

Specification

Pro series-D980-24V-10mm



General description

- ※ Nichia LED up to 30.5lm(IF=65MA)
- ※ CRI>90(R9>50), SDCM<3, 140lm/W
- ※ High reflective fpc film integrated
- ※ Tinned pad of high oxidation resistance, easy to solder
- ※ L80(B10)>60000H
- ※ Ta:-25~40° C; Tc: 85° C (max)



Dimensions

Max.length: 5000mm

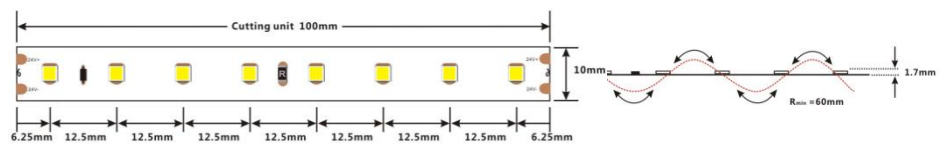
Cutting unit: 100mm/8leds

LED pitch: 12.5mm

Min. bend diameter: Φ 60mm

Mounting: 3M tape

IP: IP20



Electronic & output data

Input voltage: 24VDC

Rated current: 0.72A(1meter) / 2.52A(5meter)

Typical Power: 17.2W(1meter) / 60.5W(5meter)

Power range: 15.6~18W

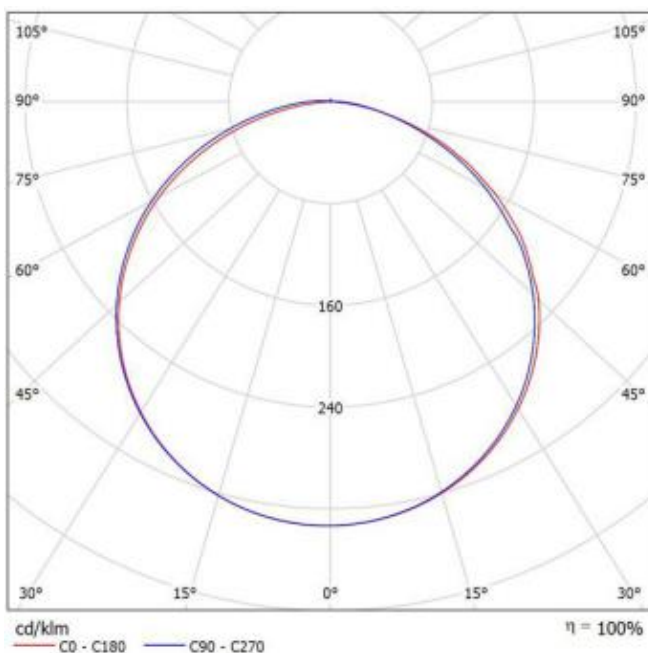
Max.power: 18W (If=75mA)

CRI: >90

On-off times: 10000 (test times)

Color	SW	WW	NW	W
CCT	2700K	3000K	4000K	6500K
Lumen	2350lm	2480lm	2560lm	2520lm
Lm/W	136	144	149	146
Energy efficiency class	A++	A++	A++	A++

1.The tolerance of output data can be vary up to 10%
 2.the output data tested according to IES LM-79-08
 3.the output data is based on IP20/1merter
 4.IP protection process leads changes to size, CCT and luminous flux

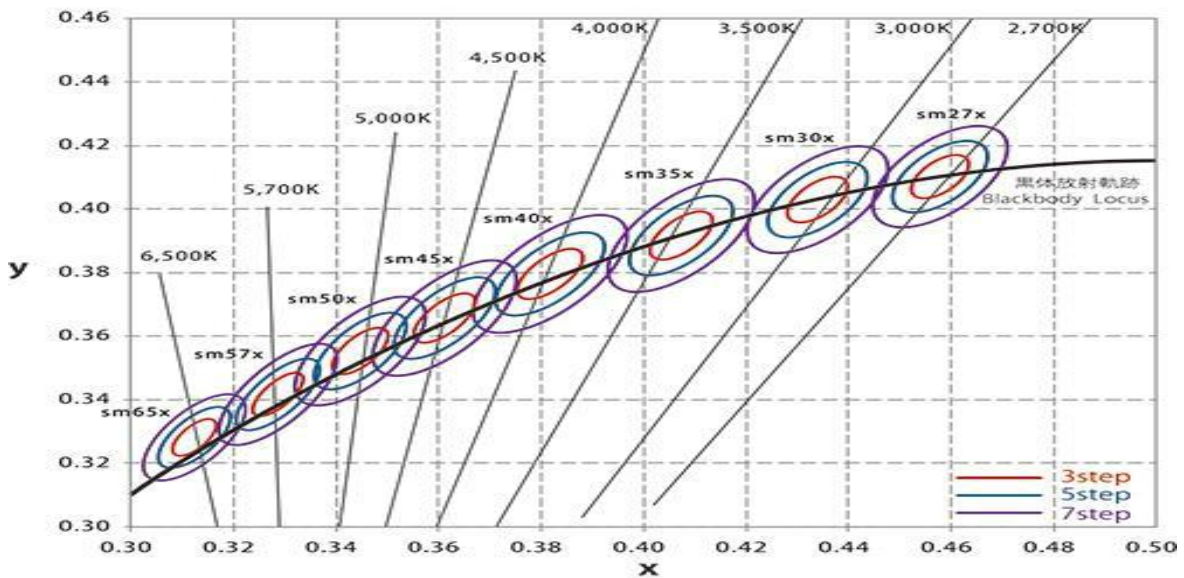


Height	Eavg, Emax	Angle:115.78deg	Diameter
1m	208.4, 753.11x		318.73cm
2m	52.10, 188.31x		637.46cm
3m	23.15, 83.681x		956.20cm
5m	8.336, 30.131x		1593.66cm
7m	4.253, 15.371x		2231.13cm

Recommended profiles/optics

Model	LS1613(B)	LS1911K(B)	LS1911C(B)	LS1911P(B)	LG3030C(B)	LG3030K(B)
Size(mm)	16X13	19X11	19X11	19X11	30X30	30X30
Max.power(W/)	28W	28W	28W	28W	28W	28W
Drawing						
Model	LE2507	LE2513	LT60	LT90	LT120	
Size(mm)	25X07	25X13	φ 60	φ 60	φ 60	
Max.power(W/m)	28W	28W	30W	30W	30W	
Drawing						

BIN Code



This series provides only 2700 k / 3000 k / 4000 k / 5000 k / 6500

Accessories Information

Type	Name	Picture	Code	Color	Protection technique	Remark
wire cable with connector	red and black cable		94-01-00-0001 (head) /94-01-00-0002 (tail)	red/black	NO	20AWG L=120mm
	Two core SM-male wire		94-01-00-0012	red/black	NO	20AWG L=150mm
	Two core SM-female wire		94-01-00-0013	red/black	NO	20AWG L=150mm
	Two core DC-male wire		94-01-00-0020	black	NO	20AWG L=150mm
	Two core DC-female wire		94-01-00-0021	black	NO	20AWG L=150mm
	single pin,"-"shape wire connector		94-01-00-0043	red/black	-	Wire Diameter < 2.1mm
	single pin,"T"shape wire connector		94-01-00-0044	red/black	-	Wire Diameter < 2.1mm
	double pin,"-"shape wire connector		94-01-00-0045	red/black	-	Wire Diameter < 2.1mm
	double pin,"T"shape wire connector		94-01-00-0046	red/black	-	Wire Diameter < 2.1mm
	Split-box		94-01-00-0047	-	-	-
	Quick wiring		94-01-00-0048	-	-	-
connector	Solder free terminal		94-03-00-0037	transparent	NO	-
	Solder free terminal		94-42-621020004	transparent	NO	-
Fixed parts	10mm Tube clamps		94-02-00-0018	transparent	NO	-

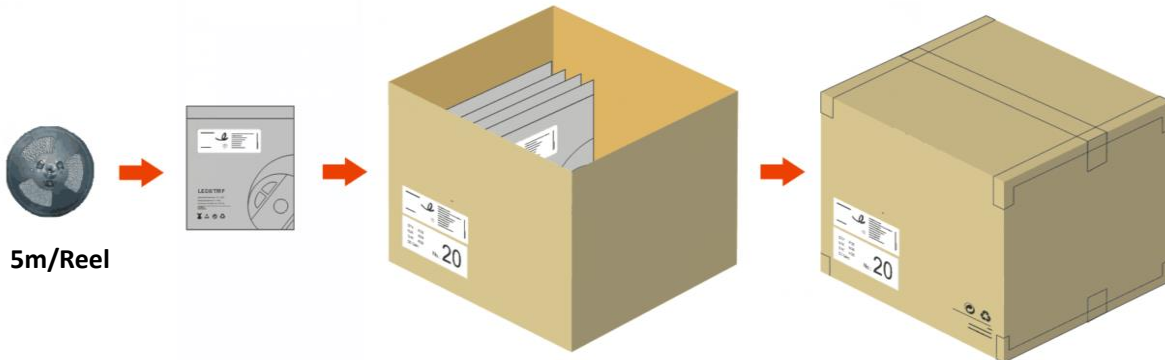
Order Code Formats

1:Category		2:LED		3:LED/m		4:Voltage		5:FPC Width		6:IP Process		7:CRI		8:CCT	
D	-	9	3030	80	80 LED	24	24V	10	10mm	NO	NO	9	>90	SW	2700K
														WW	3000K
														NW	4000K
														W	6000K
9:Silk Printing		10: Entry cable		11:Wire type		12:Wire length		13:Tape type		14:Label Type		15: Strip Length			
C	COLORS	S	Single	A	red and black cable	012	12cm	W	White 3M	C	COLORS	0050	0.5m		
S	customized	D	doubel	B	SM-male wire	020	20cm	Y	Yellow 3M	S	customized	0100	1m		
N	Neutral	X	Nothing	C	SM-female wire	050	50cm	R	Red tape			0200	2m		
				X	Nothing	100	100cm	X	Nothing			0500	5m		
						000	Nothing								

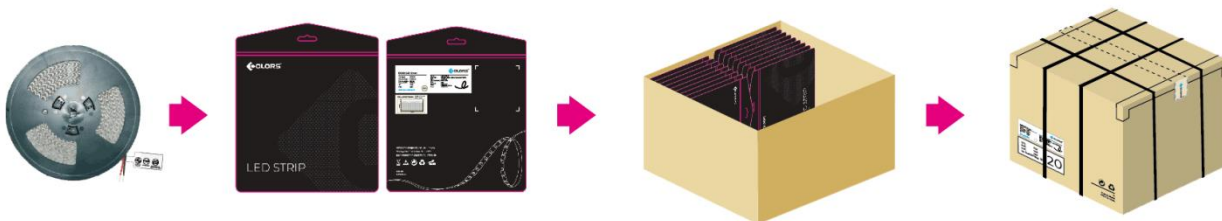
D9802410NO-9NWCDA012WC0500

Packing

1. Non- brand of NO(IP20).



2. Brand of NO(IP20)



5m/Reel

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).

