
Specification

Pro series –DS8160-24V-10mm

VALOTEHDAS.FI



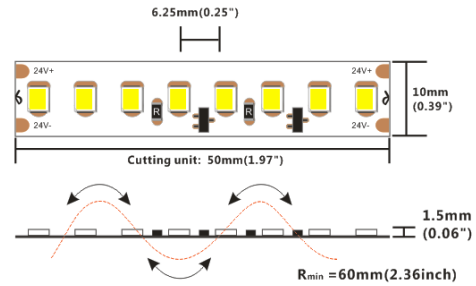
General description

- ※OSRAM led integrated
- ※High efficiency up to 153lm/w@4000K , CRI80+
- ※SDCM≤3,one Bin delivery
- ※Constant current design, Same brightness from one end to another
- ※With life span over 60000H, 5 years warranty
- ※Ta: -25~40° C; Tc: 75° C (max)



Dimension

- Max.length:** 5000mm(16.4')
- Cutting unit:** 8leds/50mm
- LED pitch:** 6.25mm(0.25")
- Min. bend diameter:** Φ60mm(2.36inch)
- Mounting:** 3M tape
- IP:** IP33

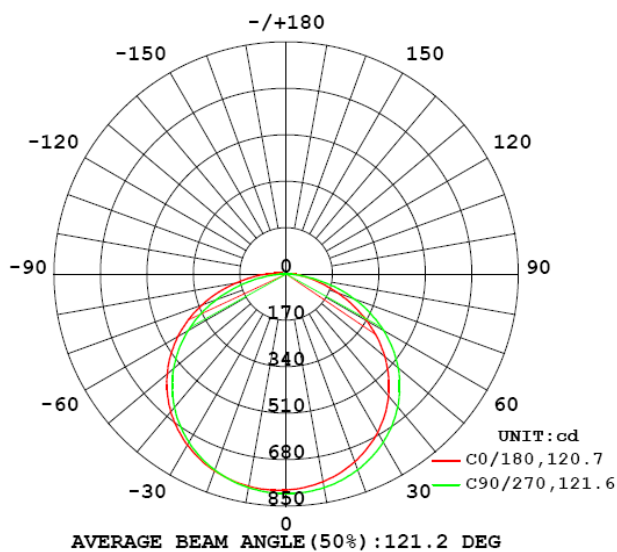


Electronic & output data

- Input voltage:** 24VDC
- Rated current:** 0.683A/1m;3.3A/5m
- Typical Powe:** 16.4W/1m(5W/FT);79.2W/5m
- Power range:** 14.9~18W
- Max.power:** 18W(5.49W/FT)
- CRI:** >80/90
- On-off times:** 10000 (test times)
- Copper foil:** 3oz

Color	SW	WW	NW	DW	W	
CCT	2700K	3000K	4000K	5000K	6500K	
Lumen	80CRI	2280lm	2400lm	2500lm	2500lm	2400lm
	90CRI	1800lm	1890lm	1970lm	1970lm	1890lm
Lm/W	80CRI	139	146	153	153	146
	90CRI	109	115	120	120	115
Energy efficiency class	80CRI	A++	A++	A++	A++	A++
	90CRI	A+	A+	A+	A+	A+

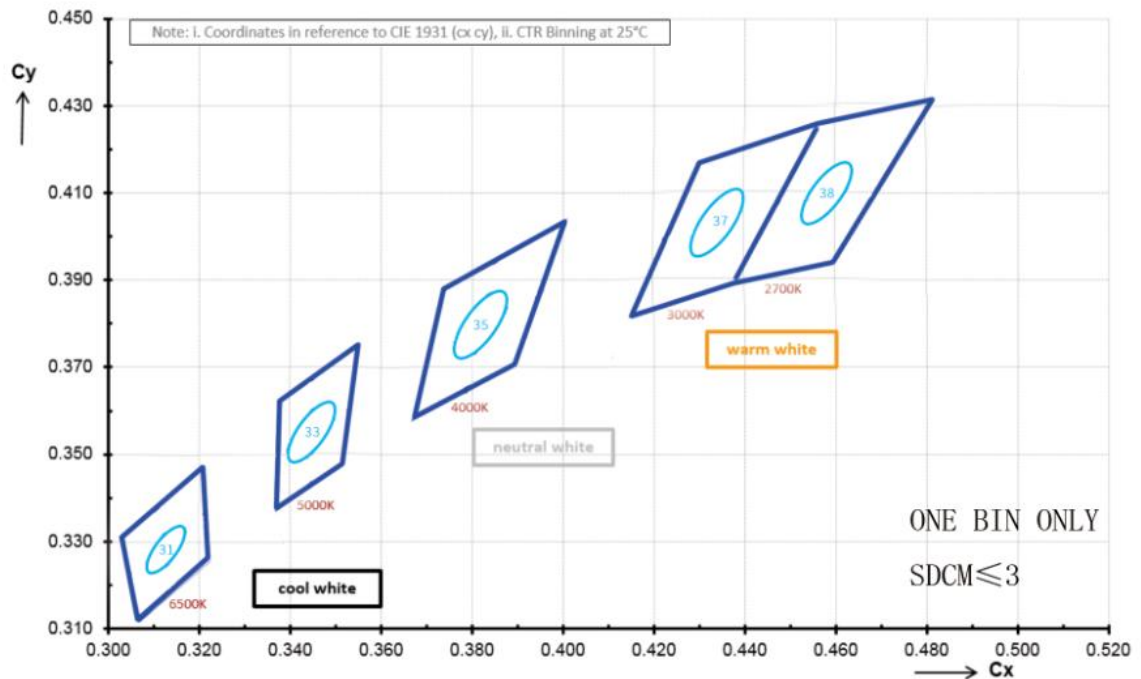
- 1.The tolerance of output data can be vary up to 10%
- 2.the output data tested according to IES TM-30-15
- 3.the output data is based on IP33/1merter



Height	Eavg, Emax	Angle: 120.72deg	Diameter
1m	191.5, 803.61x		351.49cm
2m	47.88, 200.91x		702.97cm
3m	21.28, 89.291x		1054.46cm
4m	11.97, 50.221x		1405.95cm
5m	7.660, 32.141x		1757.43cm
6m	5.320, 22.321x		2108.92cm
7m	3.908, 16.401x		2460.41cm
8m	2.992, 12.561x		2811.89cm
9m	2.364, 9.9211x		3163.38cm
10m	1.915, 8.0361x		3514.87cm

※Based on 4000K@CRI80

BIN Code



Disclaimer

- ※ Please drive the led strip with 24VDC isolated power, and the ripple of the constant voltage source should be less than 5%.
- ※ Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability.
- ※ Do not fold it in case any damage of LED beads.
- ※ Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.
- ※ Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.
- ※ LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: $-20\text{ }^{\circ}\text{C} \sim +40\text{ }^{\circ}\text{C}$. Storage temperature: $-0\text{ }^{\circ}\text{C} \sim +60\text{ }^{\circ}\text{C}$. Please use the strips without waterproof within indoor environment with humidity less than 70%.
- ※ Please be careful during operation. Do not touch the AC power supply in case of electric shock.
- ※ Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.
- ※ Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).