP54
TL360	434	4.6	16.4'	INDOOR	DRY - IP20
TL360-CCT	376	4.6	16.4'	INDOOR	DRY - IP20

TL600

TL360

TL360-CCT

Regular
Tape Light

High Lumen
Tape Light

TL600
shown

KEY FEATURES

SELECTABLE COLOR TEMPERATURE

From 2700K to 6500K on one tape light model

CUTTABLE

The tape light is **cuttable** at multiple points on the roll for an easy on-site installation process

DIMMABLE

Smooth, full range 0% to 100% dimmability

MacAdam BINNING

3-Step MacAdam LED binning, for high-quality **color consistency** of the light output

HIGH COLOR FIDELITY

High color rendering index (CRI) above 97

3M TAPE

Backed with 3M™ mounting tape

TL350-CCT shown

CCT SELECTABLE TAPE LIGHT

Selectable color temperature tape lights offer remarkable versatility by allowing users to adjust the light's correlated color temperature (CCT) seamlessly from warm 2700K to cool 6500K via our All-in-One CCT Dimmer + Driver or a mobile app. Doing so can help create dramatically different moods at the touch of a button. CCT tape lights can also be set to follow the human body's circadian rhythm and properly align with natural daylight, bringing health benefits.

	LUMENS/FOOT	WATTS/FOOT	MAX RUN	INDOOR/OUTDOOR	IP RATING
TL350-CCT	322	2.9	26.2'	INDOOR	DRY - IP20
TL170-CCT	198	1.9	49.2'	INDOOR	DRY - IP20
TL210-CCT	200	2.3	32.8'	INDOOR	DRY - IP20
TL360-CCT	376	4.6	16.4'	INDOOR	DRY - IP20
TL260-CCT	272	3	16.4'	OUTDOOR	WET - IP67
TL290-CCT	290	2.9	26.2'	OUTDOOR	WET - IP67

TL350-CCT

TL170-CCT

TL210-CCT

TL360-CCT

TL260-CCT

TL290-CCT

Our All-in-One CCT Dimmer + Driver lets you easily control color temperature right from the wall switch.

SELECTABLE COLOR TEMPERATURE

2700K

6500K



KEY FEATURES

MacAdam BINNING

3-Step MacAdam LED binning, for high-quality **color consistency** of the light output

DIMMABLE

Smooth, full range **0% to 100% dimmability**

CUTTABLE

The tape light is **cuttable** at multiple points on the roll for an easy on-site installation process

3oz COPPER

3 ounces of copper per foot of tape, offering less electrical resistance and voltage drops

QUICK REFERENCE

Model number (lumens/foot), color temperature, watts/foot

3M TAPE

Backed with **3M™ mounting tape**

TL170 shown

LONG RUNS

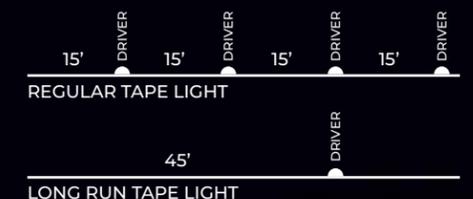
LONG RUN TAPE LIGHT

Long-run LED tape lights offer exceptional advantages for large-scale lighting projects. Designed for extended continuous runs, they ensure uniform brightness and color consistency throughout, eliminating dimming issues. This simplifies installation by reducing the need for multiple power injections, connectors, or parallel wiring, saving time and costs in expansive spaces like coves, hallways, or outdoor perimeters. Additionally, they retain core LED benefits: remarkable energy efficiency (up to 85% less power than traditional lighting), low heat output for safety, and lifespans exceeding 50,000 hours.

	LUMENS/FOOT	WATTS/FOOT	MAX RUN	INDOOR/OUTDOOR	IP RATING
TL170	198	1.9	49.2'	INDOOR	DRY - IP20
TL170-CCT	198	1.9	49.2'	INDOOR	DRY - IP20
TL210	200	2.3	32.8'	INDOOR	DRY - IP20
TL210-CCT	200	2.3	32.8'	INDOOR	DRY - IP20
TL250	236	2.9	32.8'	INDOOR	DRY - IP20

TL170
TL170-CCT
TL210
TL210-CCT
TL250

LONG RUNS MEANS FEWER DRIVERS



KEY FEATURES

DOT-FREE

The LEDs are aligned under a **continuous light** phosphor layer, eliminating visible hot spots, which is especially important for glossy surface reflections like a granite countertop.

CUTTABLE

The tape light is **cuttable** at multiple points on the roll for an easy on-site installation process

DIMMABLE

Smooth, full range **0% to 100% dimmability**

MacAdam BINNING

3-Step MacAdam LED binning, for high-quality **color consistency** of the light output



ULTRA FLEXIBLE

Ultra flexible design to accommodate a maximum of applications

HIGH CONNECTIVITY

Corrosion free gold plated solder pads provide **exceptional electrical connectivity**

3M TAPE

Backed with **3M™ mounting tape**

COB

CHIP-ON-BOARD TAPE LIGHT

Chip-on-board (COB) LED tape lights provide seamless, dot-free illumination by densely packing chips under a phosphor layer, eliminating visible hotspots for a smooth, continuous light line. This creates a professional, aesthetic finish ideal for exposed or shallow installations. COB offers wider beam angles (up to 180°), better heat dissipation for longevity, and higher efficiency with uniform brightness. It's perfect for modern designs requiring elegant, glare-free lighting without diffusers.

	LUMENS/ FOOT	WATTS/ FOOT	MAX RUN	INDOOR/ OUTDOOR	IP RATING
TL210	200	2.3	32.8'	INDOOR	DRY - IP20
TL210-CCT	200	2.3	32.8'	INDOOR	DRY - IP20
TL360	434	4.6	16.4'	INDOOR	DRY - IP20
TL360-CCT	376	4.6	16.4'	INDOOR	DRY - IP20
TL260	272	3	16.4'	OUTDOOR	WET - IP67
TL260-CCT	272	3	16.4'	OUTDOOR	WET - IP67

TL210
TL210-CCT
TL360
TL360-CCT
TL260
TL260-CCT

REFLECTION ON COUNTER TOP

REGULAR TAPE LIGHT

COB TAPE LIGHT

KEY FEATURES

FULL SPECTRUM RGB

Provides a **full range of RGB colors** and tunable white 1800K - 6500K selectable CCT

MacAdam BINNING

3-Step MacAdam LED binning, for high-quality **color consistency** of the light output

CUTTABLE

The tape light is **cuttable** at multiple points on the roll for an easy on-site installation process

DIMMABLE

Smooth, full range **0% to 100% dimmability** (when used with controller)

DAMP/WET LOCATIONS

Protective **Nano-Skin technology** coating layer that provides a damp locations IP54 rating (TL200) and wet locations IP67 rating (TL150)

3M TAPE

Backed with **3M™ mounting tape**

TL200 shown

RGB

RGBW / RGB+CCT TAPE LIGHT

RGB + tunable white LED tape lights combine vibrant color-changing capabilities with adjustable white temperatures (1800K-6500K), offering billions of colors plus pure, high-CRI white light for functional tasks. This versatility allows dynamic ambiance shifts—from colorful accents to warm or cool whites—enhancing mood, circadian rhythm support, or event lighting. Dedicated white channels ensure brighter, more natural whites than RGB-mixed, with seamless dimming and control for ultimate flexibility in one strip.

	LUMENS/ FOOT	WATTS/ FOOT	MAX RUN	INDOOR/ OUTDOOR	IP RATING
TL150-RGBW	138	4.6	16.4'	OUTDOOR	WET - IP67
TL200-RGB+CCT	200	3.7	25.9'	INDOOR	DAMP - IP54

TL150

TL200

Control with remote or smart phone



SUBMERSIBLE

RGBW / IP69 TAPE LIGHT



With an IP rating of IP69, the Pinnacle TL100 Submersible Tape Lights offer a unique solution to any fresh water or salt water application. Safely contained in a fully sealed, robust casing, they deliver exceptional durability by withstanding complete, prolonged immersion in water. Their flexibility and full RGB color spectrum enable your client's most creative ideas.

KEY FEATURES

FULL SPECTRUM RGB

Provides a **full range of RGB colors** + 3000K white

MOBILE APP COMPATIBLE

Can be controlled through remote control or the **SmartLife mobile app**

DIMMABLE

Smooth, full range **0% to 100% dimmability** (when used with controller)

IP69
SUBMERSIBLE

WET LOCATIONS & SUBMERSIBLE

Our highest IP rating of any product, the **IP69 rating** allows full fresh water & salt water submersion (up to freezing point)

NON-CUTTABLE

In order to preserve its IP69 submersible rating, this product cannot be cut



TL100 shown

SUBMERSIBLE RGBW / IP69 TAPE LIGHT

Submersible tape lights deliver exceptional durability by withstanding complete, prolonged immersion in either fresh or salt water and chlorine, making them ideal for pools, fountains, ponds, spas, aquariums, and marine applications. Reliable and safe, they allow underwater illumination without risk of short circuits or corrosion, ensuring long-term performance in harsh, wet environments. They enable seamless, continuous linear lighting that traces dock or pool perimeters, highlights waterfalls, or outline steps for elegant, uniform glow with no dark spots.

	LUMENS/ FOOT	WATTS/ FOOT	MAX RUN	INDOOR/ OUTDOOR	IP RATING
TL100-16FT	105	4.6	16.4'	OUTDOOR	SUB - IP69
TL100-30IN	105	4.6	16.4'	OUTDOOR	SUB - IP69

TL100-16FT

TL100-30IN

Control with remote or smart phone



Compatible with the
SmartLife
mobile app

KEY FEATURES

DIRECT 120V

Direct wire 120V makes this Tape Light product driverless

MacAdam BINNING

3-Step MacAdam LED binning, for high-quality color consistency of the light output

WET LOCATIONS

IP65 rated pvc sleeve for use in wet locations

CONSTANT CURRENT

Constant current and over voltage protection

100FT OR 30FT REEL

Maximum run of 100 feet

120V

120V TAPE LIGHT

NDR Lighting's 400 Pinnacle Series LED Tape Light offers industry specification grade technology and is rated for 120V input, thus eliminating the need for a dedicated driver. It has been designed with a PVC extrusion coating giving it an IP65 rating for wet location applications. It has also been engineered with a constant current and over voltage protection for added light consistency and safety.

	LUMENS/FOOT	WATTS/FOOT	MAX RUN	INDOOR/OUTDOOR	IP RATING
TL400	414	4.5	100'	OUTDOOR	WET - IP65
TL400-30FT	414	4.5	100'	OUTDOOR	WET - IP65



TL400

TL400-30FT

NO DRIVER REQUIRED



The 120V input eliminates the need for a dedicated driver.

BETTER DRIVERS THAN FORMULA ONE.

OUR DEEP LINE OF SECOND-TO-NONE DRIVERS ARE ENGINEERED FOR PERFORMANCE, RELIABILITY AND VERSATILITY.

Using NDR Lighting's Pinnacle Series Tape Lights paired with our dedicated 24V drivers offers superior performance and reliability and above all, takes away all of the guess work of selecting the right driver for your lights.

Wet locations rated, 10% to 100% load, forward phase, reverse phase, TRIAC, MLV & ELV compatible, our drivers are arguably the best in the business.

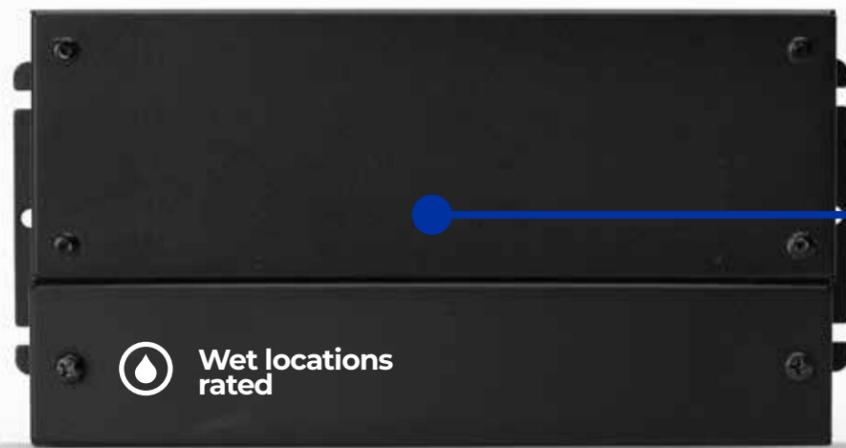
Matching drivers ensure optimal constant voltage supply, extending LED lifespan, preventing overloads, and enabling seamless dimming. Compact, wet-rated drivers simplify safe installation in diverse applications like kitchens, coves, or gazebos. This integrated system provides energy-efficient, professional-grade lighting with versatile color options, including RGB and tunable white from 1800K to 6500K, at an affordable price, ideal for contractors and designers seeking durability and ease.



- SMOOTH 0% - 100% DIMMING
- PREVENTS ELECTRICAL OVERLOADS
- CONSTANT VOLTAGE SUPPLY
- EXTENDED LEDs LIFESPAN
- OPTIMIZED ENERGY EFFICIENCY

24V DRIVERS

NDR Lighting offers you a solid line of 24V driver options to help all of your Tape Light projects succeed. From the smallest space to the most powerful and robust commercial installation, our industry-leading drivers can handle it all.



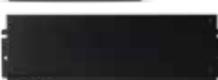
**FORWARD
PHASE,
REVERSE
PHASE,
TRIAC,
MLV & ELV
COMPATIBLE,
ALL IN ONE
DRIVER.**

**GREAT FOR
TIGHT SPACES**



Ideal use for non-dimming applications or when paired with our WIFI controller. For dimming applications where space is limited, use ELV dimmer for best performance.

DRIVERS

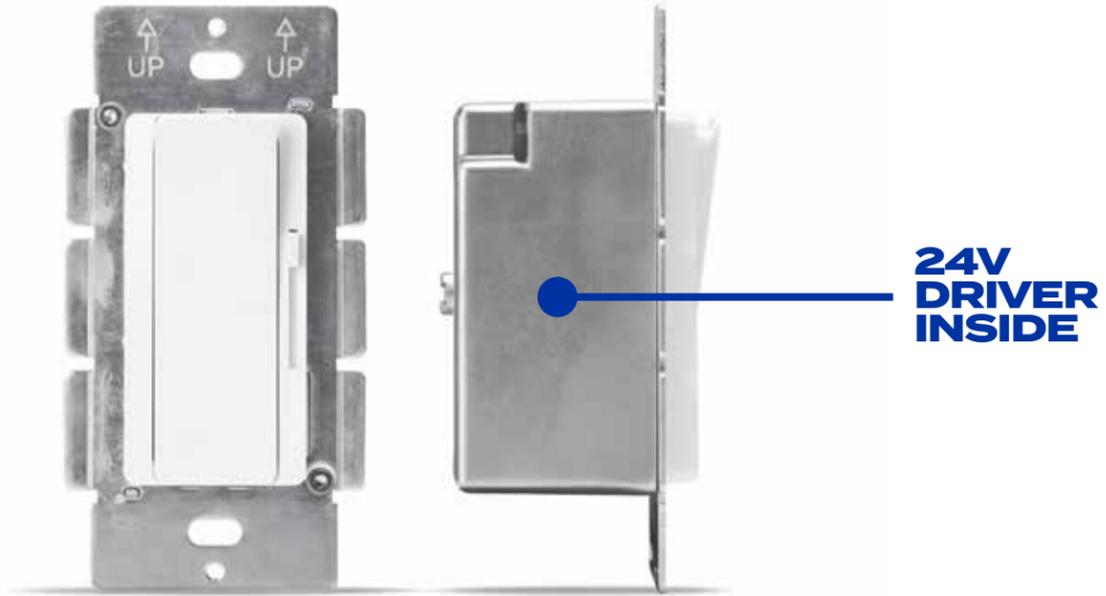
	Model number	Watts	DC Voltage	Voltage range	IP rating	Dimming range
	TLD24V-30W	30W	24V	100-277 V AC	WET - IP67	0% - 100%
	TLD24V-60W	60W	24V	100-277 V AC	WET - IP67	0% - 100%
	TLD24V-96W	96W	24V	100-277 V AC	WET - IP67	0% - 100%
	TLD24V-96W-10	96W (0-10V)	24V	100-277 V AC	WET - IP67	0% - 100%
	TLD24V-192W	192W (2x96W)	24V	100-277 V AC	WET - IP67	0% - 100%
	TLD24V-288W	288W (3x96W)	24V	100-277 V AC	WET - IP67	0% - 100%

MINI & SLIM DRIVERS

	Model number	Watts	DC Voltage	Voltage range	IP rating	Dimming range
	TLD24V-MINI-60W	60W	24V	100-130 V AC	DRY - IP20	0% - 100%
	TLD24V-MINI-96W	96W	24V	100-130 V AC	DRY - IP20	0% - 100%
	TLD24V-25W	25W	24V	100-130 V AC	DRY - IP20	5% - 100%

JUNCTION BOX for 24V Mini Drivers

	Model number	Material	Fits models	Length	Width	Depth
	JBX-TLD-MINI	Aluminium	TLD24V-MINI-60W TLD24V-MINI-96W	5.0"	3.1"	1.6"



2-IN-1 DIMMER + DRIVER

	Model number	Watts	DC Voltage	Voltage range	IP rating	Dimming range
	TLDDIM24V-60W	60W	24V	120 V AC	DRY - IP20	0.3% - 100%
	TLDDIM24V-96W TLDDIM24V-96WB	96W	24V	120 V AC	DRY - IP20	0.3% - 100%
	TLDDIM24V-160W	160W	24V	120 V AC	DRY - IP20	0.3% - 100%
	TLDCCT-96W TLDCCT-96WB	96W	24V	120 V AC	DRY - IP20	0.3% - 100%



DIFFUSER KIT

TAPE LIGHT CHANNEL & LENS

For any tape light installation where the light diodes are visible, NDR Lighting offers you a selection of Tape Light Diffuser Kits to elegantly diffuse the light in the space. Each kit includes 5 lengths of 39" of aluminum extrusion channel, 10 end caps and 15 mounting clips and screws.

	LENGTH	WIDTH	HEIGHT
CKIT1-SV	39"	0.71"	0.51"
CKIT1-BK	39"	0.71"	0.51"
CKIT2-SV	39"	0.94"	0.43"
CKIT3-SV	39"	0.71"	0.71"
CKIT5-SV	39"	2.44"	0.55"



Mud-in
CKIT5-SV

45 degree
CKIT3-SV

Regular black
CKIT1-BK

Regular silver
CKIT1-SV

Low profile
CKIT2-SV

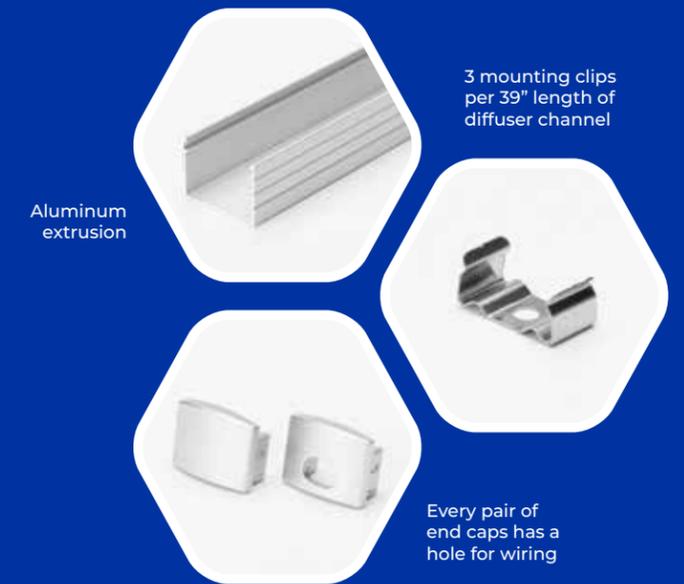
DIFFUSE THE LIGHT FOR AN ELEGANT LOOK.

Tape Light installation does not have to be complicated. NDR Lighting has you covered with its aluminum diffuser kits.

No need to compromise between a professional result and a quick & easy installation.

Simply install the mounting clips, clip the aluminum channel, stick the tape light inside of it and slide the diffuser lens on top and BINGO!

One diffuser kit is designed to match the length of standard spool of tape light.



Aluminum extrusion

3 mounting clips per 39" length of diffuser channel

Every pair of end caps has a hole for wiring

PLANNING

YOUR TAPE LIGHT PROJECT

Reach out to your local NDR Lighting Sales Director and they will help you properly plan out all or your Tape Light projects, big or small, simple or complicated. **We are here to make everything run smoothly.**



1 IDENTIFY THE PRODUCT

Where is the tape light installed? Indoors or outdoors? How big is the space? Do you need white light or colored light? Is the light functional or just to create ambiance?

Using our product guide from pages 6 to 13, select the Pinnacle product that suits your needs the best.

2 IDENTIFY THE LENGTH

Double-check your project's specs and measure how many linear feet of Pinnacle Tape Light you will need for your installation.

Depending on the reel size of the product you selected, calculate how many reels of tape light you will need to purchase.

THE 8 QUESTIONS TO SUCCESS

- Indoors or outdoors?
- White light or RGB?
- One color or CCT?
- How many reels?
- Ambient light or functional?
- Regular or long run?
- Diffused light or not?
- How many connectors?



3 IDENTIFY THE DRIVER

Multiply your required length of tape light by the Watts-per-foot ratio of your selected product. With that number in mind, choose the right driver for the project by consulting the Pinnacle Driver Matrix sheet on pages 54-55.

Consider you might need multiple drivers to complete your project and determine driver placement ahead of time to avoid surprises.

4 IDENTIFY THE ACCESSORIES

Finally, review your overall project and list the connectors and accessories that you will need to assemble it successfully. Does your tape light need to be placed in a diffuser kit?

Plan ahead the number of mounting clips, L-corners or wire extensions you will need so you can complete your project in one go.

CUTTING & CONNECTING.

HOW-TO GUIDE TO TAPE LIGHTS

INSTALLATION BEST PRACTICES



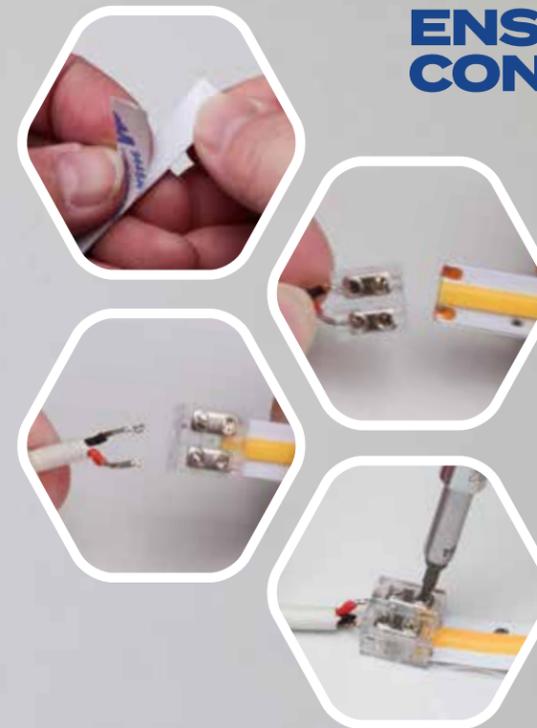
Keep the tape rolled on the reel to avoid twisting of the tape and avoid damaging the LEDs

During installation of the 24V tape light, the best practice for handling is to keep the tape as straight as possible.

When going around corners, keep a curvature greater than 4.75" (120mm) in diameter to avoid damaging the LEDs or circuitry.

Using scissors or a knife, always cut the tape on the specified copper pad cutting points.

ENSURING STRONG CONNECTIONS



Peel away the 3M self-adhesive backing from the area on the tape that will be inside the connector.

Align the tape light straight and ensure the screws are in contact with the copper pads on the tape.

Ensure you follow the +/- polarity on the tape light and tighten down the screws on the copper pads.



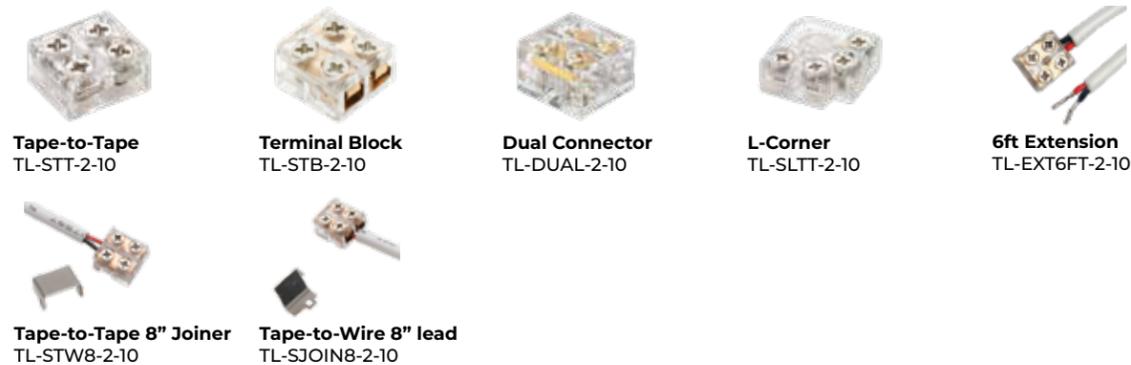
COMPONENTS

CONNECTORS & ACCESSORIES

The Pinnacle Tape Light System from NDR Lighting offers a rich variety of components to enable a wide range of creative tape light projects in any type of environment. Connectors, joiners, extensions and terminal blocks, RGB controllers or remotes, you will find all the high quality accessories you need for a professional and durable result that won't have you running back to your distributor.

See pages 50-55 to find out the connector's compatibility with each tape model.

2-PIN SCREW CONNECTORS



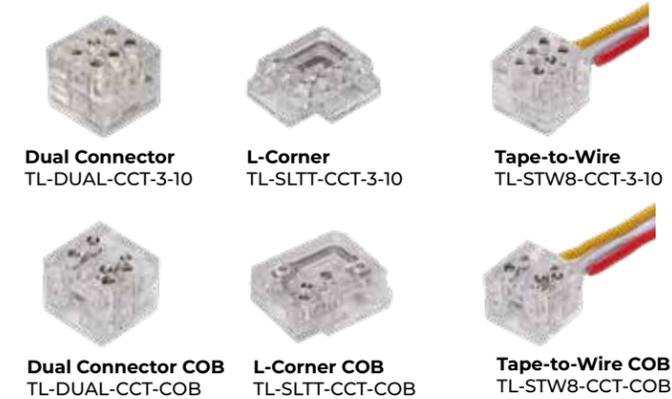
TL260 2-PIN OUTDOOR CONNECTORS



TL290 2-PIN OUTDOOR CONNECTORS



3-PIN SCREW CONNECTORS



5-PIN RGB NEONFLEX CONNECTORS



6-PIN SNAP CONNECTORS



CONTROLLER & REMOTES



120 V



SUBMERSIBLE



PINNACLE TAPE LIGHT SYSTEM • MATRIX SHEET

INDOOR SINGLE COLOR TAPE LIGHT ASSORTMENT		DAY-TO-DAY	HIGH LUMEN	LONG RUNS	COB	LONG RUN COB	COMMERCIAL
	MEASUREMENTS	TL350	TL600	TL170	TL360	TL210	TL250
	Watts/foot	2.9 W/ft.	5.1 W/ft.	1.9 W/ft.	4.6 W/ft.	2.3W/ft	2.9 W/ft.
	Lumens/foot	322 lm/ft.	563 lm/ft.	198 lm/ft.	434 lm/ft.	200LM/ft	236 lm/ft.
	Reel size	16.4ft. / 5m	16.4ft. / 5m	49.2ft. / 15m	16.4ft. / 5m	32.8ft./10m	32.8ft. / 10m
	Max run	26.2ft. / 8m (76W)	16.4ft. / 5m (84W)	49.2ft. / 15m (94W)	16.4ft. / 5m (76W)	32.8ft./10m (75W)	32.8ft. / 10m (96W)
	ACCESSORIES						
2-pin screw connectors	TL-DUAL-2-10 All-in-One 	•	•	•	•	•	•
	TL-STB-2-10 Terminal Block 	•	•	•	•	•	•
	TL-STT-2-10 Tape-to-Tape/Wire 	•	•	•	•	•	•
	TL-STW8-2-10 Tape-to-8" Wire Lead 	•	•	•	•	•	•
	TL-SJOIN8-2-10 Tape-to-Tape + 8" Wire 	•	•	•	•	•	•
	TL-SLTT-2-10 Tape-to-Tape L Corner 	•	•	•	•	•	•
	TL-EXT6FT-2-10 6FT Extension 	•	•	•	•	•	•

PINNACLE TAPE LIGHT SYSTEM • MATRIX SHEET

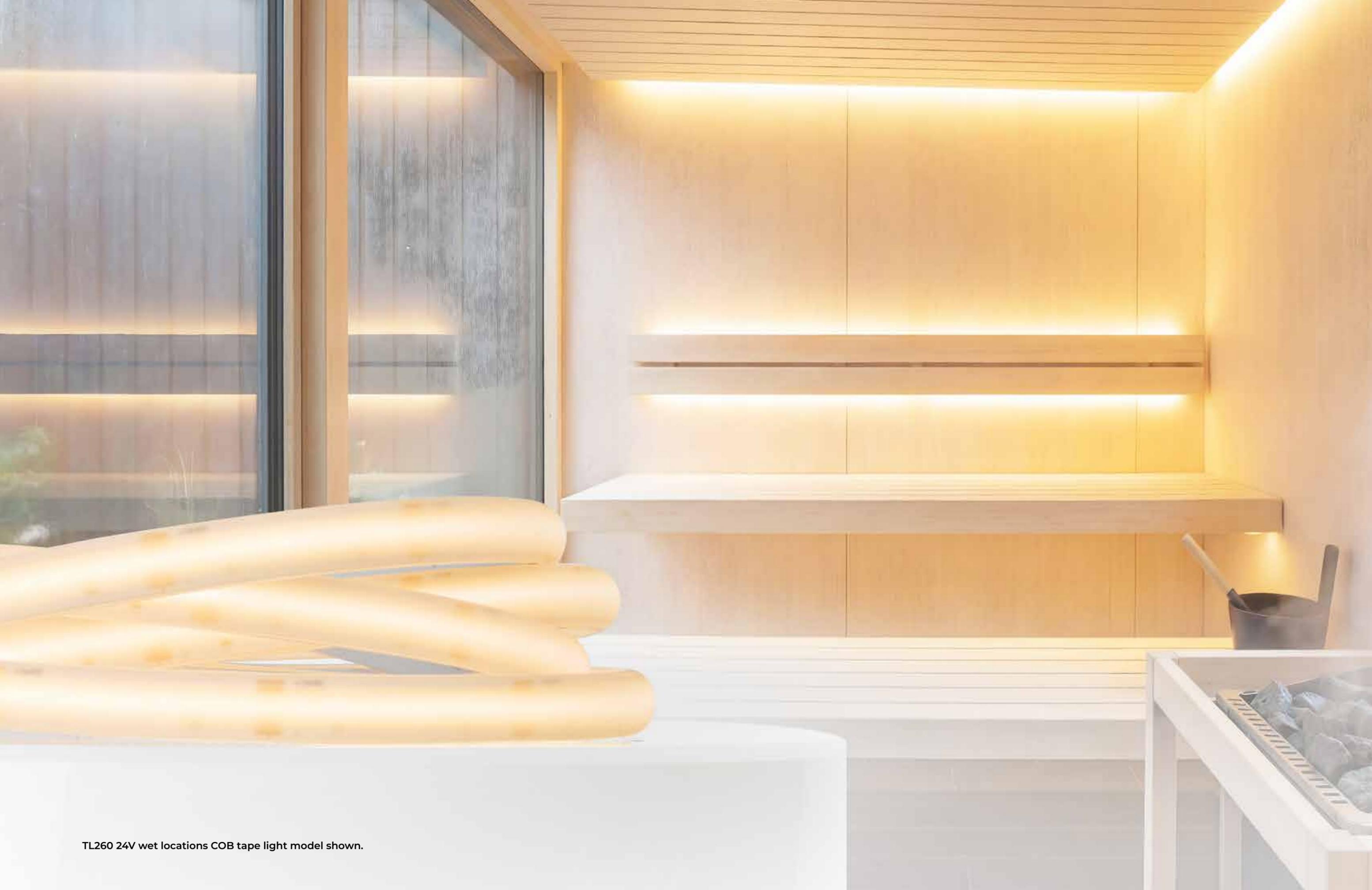
OUTDOOR TAPE LIGHT ASSORTMENT		RGB+W	COB	CCT COB
	MEASUREMENTS	TL150	TL260	TL260-CCT
	Watts/foot	4.6 W/ft.	3 W/ft.	3 W/ft.
	Lumens/foot	138 lm/ft.	272 lm/ft.	272 lm/ft.
	Reel size	16.4ft. / 5m	16.4ft. / 5m	16.4ft. / 5m
	Max run	16.4ft. / 5m (75W)	16.4ft. / 5m (49W)	16.4ft. / 5m (49W)
	ACCESSORIES			
5-pin RGB Neonflex connectors	TL-EC24V-1515 End Caps	•		
	TL-WL6-1515 Tape-to-Wire	•		
	TL-JOIN6-1515 Tape-to-Tape	•		
	TL-CLIP-1515 Mounting Brackets	•		
Controllers & connectors	TL-WIFI-CTRL Wifi & RF Controller	•		•
	TL-RGBW-RMT RGBW RF Remote	•		•
TL260 2-pin wet location COB67 connectors	TL-EC-COB67 End Caps		•	•
	TL-WL6FT-COB67 Tape-to-Wire		•	
	TL-JOIN12-COB67 Tape-to-Tape		•	
	TL-CLIP-COB67 Mounting Clips		•	•
TL290 2-pin wet location connectors	TL290-EC End Caps			
	TL290-WL6FT Tape-to-Wire			
	TL290-JOIN12 Tape-to-Tape			
	TL290-CLIP Mounting Clips			
120V accessories	TL-CLIP120V Mounting Brackets			
	TL-EC120V 120 V End Cap			
TL100 Underwater accessories	TL100-CLIP-H Horizontal Mounting Clip			•
	TL100-CLIP-V Vertical Mounting Clip			•

DAY-TO-DAY	CCT DAY-TO-DAY	DIRECT 120 V	SUBMERSIBLE RGB
TL290	TL290-CCT	TL400	TL100
2.9 W/ft.	2.9 W/ft.	4.5 W/ft.	4.6W/ft
290 lm/ft.	290 lm/ft.	414 lm/ft.	105LM/ft
26.2ft. / 8m	26.2ft. / 8m	100ft. / 30.5m	16.4ft / 5m
26.2ft. / 8m (76W)	26.2ft. / 8m (76W)	100ft. / 30.5m (450W)	16.4ft / 5m (76W)
	•		•
			•
•	•		
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			•
			•

PINNACLE TAPE LIGHT SYSTEM • MATRIX SHEET

24V DRIVERS ASSORTMENT

MEASUREMENTS		TL350 & TL350-CCT	TL600	TL170 & TL170-CCT	TL360 & TL360-CCT	TL210 & TL210-CCT	TL250	TL200	TL150	TL260 & TL260-CCT	TL290 & TL290-CCT	TL100	PL24V-CCT
Watts/foot		2.9 W/ft.	5.1 W/ft.	1.9 W/ft.	4.6 W/ft.	2.3W/ft	2.9 W/ft.	3.7 W/ft.	3.7 W/ft.	3 W/ft.	2.9 W/ft.	4.6W/ft	n/a
Lumens/foot		322 lm/ft.	563 lm/ft.	198 lm/ft.	434 lm/ft.	200LM/ft	236 lm/ft.	198 lm/ft.	138 lm/ft.	272 lm/ft.	290 lm/ft.	105LM/ft	n/a
Reel size		16.4ft. / 5m	16.4ft. / 5m	49.2ft. / 15m	16.4ft. / 5m	32.8ft. / 10m	32.8ft. / 10m	16.4ft. / 5m	16.4ft. / 5m	16.4ft. / 5m	26.2ft. / 8m	16.4ft / 5m	n/a
Max run		26.2ft. / 8m (76W)	16.4ft. / 5m (84W)	49.2ft. / 15m (94W)	16.4ft. / 5m (76W)	32.8ft. / 10m (75W)	32.8ft. / 10m (96W)	25.9ft. / 7.8m (95W)	16.4ft. / 5m (75W)	16.4ft. / 5m (49W)	26.2ft. / 8m (76W)	16.4ft / 5m (76W)	n/a
DRIVERS													
TLD24V-30W		10ft 3m	5.8ft 1.7m	15.7ft 4.7m	6.5ft 2m	13ft 3.9m	10ft 3m	8.1ft 2.5m	6.5ft 2m	10ft 3m	10ft 3m	6.5ft 2m	8 puck lights
TLD24V-60W		20ft 6.1m	11.7ft 3.5m	31.5ft 9.6m	13ft 4m	26ft 7.9m	20ft 6.1m	16.4ft 5m	13ft 3.9m	20ft 6.1m	20ft 6.1m	13ft 4m	17 puck lights
TLD24V-96W		33ft 10m	18.8ft 5.7m	50.5ft 15.3m	20ft 6m	41.7ft 12.7m	33ft 10m	25.9ft 7.8m	20ft 6m	32ft 9.7m	33ft 10m	20ft 6m	
TLD24V-96W-10		33ft 10m	18.8ft 5.7m	50.5ft 15.3m	20ft 6m	41.7ft 12.7m	33ft 10m	25.9ft 7.8m	20ft 6m	32ft 9.7m	33ft 10m	20ft 6m	
TLD24V-192W		66.3ft 20.1m	37.6ft 11.5m	101ft 30.7m	41.7ft 12.7m	83.4ft 25.4m	66.2ft 20.1m	51.9ft 15.8m	41.7ft 12.7m	64ft 19.5m	66.2ft 20.1m	41.7ft 12.7m	
TLD24V-288W		99.3ft 30.3m	56.5ft 17.2m	151.5ft 46.1m	62.6ft 19m	125.2ft 38.1m	99.3ft 30.3m	77.8ft 23.7m	62.6ft 19m	96ft 29.2m	99.3ft 30.3m	62.6ft 19m	
TLD24V-MINI-60W		20ft 6.1m	11.7ft 3.5m	31.5ft 9.6m	13ft 4m	26ft 7.9m	20ft 6.1m	16.4ft 5m	13ft 3.9m	20ft 6.1m	20ft 6.1m	13ft 4m	17 puck lights
TLD24V-MINI-96W		33ft 10m	18.8ft 5.7m	50.5ft 15.3m	20ft 6m	41.7ft 12.7m	33ft 10m	25.9ft 7.8m	20ft 6m	32ft 9.7m	33ft 10m	20ft 6m	
TLD24V-25W		8.6ft 2.6m	4.9ft 1.5m	13.1ft 3.9m	5.4ft 1.6m	10.8ft 3.2m	8.6ft 2.6m	6.7ft 2m	5.4ft 1.6m	8ft 2.5m	8.6ft 2.6m	5.4ft 1.6m	7 puck lights
TLDDIM24V-60W		20ft 6.1m	11.7ft 3.5m	31.5ft 9.6m	13ft 4m	26ft 7.9m	20ft 6.1m	16.4ft 5m	13ft 3.9m	20ft 6.1m	20ft 6.1m	13ft 4m	17 puck lights
TLDDIM24V-96W TLDDIM24V-96WB		33ft 10m	18.8ft 5.7m	50.5ft 15.3m	20ft 6m	41.7ft 12.7m	33ft 10m	25.9ft 7.8m	20ft 6m	32ft 9.7m	33ft 10m	20ft 6m	
TLDDIM24V-160W		55.1ft 16.7m	31.3ft 9.5m	84.2ft 25.6m	34.7ft 10.5m	69.5ft 21.1m	55.1ft 16.7m	43.2ft 13.1m	34.7ft 10.5m	53.3ft 16.2m	55.1ft 16.7m	34.7ft 10.5m	
TLDCCT24V-96W TLDCCT24V-96WB		33ft 10m	-	50.5ft 15.3m	20ft 6m	41.7ft 12.7m	-	-	-	32ft 9.7m	33ft 10m	-	



TL260 24V wet locations COB tape light model shown.



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