RoscoLED® Tape Static White

Thin, flexible exterior LED tape with flicker-free 0 – 100% dim, in four color temperatures: 1800K, 2400K, 3000K, and 5600K, with CRI and TLCI greater than 90, and 1000 lm per meter (3.28 ft). Tape is 12 mm (0.5 in) wide, and available in up to 5 m (16.4 ft) lengths with cut points every 3.94 in (100 mm). Tape is controllable via DMX, Dali or single channel 0-10 VDC input.

General

1. Luminaire shall be an LED tape with static color temperature of 1800K, 2400k, 3000K, or 5600K. The luminaire shall be RoscoLED Tape Static White with power and control accessories as manufactured by Rosco Labs, Inc.

2. Luminaire shall be 12mm (0.5 in) wide and come on a 5 m (16.4 ft) roll.

3. Luminaire shall have cut points every 100 mm (3.94 in).

4. Luminaire shall have a hard-wired, multi-pin connector, or an optional hard-wired, pigtail.

5. Luminaire shall be UL Listed, CE Certified, and RoHS Compliant.

Physical

6. Luminaire shall be constructed of 3 oz flexible copper circuit board with SMD 2835 LED packages and VHB adhesive backing.

7. Luminaire shall have 60 LED modules in every 1 m (3.28 ft) of length.

8. Luminaire shall be 12 mm x 1 mm x 5 m (0.5 in x 0.04 in x 16.4 ft).

9. Luminaire shall be field cuttable every 100 mm (3.94 in).

10. Input voltage shall be 24 VDC.

11. The following shall be included:
    a. Luminaire with multi-pin connector.

Optical

12. Output shall be 1000 lumens per meter.

13. Color temperature shall be 1800K, 2400K, 3000K, or 5600K.

14. 14.CRI> 90, typically 93.

15. TLCI = 92.

16. Native beam angle = 120-degrees.

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Environmental and Agency Compliance

17. Luminaire shall be UL Listed.

18. Luminaire shall be CE compliant.

19. Luminaire shall be RoHS compliant.

20. Luminaire shall be rated IP43 for Indoor use or IP65 for Outdoor use.

Thermal

21. Luminaire shall operate in an ambient temperature range of -4° F min to 140° F max (-20° to 60° C).

Electrical

22. Luminaire shall be equipped with either an insulated, hard-wired cable terminated with a multi-pin Chogori connector, or an optional insulated, hard-wired pigtail.

23. Input voltage shall be 24 VDC.

24. Luminaire shall consume no more than 14.4w per 1 m (3.28 ft), 72w per 5m (16.4 ft).

LED Emitters

25. Emitters shall be SMD2835 Static White.

26. Color temperature shall be 1800K, 2400K, 3000K, or 5600K.

27. Lumen Maintenance shall be > 47,000 hours L70 at 105C (IESNA LM-80-08 Standard).

Control and Dimming

28. Color temperature shall be set by DMX control, Dali control or single channel 0-10VDC input.

29. Luminaire shall be dimmable by DMX control, Dali Control or 0-10VDC input.

30. Dimming shall be flicker-free, 0 – 100%.

31. Dimming control shall be achieved with the RoscoLED Control Box, RoscoLED Variable PWM DMX Decoder or equivalent, Dali controller or a 0-10VDC input device.

Specification Ordering Example for RoscoLED Tape Static White

Product ordering information can be found at this URL: http://www.rosco.com/product/
The product numbers for ordering RoscoLED Tape Static White are listed below.

293 22110 0003	RoscoLED Tape Static White: 1800K - 5m Reel	293 22201 1003	RoscoLED Static White Cable - 3M
293 22110 0004	RoscoLED Tape Static White: 2400K - 5m Reel	293 22201 1005	RoscoLED Static White Cable - 5M
293 22110 0005	RoscoLED Tape Static White: 3000K - 5m Reel	293 22211 1000	RoscoLED Static White Cable Splitter
293 22115 0005	RoscoLED Tape Static White: 5600K - 5m Reel	293 22250 0001	RoscoLED Static White Control Box/300W
293 22201 1001	RoscoLED Static White Cable - 1M	293 22261 0001	RoscoLED DMX Decoder 5 x 8A, Var. PWM
293 22201 1002	RoscoLED Static White Cable - 2M	293 22262 0000	RoscoLED Power Supply 24V x 350w

If there are questions, contact Rosco Customer Service: CTOrders@rosco.com

Table Specification for RoscoLED® Tape Static White

Type ID	Qty	Description	Manufacturer	Alternate Manufacturer	Light Source / Power Source			Control
					Color Temp.	LED Type	Watts/Volts	
		12 mm (0.5 in) flexible interior or exterior rated LED Tape with > 90 CRI and TLCI, static white in 1800K, 2400k, 3000K, or 5600K, DMX, Dali or 0-10VDC control, and cut points every 100 mm	Rosco Labs		1800K, 2400K, 3000K, or 5600K	SMD2835, 60 modules per 1 m (3.28 ft) of tape	14.4w per meter, 72w per 5 m (16.4 ft)	DMX with 2-pin into RoscoLED Control box or RoscoLED Var. PWM DMX Decoder, any DMX, Dali or other controller, or any 0-10VDC Single channel control
Comments								
Tape can be installed into various aluminum profiles.								