

# OrroBasic

24VDC Performance and Value  
LED Tape Light



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## 24VDC Performance and Value LED Tape Light



### Features

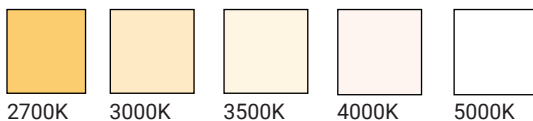
- 90+ CRI (color rendering index)
- Color temperatures from 2700K to 5000K
- Up to 211 lumens per foot
- Dimming options: Incandescent, CLF, LED, MLV, ELV, 0-10V, dimmer switch / wireless app & wall switch.
- Cutable every 3.94in (100mm)
- Red 3M VHB adhesive backing
- UL Listed Class 2 certified
- 36" lead wire & tape connector included

### Control Options

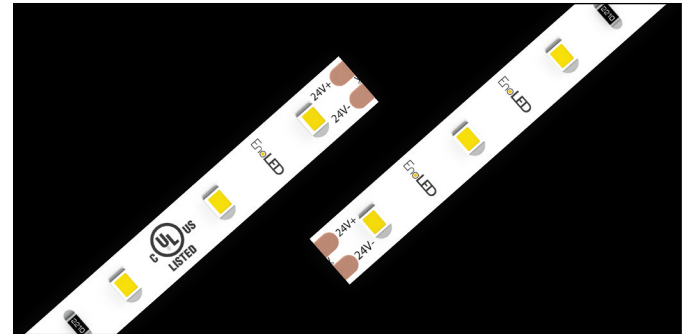
- Phase Cut Dimming (AC side)
- 0-10V
- Wireless App & Switch

### Specifications

#### Available Color Temperatures:

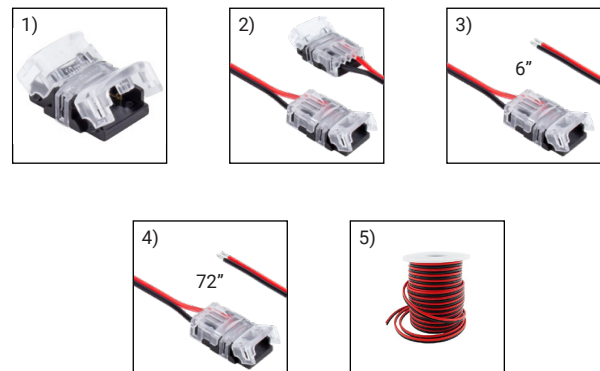


<b>Input voltage:</b>	24VDC
<b>CRI:</b>	90+
<b>Power:</b>	2.2W/ft
<b>Lumens:</b>	181lm/ft - 211lm/ft
<b>Cut Length:</b>	3.94"
<b>Environment:</b>	IP20
<b>Dimensions (W x H x L):</b>	0.31" x 0.055" x 196.85"
<b>Beam Angle:</b>	120°
<b>Lamp Life:</b>	50,000 Hours
<b>Operating Temp:</b>	-4°F to 113°F (-20°C to 45°C)
<b>Adhesive:</b>	3M
<b>Dimming Control:</b>	• Incandescent • CFL/LED • MLV • ELV • 0-10V • Wireless



### Connectors and Wire

Ordering Code	Description
1) TCP-TT-8	0.39" (8mm) Tape to tape connector
2) TCP-TT-6W-8	0.39" (8mm) Tape to tape - 6" wire connector
3) TCP-TW-6W-8	0.39" (8mm) Tape to wire connector with 6" wire
4) TCP-TW-72W-8	0.39" (8mm) Tape connector with 72" wire
5) WS-2P-15	15ft 20AWG 2 pin wire spool



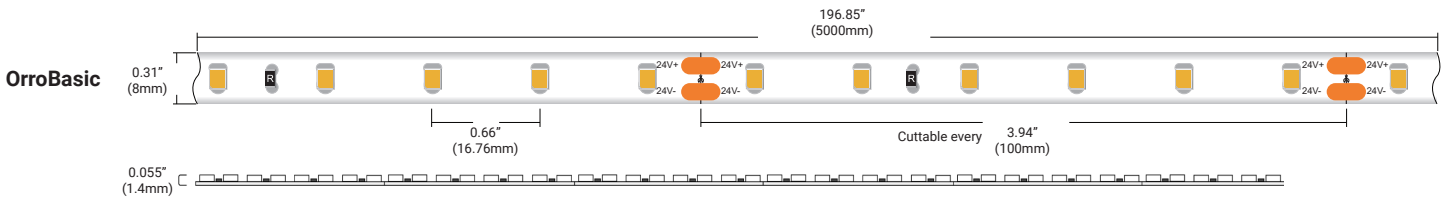
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### Performance Table

Ordering Code	Length	Voltage	CCT	CRI	Wattage	Lumens	Cuttable	IP Rating
<b>OrroBasic</b>								
OrroBasic-27-16	16.4ft	24VDC	2700K	90+	2.2W/ft	181lm/ft	3.94"	IP20
OrroBasic-30-16	16.4ft	24VDC	3000K	90+	2.2W/ft	186lm/ft	3.94"	IP20
OrroBasic-35-16	16.4ft	24VDC	3500K	90+	2.2W/ft	184lm/ft	3.94"	IP20
OrroBasic-40-16	16.4ft	24VDC	4000K	90+	2.2W/ft	211lm/ft	3.94"	IP20
OrroBasic-50-16	16.4ft	24VDC	5000K	90+	2.2W/ft	207lm/ft	3.94"	IP20

### Mechanical Diagrams



### Connections



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### Recommended 24V LED Drivers

Ordering Code	Input Voltage	Output Voltage	Max Load	Class	Dimmable	Environment	Dimensions
<b>1) Magnetron XRD Dimmbale LED Driver Series</b>							
XRD-40W-24VDC	120VAC	24VDC	40W	Yes	Incandescent, CFL/LED, MLV, ELV	IP21	6.20"x1.85"x1.35"
XRD-60W-24VDC	120VAC	24VDC	60W	Yes	Incandescent, CFL/LED, MLV, ELV	IP21	6.20"x1.85"x1.35"
XRD-75W-24VDC	120VAC	24VDC	75W	Yes	Incandescent, CFL/LED, MLV, ELV	IP21	6.20"x1.85"x1.35"
XRD-96W-24VDC	120VAC	24VDC	96W	Yes	Incandescent, CFL/LED, MLV, ELV	IP21	6.20"x1.85"x1.35"
<b>2) Magnetron MRD Dimmbale LED Driver Series</b>							
MRD-40W-24VDC	120VAC	24VDC	40W	Yes	Incandescent, CFL/LED, MLV, ELV	IP21	3.31"x1.57"x0.98"
MRD-60W-24VDC	120VAC	24VDC	60W	Yes	Incandescent, CFL/LED, MLV, ELV	IP21	3.31"x1.57"x0.98"
MRD-75W-24VDC	120VAC	24VDC	75W	Yes	Incandescent, CFL/LED, MLV, ELV	IP21	3.31"x1.57"x0.98"
MRD-96W-24VDC	120VAC	24VDC	96W	Yes	Incandescent, CFL/LED, MLV, ELV	IP21	3.31"x1.57"x0.98"
<b>3) NanoDrive 0-10V Dimmbale LED Driver Series</b>							
NND-40W-24VDC	120-277VAC	24VDC	40W	Yes	0-10V	IP54	10.35"x2.55"x1.53"
NND-60W-24VDC	120-277VAC	24VDC	60W	Yes	0-10V	IP54	10.35"x2.55"x1.53"
NND-75W-24VDC	120-277VAC	24VDC	75W	Yes	0-10V	IP54	10.35"x2.55"x1.53"
NND-96W-24VDC	120-277VAC	24VDC	96W	Yes	0-10V	IP54	10.35"x2.55"x1.53"
<b>4) ELD Non-Dimmbale LED Driver Series</b>							
ELD-24VDC-60W-UL	120VAC	24VDC	60W	Yes	No	IP65	8"x2.40"x0.78"
ELD-24VDC-100W-UL	120VAC	24VDC	96W	Yes	No	IP65	8"x2.40"x0.78"
ELD-24VDC-150W-UL	120VAC	24VDC	150W	Yes	No	IP65	9.30"x2.48"x1.25"
ELD-24VDC-200W-UL	120VAC	24VDC	200W	Yes	No	IP65	9.30"x2.48"x1.25"



1) Magnetron XRD Dimmbale LED



2) Magnetron MRD Dimmbale LED



3) NanoDrive 0-10V Dimmbale LED



4) ELD Non-Dimmbale LED Driver