

PINNACLE 100

24V IP69 Submersible Tape Light

TL100-RGBW

SPECIFICATION SHEET



DESCRIPTION

NDR Pinnacle 100 Series IP69 Submersible LED tape light offers a market-leading design with countless color options comprised of RGB and 3000K white. Its durable, weatherproof IP69 PVC extrusion and 20ft wire lead with water-block allows for installation in virtually any location and is specifically designed to withstand the weather elements and for submersible applications.

The matte treatment provides a smooth and consistent color and brightness light output.

Ideal Applications: Dock Lighting, Swimming Pools, Waterfalls, and accent lighting exposed to water.

FEATURES

NON-CUTTABLE

Full range dimmability (via Smart Life Application)
 Submersible IP69 - WET Locations Rated
 RGBW (3000K) – 16 million + colors
 20ft Wire-lead with water-block barrier

SPECIFICATIONS

Model	TL100-RGBW
Certificates	cULus
Input voltage	24V
Watts/FT	4.6W/FT
Lumens/FT	105 lm/FT
Watts/m	15W/m
Lumens/m	345 lm/m
Color temperature	RGBW (3000K)
CRI	90+
Dimmable	Yes (via SmartLife app)
IP rating	Submersible IP69 NON-CUTTABLE
Dimensions - 16ft reel	0.4" x 197" x 0.59" (10.5mm x 5000mm x 15mm)
Dimensions - 30in reel	0.4" x 30" x 0.59" (10.5mm x 762mm x 15mm)
Beam angle	120°
Lifetime	50,000 hours
Mounting	Stainless steel mounting clips
Operating temperature	14°F to 113°F (-10°C to 45°C)
Max run	16.4ft (5m)
Limited warranty	5 years

STOCKING SKUs

Model	Watts/FT	lm/FT	Watts/m	lm/m	CRI	Reel size	IP Rating	Lifetime	Ltd. Warr.
TL100-RGBW-16FT	4.6	105	15	345	90+	16.4ft (5m)	IP69	50,000h	5 years
TL100-RGBW-30IN	4.6	105	15	345	90+	30in (0.76m)	IP69	50,000h	5 years

RATINGS & CERTIFICATIONS



UL676 certified for underwater luminaires



0-100% Dimmable



Wet locations IP69



NOT CUTTABLE

ACCESSORIES



TL100-CLIP-H (included)
Horizontal Stainless Steel Mounting Clip for TL100



TL100-CLIP-V (included)
Vertical Stainless Steel Mounting Clip for TL100

DRIVERS & CONTROLLERS

WIFI Controller + Driver

* Color & brightness tuning via SmartLife app



TL-WIFI-CTRL
WIFI & RF controller for RGBW and RGB-CCT tape light



any of the drivers below



TLD24V-MINI-60W
60W Class 2 LED transformer
120V input, 24V output,
ELV dimming ONLY
Requires junction box for UL rated
Dimensions: 3.3" x 1.6" x 1" (84mm x 40mm x 25mm)



TLD24V-MINI-96W
96W Class 2 LED transformer
120V input, 24V output,
ELV dimming ONLY
Requires junction box for UL rated
Dimensions: 3.3" x 1.6" x 1" (84mm x 40mm x 25mm)



TLD24V-30W
30W Class 2 LED driver
100-277V input, 24V output
TRIAC, ELV, MLV, Forward & reverse phase, PWM output
1/2" knockout size
Wet locations rated
Dimensions: 6.5" x 3.7" x 1.6" (165mm x 94.5mm x 40mm)



TLD24V-60W
60W Class 2 LED driver
100-277V input, 24V output
TRIAC, ELV, MLV, Forward & reverse phase, PWM output
1/2" knockout size
Wet locations rated
Dimensions: 7.4" x 3.7" x 1.6" (188mm x 94.5mm x 40mm)

DRIVERS & CONTROLLERS



TLD24V-96W

96W Class 2 LED driver
 100-277V input, 24V output
 TRIAC, ELV, MLV, Forward & reverse phase, PWM output
 1/2" knockout size
 Wet locations rated
 Dimensions: 8.7" x 3.7" x 1.6" (220mm x 94.5mm x 40mm)



TLD24V-192W

192W Class 2 LED driver
 100-277V input, 24V output x2
 (2x 96W output)
 TRIAC, ELV, MLV, Forward & reverse phase, PWM output
 1/2" knockout size
 Wet locations rated
 Dimensions: 10.9" x 4.3" x 1.8" (278mm x 110mm x 40mm)



TLD24V-288W

288W Class 2 LED driver
 100-277V input, 24V output x3
 (3x 96W output)
 TRIAC, ELV, MLV, Forward & reverse phase, PWM output
 1/2" knockout size
 Wet locations rated
 Dimensions: 11.9" x 4.3" x 1.8" (301mm x 110mm x 45mm)



JBX-TLD-MINI

Aluminum junction box and wiring compartment enclosure with built-in separation for 120V and 24V wiring compartments. Fits both 60W & 96W "MINI" transformer drivers (sold separately).
 Dimensions 5.0" x 3.1" x 1.6" (127mm x 79mm x 40mm)