

Product Description

VaOpto's LED Hard Strip Series is an energy-efficient, lead-free, UV-free, and long-lasting cold lighting source. In comparison to standard light strips, VaOpto's LED Hard Strip Series reduces energy consumption by 50%.

Product Information

- Available in various colors and RGB
- Cool White: CRI > 80
- Neutral White: CRI > 80
- Warm White: CRI > 85
- cULus Listed File #E321933
- Beam Angle: 120°
- Three-year limited warranty

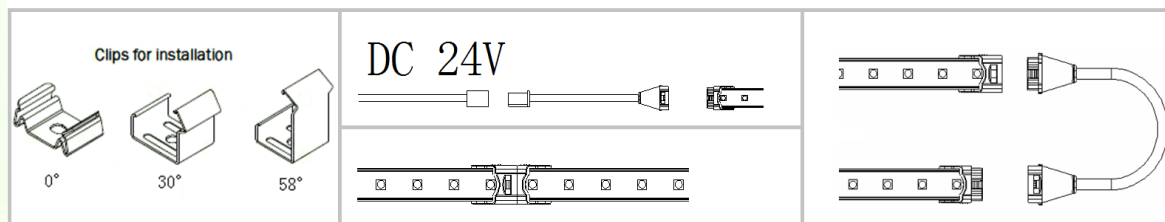


Ordering Information

Non-Waterproof Series with 5050 LEDs

Part Number	Length (cm)	LED Qty.	Power (W)	Input Voltage (V DC)	Current (A)	CCT/Wavelength	Lumens (lm)	Lighting Direction	Max Connection Units (pcs.)
VO-HS-R-24T2-1	30.2	18	3.6	24	0.15	624nm (Red)	90	0°, 30°, 58°	16
VO-HS-Y-24T2-1	30.2	18	3.6	24	0.15	590nm (Yellow)	90	0°, 30°, 58°	16
VO-HS-G-24T2-1	30.2	18	3.6	24	0.15	515nm (Green)	144	0°, 30°, 58°	16
VO-HS-B-24T2-1	30.2	18	3.6	24	0.15	470nm (Blue)	58	0°, 30°, 58°	16
VO-HS-CW-24T2-1	30.2	18	3.6	24	0.15	6500K	280	0°, 30°, 58°	16
VO-HS-NW-24T2-1	30.2	18	3.6	24	0.15	4100K	270	0°, 30°, 58°	16
VO-HS-WW-24T2-1	30.2	18	3.6	24	0.15	3500K	252	0°, 30°, 58°	16
VO-HS-RGB-24T2-1	30.2	18	3.6	24	0.15	-	-	0°, 30°, 58°	16
VO-HS-R-24T2-2	50.2	36	6.0	24	0.25	624nm (Red)	150	0°, 30°, 58°	10
VO-HS-Y-24T2-2	50.2	36	6.0	24	0.25	590nm (Yellow)	150	0°, 30°, 58°	10
VO-HS-G-24T2-2	50.2	36	6.0	24	0.25	515nm (Green)	240	0°, 30°, 58°	10
VO-HS-B-24T2-2	50.2	36	6.0	24	0.25	470nm (Blue)	105	0°, 30°, 58°	10
VO-HS-CW-24T2-2	50.2	36	6.0	24	0.25	6500K	480	0°, 30°, 58°	10
VO-HS-NW-24T2-2	50.2	36	6.0	24	0.25	4100K	450	0°, 30°, 58°	10
VO-HS-WW-24T2-2	50.2	36	6.0	24	0.25	3500K	420	0°, 30°, 58°	10
VO-HS-RGB-24T2-2	50.2	36	6.0	24	0.25	-	-	0°, 30°, 58°	10
VO-HS-R-24T2-3	100.2	54	12.0	24	0.50	624nm (Red)	300	0°, 30°, 58°	5
VO-HS-Y-24T2-3	100.2	54	12.0	24	0.50	590nm (Yellow)	300	0°, 30°, 58°	5
VO-HS-G-24T2-3	100.2	54	12.0	24	0.50	515nm (Green)	480	0°, 30°, 58°	5
VO-HS-B-24T2-3	100.2	54	12.0	24	0.50	470nm (Blue)	210	0°, 30°, 58°	5
VO-HS-CW-24T2-3	100.2	54	12.0	24	0.50	6500K	960	0°, 30°, 58°	5
VO-HS-NW-24T2-3	100.2	54	12.0	24	0.50	4100K	900	0°, 30°, 58°	5
VO-HS-WW-24T2-3	100.2	54	12.0	24	0.50	3500K	840	0°, 30°, 58°	5
VO-HS-RGB-24T2-3	100.2	54	12.0	24	0.50	-	-	0°, 30°, 58°	5

Installation and Accessories



LED Hard Strip

Hard Strip



Waterproof Series with 5050 LEDs

Part Number	Length (cm)	LED Qty.	Power (W)	Input Voltage (V DC)	Current (A)	CCT/Wavelength	Lumens (lm)	Lighting Direction	Max Connection Units (pcs.)
VO-HS-R-24T1-1	30.6	18	3.2	24	0.13	624nm (Red)	90	TOP	16
VO-HS-Y-24T1-1	30.6	18	3.2	24	0.13	590nm (Yellow)	90	TOP	16
VO-HS-G-24T1-1	30.6	18	3.2	24	0.13	515nm (Green)	144	TOP	16
VO-HS-B-24T1-1	30.6	18	3.2	24	0.13	470nm (Blue)	58	TOP	16
VO-HS-CW-24T1-1	30.6	18	3.2	24	0.13	6500K	220	TOP	16
VO-HS-NW-24T1-1	30.6	18	3.2	24	0.13	4100K	200	TOP	16
VO-HS-WW-24T1-1	30.6	18	3.2	24	0.13	3500K	180	TOP	16
VO-HS-RGB-24T1-1	30.6	18	3.2	24	0.13	-	-	TOP	16
VO-HS-R-24T1-2	60.6	30	7.2	24	0.30	624nm (Red)	150	TOP	10
VO-HS-Y-24T1-2	60.6	30	7.2	24	0.30	590nm (Yellow)	150	TOP	10
VO-HS-G-24T1-2	60.6	30	7.2	24	0.30	515nm (Green)	240	TOP	10
VO-HS-B-24T1-2	60.6	30	7.2	24	0.30	470nm (Blue)	105	TOP	10
VO-HS-CW-24T1-2	60.6	30	7.2	24	0.30	6500K	480	TOP	10
VO-HS-NW-24T1-2	60.6	30	7.2	24	0.30	4100K	450	TOP	10
VO-HS-WW-24T1-2	60.6	30	7.2	24	0.30	3500K	420	TOP	10
VO-HS-RGB-24T1-2	60.6	30	7.2	24	0.30	-	-	TOP	10
VO-HS-R-24T1-3	90.6	60	12.0	24	0.50	624nm (Red)	300	TOP	5
VO-HS-Y-24T1-3	90.6	60	12.0	24	0.50	590nm (Yellow)	300	TOP	5
VO-HS-G-24T1-3	90.6	60	12.0	24	0.50	515nm (Green)	480	TOP	5
VO-HS-B-24T1-3	90.6	60	12.0	24	0.50	470nm (Blue)	210	TOP	5
VO-HS-CW-24T1-3	90.6	60	12.0	24	0.50	6500K	960	TOP	5
VO-HS-NW-24T1-3	90.6	60	12.0	24	0.50	4100K	900	TOP	5
VO-HS-WW-24T1-3	90.6	60	12.0	24	0.50	3500K	840	TOP	5
VO-HS-RGB-24T1-3	90.6	60	12.0	24	0.50	-	-	TOP	5

Installation and Accessories



Waterproof Endcaps



Waterproof Power Feeder



24V DC Driver

Minimum and Maximum Ratings

Parameters	Values
Operating Temperature	-22°F – 185°F
Storage Temperature	-22°F – 185°F