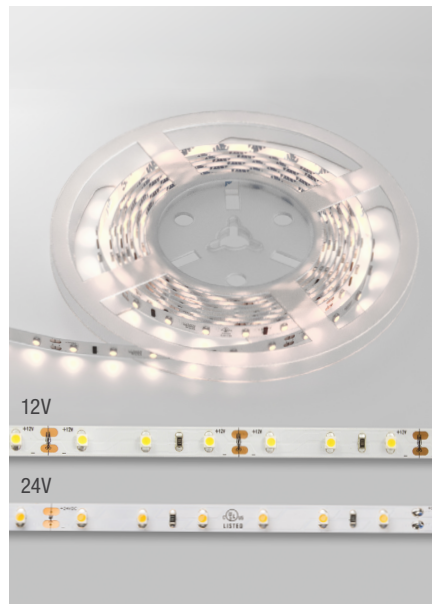




Series Spec Sheet

LOW VOLTAGE LED TAPE

1.5W, 12V and 24V - IP22

Stanpro's Low Voltage Tape Systems allow the customization of any area, combining style and technology with reliability. This professional grade flexible LED tape is ideal for installations that require a high degree of quality, a broad variety of key features, and limitless application possibilities such as stairway, cabinetry, coves, shelving, and linear decorative lighting.

View our full collection of LED strip tapes and extrusion offerings in our [brochure](#).

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- Reel length 16.4' (5m)
- 18.3 LED/ft, 60 LED/m, 300 LED/reel
- 12 V can be cut every 2" (3 LEDs)
- 24 V can be cut every 4" (6 LEDs)
- Field cuttable
- Custom cuts available with soldering

Mounting

- 3M Adhesive backing for an easy installation to smooth surfaces
- Mounting is available with [extrusion](#) for recessed, surface or suspended installation.
- Solderless option is available with a wide choice of connectors and accessories.
- 12 V or 24 V plug-in or hardwired remote drivers

• Performance data

- Available color temperatures: 3 000 and 4 000 K
- Total reel wattage 24 W
- 90+ CRI
- DC, Constant voltage
- Estimated lifespan of 50 000 hours to L70
- Forward and reverse phase, optional dimming with dimmable driver
- Ambient temperature: -25 °C to 40 °C
- Suitable for dry location

3^{yrs}
warranty


dimmable


dry
location



OVERVIEW

Light source	LED
Watts (W)	1.5
Lumen output (lm)	107-123
Efficacy (lm/W)	73-84
Color temperature (K)	3 000 and 4 000
CRI	90+

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

LOW VOLTAGE LED TAPE

Order code	Model number	Watts		Volts (V DC)	Color temp. (K) ¹	Lumen output (lm) ²		Efficacy (lm/W)	CRI	Life L70 (hrs) ³	Power factor	Master case qty
		(W)										
		(per ft.)	(per m.)			(per ft.)	(per m.)					
REEL 12 V - 16.4' (5 m)												
65895 ⁴	TAPE/16.4'/1.5W/30K/12V/IP22/60/8MM/STD	1.5	4.8	12	3 000	110	360	75	90+	50 000	>0.9	25
65880 ⁴	TAPE/16.4'/1.5W/40K/12V/IP22/60/8MM/STD	1.5	4.8	12	4 000	123	405	84	90+	50 000	>0.9	25
REEL 24 V - 16.4' (5 m)												
65881 ⁴	TAPE/16.4'/1.5W/30K/24V/IP22/60/8MM/STD	1.5	4.8	24	3 000	107	350	73	90+	50 000	>0.9	25
65882 ⁴	TAPE/16.4'/1.5W/40K/24V/IP22/60/8MM/STD	1.5	4.8	24	4 000	109	356	74	90+	50 000	>0.9	25

¹ Typical color temperature range: +/- 5 %.² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.³ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.⁴ The LED tape reels are not returnable if already cut.

ORDERING GUIDE - Custom cut options

TP		LM1			D		
Series	Length	Lumens¹	Volts (V DC)	Color temp. (K)²	Usage	WIRE FEED	
						Lead In	Lead Out
TP	Custom length up to 192" (16')	LM1 - 110lm/1.5W/90+	A - 12 V B - 24 V	30K - 3 000K 40K - 4 000K	D - IP22 indoor/dry	HW3 - Hardwire 3' HW6 - Hardwire 6' HW9 - Hardwire 9' HWX³ - Hardwire custom ft. FC3 - Female DC 3' FC6 - Female DC 6' FC9 - Female DC 9' FCX⁴ - Female DC custom ft. NL - No lead	HW3 - Hardwire 3' HW6 - Hardwire 6' HW9 - Hardwire 9' HWX³ - Hardwire custom ft. MC3 - Male DC 3' MC6 - Male DC 6' MC9 - Male DC 9' MCX⁴ - Male DC custom ft. NL - No lead

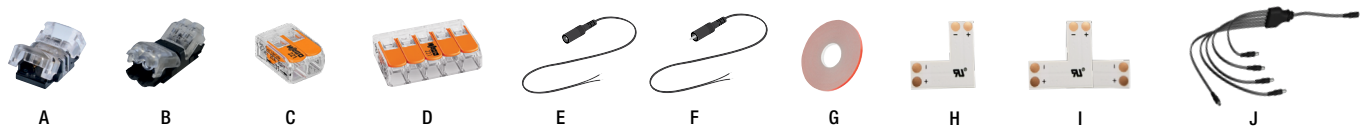
¹ Lumen values are based on 3 000 K. The light output is provided in lumens per foot. Please refer to Quick Ship Technical Specification Table for more details on color temperatures.² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.³ Custom lengths from 10 to 30 ft. For longer lengths please consult factory.⁴ Maximum length of 12 ft.

LED DRIVERS AND DIMMER SWITCH (order separately)

Order code	Model number	Output power	input volts	Input Current	Frequency	IP rating	Master case qty
		(W)	(VAC)	(mA)	(Hz)		
12 V DC							
Hardwired - Dimmable							
65740	LED/DRIVER/50W/12V/HW/D/STD	50	100-130	410	50/60	IP20	20
Hardwired - Non-dimmable							
65743	LED/DRIVER/10W/12V/HW/ND/STD	10	100-240	220	50/60	IP65	100
65744	LED/DRIVER/20W/12V/HW/ND/STD	20	100-240	250	50/60	IP65	100
65745	LED/DRIVER/60W/12V/HW/ND/VS/STD	60	100-240	1 100	50/60	IP67	30
Plug-in - Non-dimmable							
62265	LED/TAPE/36W/12V/WW+CW/PS/ND/STD	36	-	-	-	-	50
24 V DC							
Hardwired - Dimmable							
65741	LED/DRIVER/50W/24V/HW/D/STD	50	100-130	410	50/60	IP20	20
65742	LED/DRIVER/96W/24V/HW/D/STD	96	100-130	800	50/60	IP66	10
69132	LED/DRIVER/192W/24V/HW/D	192 (2 x 96)	120-277	2 200	47/63	-	10
69133	LED/DRIVER/288W/24V/HW/D	288 (3 x 96)	120-277	3 100	47/63	-	10
Plug-in - Non-dimmable							
65750	LED/DRIVER/60W/24V/PLUG/ND/STD	60	100-240	1 500	50/60	IP20	36
69554	LED/DRIVER/36W/24V/PLUG/ND	36	100-240	1 500	50/60	IP20	50

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.

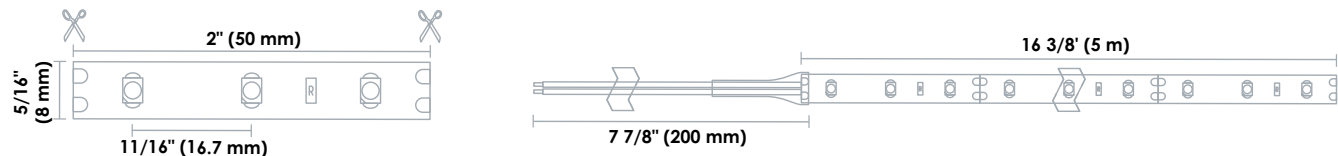
All products are subject to change or may be discontinued any time without notice.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE 

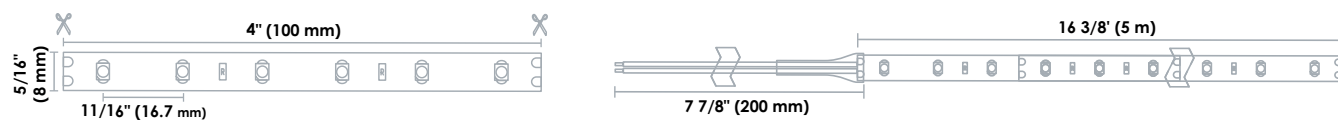
Order code	Model number	Description	Figure	Dimensions	Compatible	Colour	Certification	Qty per pack	master case qty
66130	TAPE/8MM/SINGLE_END_CONN/STD	Tape to Wire (8 mm)	A	2 m. wire (incl.)	20-22 AWG TR64 type	Clear / Black	RoHS	10	300
66132	TAPE/8MM/IN_LINE_CONN/STD	Tape to Tape (8mm)	A	-	LV LED Tapes (8mm)	Clear / Black	RoHS	10	300
66239	TAPE/WIRE_TO_WIRE_CONN/STD	Wire to Wire (8mm)	B	-	20-22 AWG TR64 type	Clear / Black	-	10	300
66771	TAPE/2WAY_WIRE_TO_WIRE_CONN/STD	Two way - Wire to Wire	C	11.2 x 13.1 x 8.3 mm	12-24 AWG	Orange	-	1	100
66242	TAPE/5WAY_WIRE_TO_WIRE_CONN/STD 4P	Five way - Wire to Wire	D	18.6 x 29.9 x 8.3 mm	12-24 AWG	Orange	-	5	200
66240	TAPE/WIRE_TO_DC_FEMALE/STD	Wire to DC Female	E	12"	20 AWG	Black	-	1	50
66241	TAPE/WIRE_TO_DC_MALE/STD	Wire to DC Male	F	12"	20 AWG	Black	-	1	50
66243	TAPE/DOUBLE_FACE_33M/STD	Double face tape	G	33 m	-	Red	-	1	10
67630	TAPE/8MM/LSHAPECORNER/STD 5P	L Shape PCB Joiner	H	20 x 8 mm	-	White	RU	1	250
67631	TAPE/8MM/TSHAPECORNER/STD 5P	T Shape PCB Joiner	I	32 x 20x 8 mm	-	White	RU	1	250
69734	TAPE/1 TO 5 ENTRY_DC_SPLITTER_FEMALE	Five way wire to DC Female	J	11 x 11 x 400 mm	-	Black	-	1	250

DIMENSIONS

12 V - 1.5 W/ft. (4.8 W/m)



24 V - 1.5 W/ft. (4.8 W/m)

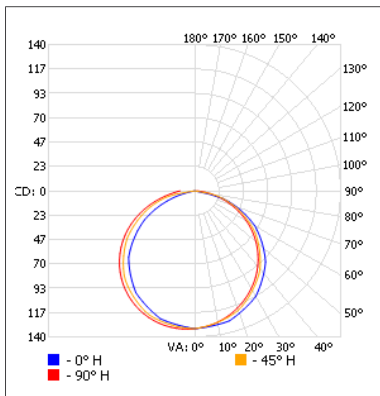


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PHOTOMETRIC DATA¹

65895 • TAPE/16.4'/1.5W/30K/12V/IP22/60/8MM/STD • 3 000 K • 121.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	31.7	26.2
0-40	52.5	43.3
0-60	94.7	78.1
60-90	26.5	21.9
0-90	121.2	100

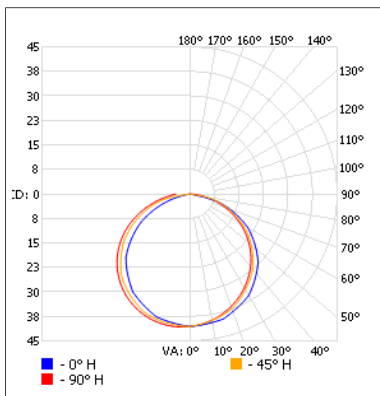
Illuminance at a distance

Center beam fc		Beam width	
1.7'	14.0	5.4'	5.8'
3.3'	3.72	10.6'	11.2'
5.0'	1.62	16.0'	17.0'
6.7'	0.90	21.5'	22.7'
8.3'	0.59	26.6'	28.1'
10.0'	0.41	32.0'	33.9'

■ Vert. spread : 116.1°
■ Horiz. spread : 118.9°

65880 • TAPE/16.4'/1.5W/40K/12V/IP22/60/8MM/STD • 4 000 K • 121.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	31.7	26.2
0-40	52.5	43.3
0-60	94.7	78.1
60-90	26.5	21.9
0-90	121.2	100

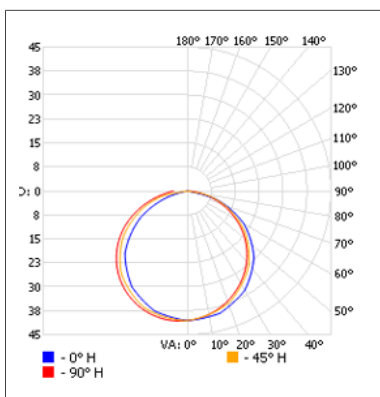
Illuminance at a distance

Center beam fc		Beam width	
1.7'	14.0	5.4'	5.8'
3.3'	3.72	10.6'	11.2'
5.0'	1.62	16.0'	17.0'
6.7'	0.90	21.5'	22.7'
8.3'	0.59	26.6'	28.1'
10.0'	0.41	32.0'	33.9'

■ Vert. spread : 116.1°
■ Horiz. spread : 118.9°

65881 • TAPE/16.4'/1.5W/30K/24V/IP22/60/8MM/STD • 3 000 K • 121.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	31.7	26.2
0-40	52.5	43.3
0-60	94.7	78.1
60-90	26.5	21.9
0-90	121.2	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	14.0	5.4'	5.8'
3.3'	3.72	10.6'	11.2'
5.0'	1.62	16.0'	17.0'
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10.0'	0.41	32.0'	33.9'

■ Vert. spread : 116.1°
■ Horiz. spread : 118.9°

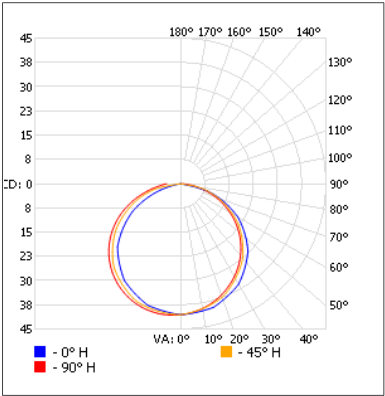
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹

65882 • TAPE/16.4'/1.5W/40K/24V/IP22/60/8MM/STD • 4 000 K • 121.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	31.7	26.2
0-40	52.5	43.3
0-60	94.7	78.1
60-90	26.5	21.9
0-90	121.2	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	14.0	5.4'	5.8'
3.3'	3.72	10.6'	11.2'
5.0'	1.62	16.0'	17.0'
6.7'	0.90	21.5'	22.7'
8.3'	0.59	26.6'	28.1'
10.0'	0.41	32.0'	33.9'

■ Vert. spread : 116.1°
■ Horiz. spread : 118.9°

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