

PRO Series Specification

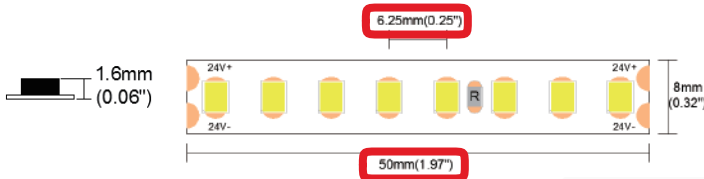
# D8160

## 24V-8mm



## 【General description】

- Luminance efficiency up to 155LM/W
- Self-encapsulated design offers eight optional 1900-6000K white lights
- With life span over 60000H
- Ta: -25~40°C; Tc: 75°C (max)



## 【Dimension】

Input voltage: DC24V

CRI: 80/90/95

Max.power: 14.4W(1m)

Power range: 11.7~14.4W(1m)

Rated current: 0.54A(1m) /2.4A(5m)

Typical Power: 13W(1m) /57.6W(5m)

tape IP: IP20/IP65/IP67

On-off times: 10000 (test times)

Warranty: 5years

(Warranty is based on indoor use)

Max.length: 5000mm(16.4')

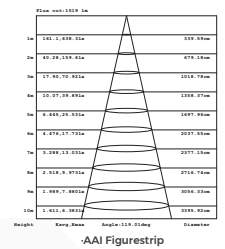
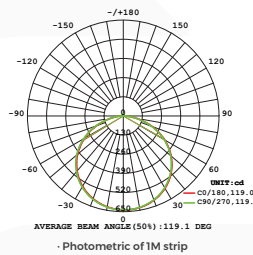
Cutting unit: 8leds/50mm(1.97')

LED pitch: 6.25mm(0.25")

Min. bend diameter:  $\Phi$ 60mm(2.36")

Mounting: 3M tape

Copper foil: 3oz



## 【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>80	GW	1900K	1530	465	118	F
Ra>80	LW	2300K	1700	515	131	E
Ra>80	SW	2700K	1835	555	141	E
Ra>80	WW	3000K	1935	585	149	E
Ra>80	PW	3500K	1965	595	151	E
Ra>80	NW	4000K	2015	610	155	D
Ra>80	DW	5000K	2015	610	155	D
Ra>80	W	6000K	1935	585	149	E
Ra>90	GW	1900K	1250	380	96	F
Ra>90	LW	2300K	1390	420	107	F
Ra>90	SW	2700K	1505	455	116	E
Ra>90	WW	3000K	1585	480	122	E
Ra>90	PW	3500K	1610	490	124	E
Ra>90	NW	4000K	1650	500	127	E
Ra>90	DW	5000K	1650	500	127	E
Ra>90	W	6000K	1585	480	122	E

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>95	GW	1900K	1225	370	94	F
Ra>95	LW	2300K	1360	410	105	F
Ra>95	SW	2700K	1470	445	113	F
Ra>95	WW	3000K	1545	470	119	F
Ra>95	PW	3500K	1570	475	121	F
Ra>95	NW	4000K	1610	490	124	E
Ra>95	DW	5000K	1610	490	124	E
Ra>0	C	525nm	1170	355	90	/
Ra>0	B	470nm	260	80	20	/

- 1.The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/1merter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

