Specification

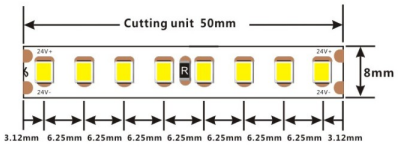
Full-spectrum series-D8160

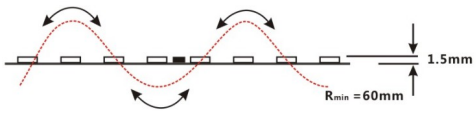
General description

1. LED full-spectrum strip
2. CRI≥98,Rf≥96,Rg≥98@4000K
3. LM80 certificated,With life span over 36000H
4. Ta:-25~40℃;Tc:75℃（max）

Dimensions

Max.length： 5000mm
Cutting unit： 50mm/8leds
LED pitch： 6.25mm
Min. bend diameter： Φ60mm
Mounting： 3M tape
IP： IP33/55/65/67



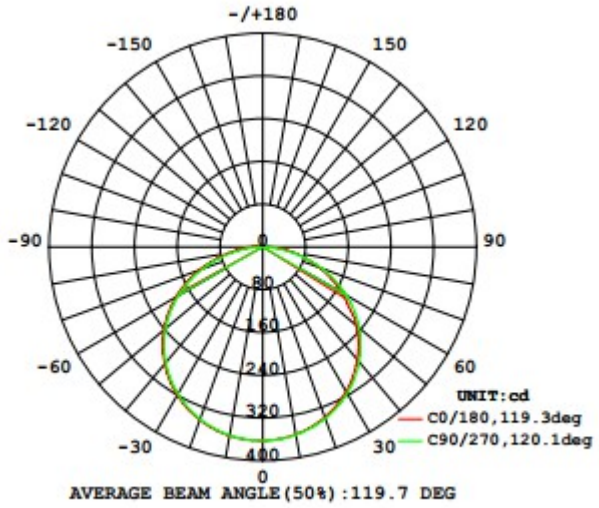


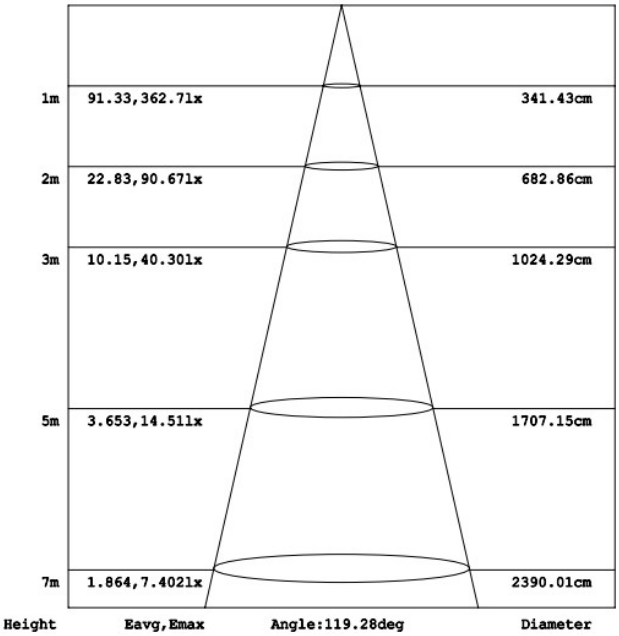
Electronic & output data

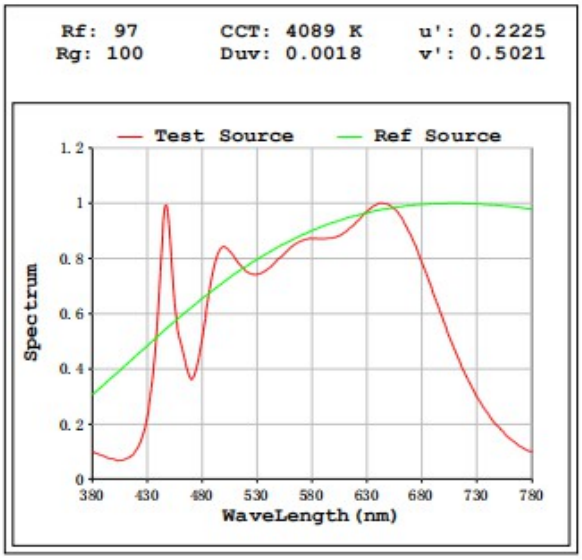
Input voltage： 24VDC
Rated current： 0.45A(1meter) /1.93A(5meter)
Typical Power： 10.8W(1meter) /46.3W(5meter)
Power range: 9.6~12W
Max.power: 12W（IF=20mA）
CRI： ⩾98
On-off times： 10000（test times）

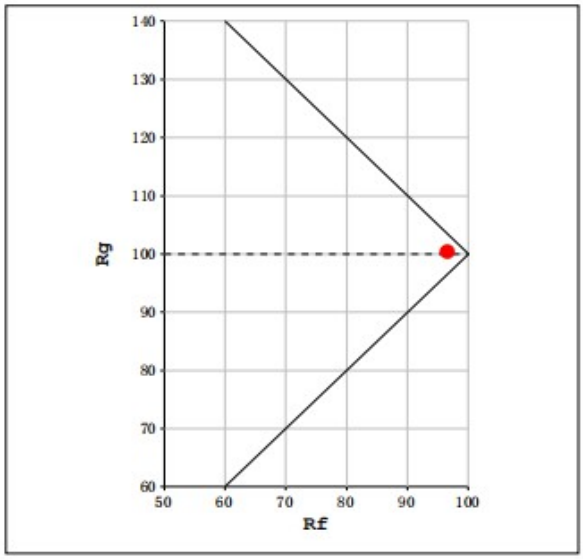
Color	SW	WW	NW	W
CCT	2700K	3000K	4000K	6000K
Lumen	960lm	990lm	1050lm	1020lm
Lm/W	88	90	95	92
Energy efficiency	A+	A+	A+	A+

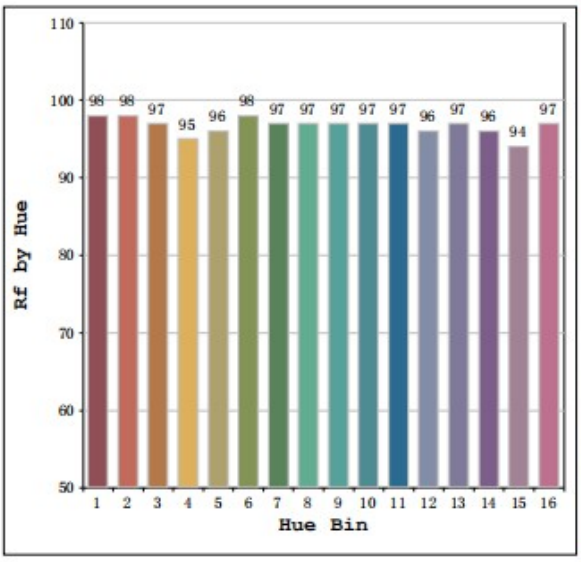
1.The tolerance of output data can be vary up to 10%
2.the output data tested according to IES TM-30-15
3.the output data is based on IP33/1merter
4.IP protection process leads changes to size, CCT and luminous flux

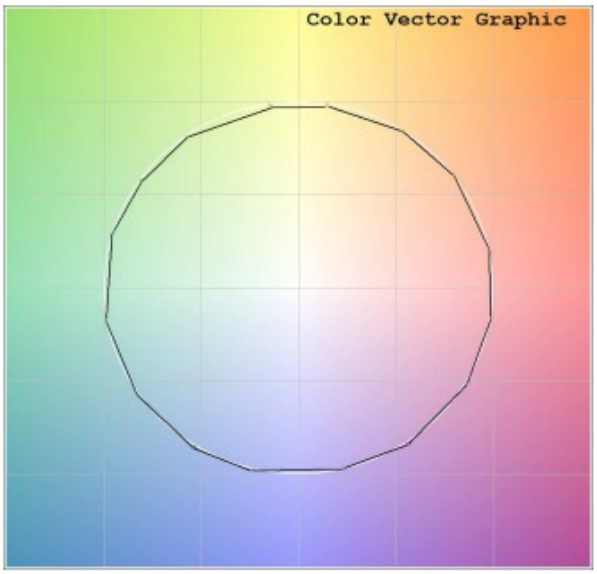




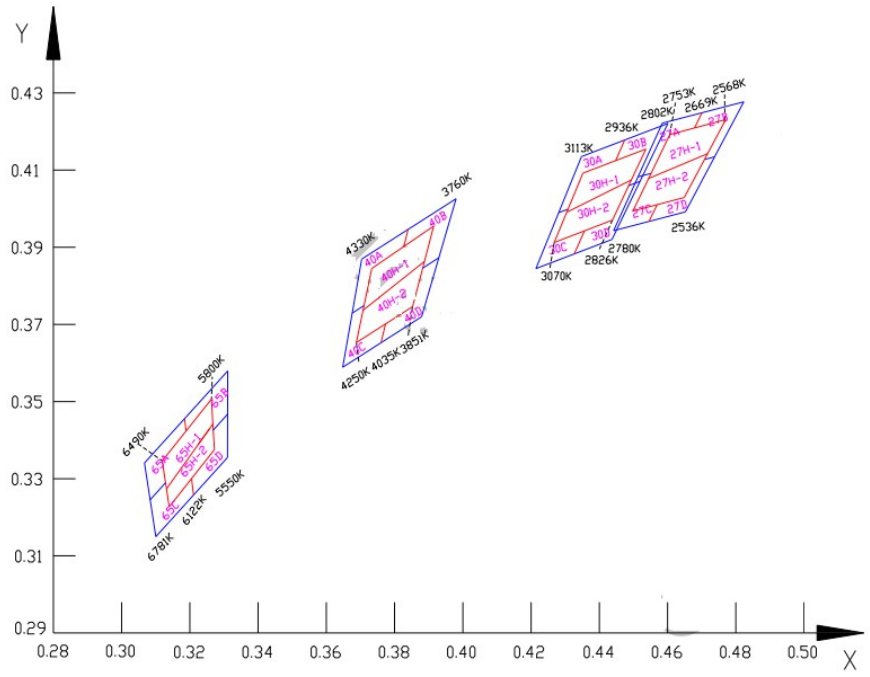

Rf: 97
CCT: 4089 K
u': 0.2225
Rg: 100
Duv: 0.0018
v': 0.5021
Test Source
Ref Source
Spectrum
WaveLength (nm)


Rg
Rf


Rf by Hue
Hue Bin


Color Vector Graphic

BIN



Accessories Information

Type	Name	Picture	Code	Color	protection technique	Remark
wire cable with connector	red and black cable		94.31.20201201（head）/94.31.20201202（tail）	red/black	NO/ST/SF/NA/SG	20AWG L=120mm
	Two core SM-male wire		94.34.20201501	red/black	NO	20AWG L=150mm
	Two core SM-female wire		94.34.20201502	red/black	NO	20AWG L=150mm
	Two core DC-male wire		94.35.20201501	black	NO/SG	20AWG L=150mm
	Two core DC-female wire		94.35.20201502	black	NO/SG	20AWG L=150mm
	Two core PVC-male wire		94.35.21201501	white	ST/SF/NA/SG	20AWG L=150mm
	Two core PVC-female wire		94.35.21201502	white	ST/SF/NA/SG	20AWG L=150mm
	Two core Lucid wire		94.32.20202001	transparent	ST/SF/NA/SG	20AWG L=200mm
	Two core Lucid-male wire		94.35.23201501	transparent	ST/SF/NA/SG	20AWG L=150mm
	Two core Lucid-female wire		94.35.23201502	transparent	ST/SF/NA/SG	20AWG L=150mm
	single pin,"-"shape wire connector		94.51.110000003	black	-	Wire Diamerer＜2.1mm
	single pin,"T"shape wire connector		94.51.110000005	black	-	Wire Diamerer＜2.1mm
	double pin,"-"shape wire connector		94.51.110000004	black	-	Wire Diamerer＜2.1mm
	double pin,"T"shape wire connector		94.51.110000006	black	-	Wire Diamerer＜2.1mm