

PINNACLE 250

24V LED Specification Grade Tape Light

TL250-CC24V

SPECIFICATION SHEET



DESCRIPTION

NDR Lighting Pinnacle 250 Series LED Tape Light offers industry specification grade technology and is engineered for the extra-long run applications. This product features temperature sensing and constant current IC chips that ensure an even consistent light output in long run applications.

As an added plus, installation costs are reduced by requiring fewer drivers and separate runs. Ideal applications: ambient and close level task lighting. Well suited for longer applications such as hallways, toe kicks, coves, display cases and more.

FEATURES

- 3-Step MacAdam LED binning
- 3M™ mounting tape
- 4 oz. Copper per sq. ft. – Specification Grade
 - Thicker layer offers less electrical resistance and voltage drops
- Constant current IC chips
 - For reduced drop in voltage & light output
- Cutable every 2"
- Full range dimmability
- IP20 rated – Dry location
- Maximum run – 32.8FT (10M)

SPECIFICATIONS

Model	TL250-CC24V
Certificates	cULus
Input voltage	24V
Watts/FT	2.9W/FT
Lumens/FT	236 lm/FT
Watts/m	9.5W/m
Lumens/m	774 lm/m
CRI	90+
Dimmable	Yes
IP rating	IP20
Dimensions	0.4" x 394" x 0.06" (10mm x 10,000mm x 1.4mm)
Cutable section	Every 2" (50mm)
Beam angle	120°
Lifetime	50,000 hours
Mounting	3M self-adhesive tape (non-porous)
Operating temperature	-4°F to 113°F (-20°C to 45°C)
Max run	32.8ft (10m)
Limited warranty	5 years

*TL250-CC24V tape is fully dimmable when powered by NDR Lighting LED Class 2 drivers (TLD24V-30W, TLD24V-60W, TLD24V-96W, TLD24V-192W, TLD24V-288W, TLD24V-25W, TLD24V-MINI-60W or TLDDIM24V-100W).

STOCKING SKUs

Model	Watts/FT	lm/FT	Watts/m	lm/m	CRI	Reel size	IP Rating	Lifetime	Ltd. Warr.
TL250-CC24V-3K	2.9	236	9.5	774	90+	32.8FT (10m)	IP20	50,000h	5 years
TL250-CC24V-4K	2.9	236	9.5	774	90+	32.8FT (10m)	IP20	50,000h	5 years

RATINGS & CERTIFICATIONS



0-100% Dimmable

ACCESSORIES



TL-STT-2-10
2-Pin screw connector, tape to tape connector (8-10mm)



TL-STW8-2-10
2-Pin screw connector, tape to 8" wire lead (8-10mm)



TL-SJOIN8-2-10
2-Pin screw connector, tape to tape with 8" wire lead (8-10mm)



TL-SLTT-2-10
2-Pin screw connector, tape to tape L-corner (8-10mm)



TL-STB-2-10
2-Pin screw connector terminal block (8-10mm)

ACCESSORIES (continued)



TL-EXT6FT-2-10
2-Pin Screw Connector - 6 Foot Extension
(8-10mm)



TL-CTT-2-10
2-Pin tape to tape connector
(10mm)



TL-CTW6-2-10
2-Pin tape to 6" wire lead connector
(10mm)



TL-CJOIN6-2-10
2-Pin tape to tape joiner with 6" wire lead
(10mm)

DRIVERS



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 (continued)



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)



TLD24V-25W
 25W LED driver for Pinnacle Series Puck Light and Tape Light
 120V input, 24V output
 Dry location rated
 Dimensions: 6.1" x 2.1" x 0.8" / 155mm x 54mm x 20mm



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



TLDDIM24V-100W
 100W LED dimmer and 24V driver
 120V input, 24V output
 Dry location rated
 Dimensions: 2.1" x 4.1" x 1.4" / 54mm x 105mm x 35mm