



Model No.	SLQCxx5050-IP65
REV.	C1

## PRODUCT SPECIFICATION FOR 5meterLED Ribbon Light

### Descriptions:

- Linear separable LED strip on flexible printed circuit board with self-adhesive back
- Long life, easy installation · **IP65**
- Voltages available 12VDC
- LED type SMD 5050
- 5 meters/roll

### Features:

- Available in red, orange, yellow, green, blue, white and warm white
- Directly use on line voltage
- Low power consumption, high intensity
- Energy saving
- Excellent beam control
- Long life

### Application:

- Auto lighting
- Channel letter signs
- Indirect accent décor light
- Large area back lighting
- Under counter light
- Decorate building's contour
- Substitute neon light

### Product Picture:





Model No.	SLQCxx5050-IP65
REV.	C1

#### Device Selection Guide

Module No.	Color	Dom. Wavelength (Typ.)	Intensity / Per LED (Typ.)
SLQCR5050-IP65	Red	625±5nm	1120 mcd
SLQCN5050-IP65	Orange	605±5nm	1120 mcd
SLQCAM5050-IP65	Yellow	590±5nm	1120 mcd
SLQCV5050-IP65	Green	525±5nm	3000 mcd
SLQCAZ5050-IP65	Blue	470±5nm	1560 mcd
SLQCB5050-IP65	White	X=0.27 ; Y=0.28	7000 mcd
SLQCBC5050-IP65	Warm White	X=0.45 ; Y=0.41	5000 mcd
SLQCP5050-IP65	Pink	X=0.45 ; Y=0.17	1900 mcd
SLQCRGB-IP65	Red	625±5nm	500 mcd
	Green	525±5nm	1120 mcd
	Blue	470±5nm	400 mcd

#### Absolute Maximum Ratings(Ta=25°C)

Items	Symbol	Values	Units
Operating Supply Range(DC)	V <sub>dc</sub>	14	V
Input Current (DC)	I <sub>i</sub>	9	A
Power Dissipation	P <sub>a</sub>	126	W
LED Light Source Temperature	T <sub>led</sub>	105	DegC
Operating Temperature	T <sub>ope</sub>	-10 ~ +40	DegC
Storage Temperature	T <sub>sto</sub>	-20 ~ +80	DegC

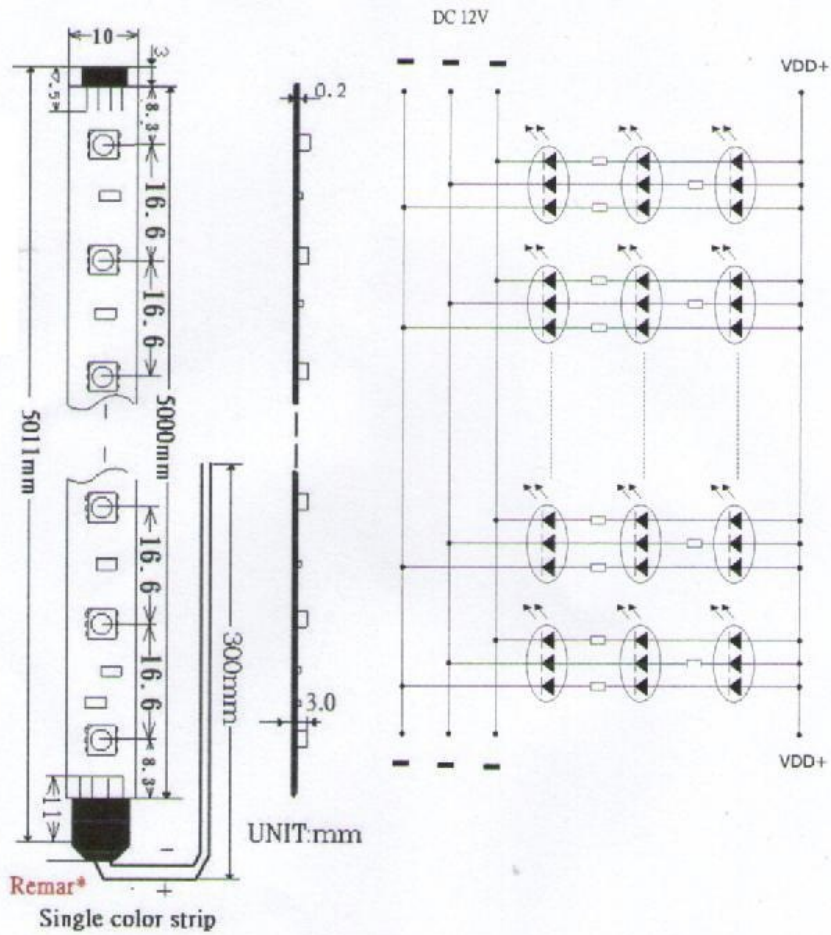
#### Typical Performance (Ta=25°C)

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P <sub>m</sub>	-	72	126	w
Input Voltage(DC)	V <sub>i</sub>	-	12	14	V
Product Input Current	I <sub>f</sub>	-	6	9	A
Beam Pattern	BP	-	120	-	Deg
LED Quantity	QTY	-	300	-	PCS
Total Length of Modules (Including Pin)	L <sub>mod.</sub>	-	5011	-	mm
Net Weight	Wei.	---	100	---	g



Model No.	SLQCxx5050-IP65
REV.	C1

**Product Dimensions:**



**Remark:**

- 1) For single color, use 2-wire (Red, black) external connection wire in which three internal "-" are shorted.
- 2) For RGB color, use 4-wire (Yellow, Green, Red, Blue) external connection wire.