5050 SERIES

2100-6500K

5050 LED strip with SDCM≤3 for high color consistency.
Available in CRI80, CRI90, and CRI95 options. Features copper base and gold wire
for excellent heat dissipation, long lifespan, and low luminous decay. Offers small cuttable
lengths for flexible installation. Standard IP20 rating, upgradeable to IP54, IP65, IP67,
or IP68 protection.

Omni Via

5050 SERIES 30

5050 SERIES, SDCM≤3 to ensure colour consistency.

Small cuttable length to support freely configurable in length for precise site installation.

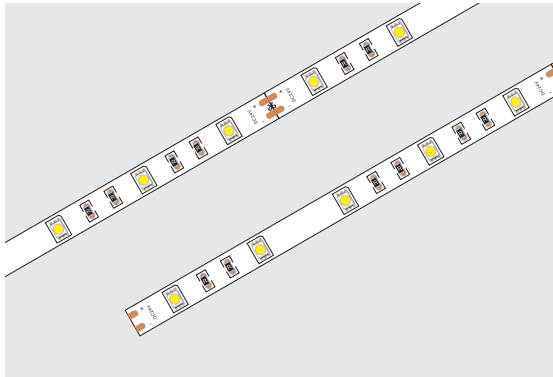It is IP20, which can be upgraded to IP54, IP65, IP67 and IP68 protection.
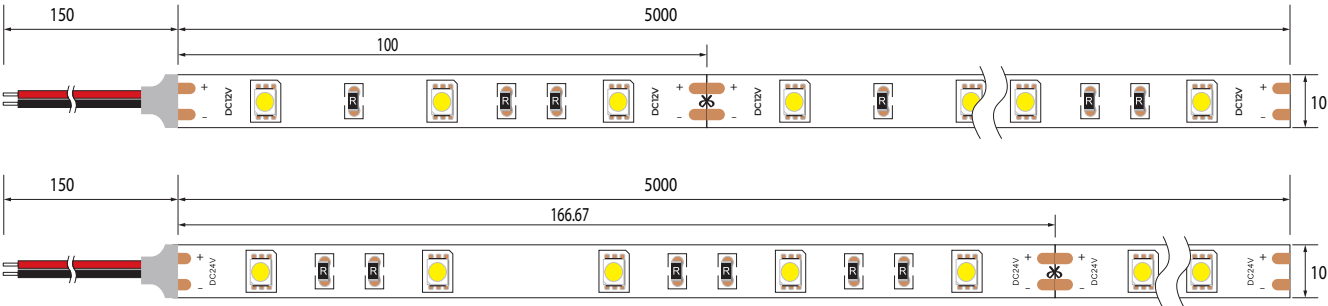
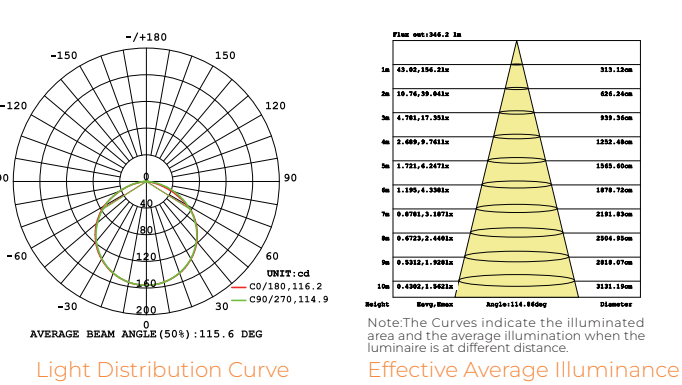Consistency One Bin | Warranty 5 Years | 3-Step MacAdam

Dimensions

Technical Data

Input voltage	DC12V	DC24V
CRI(Ra)	>90	>90
Lm/w@4000k	62.3	62.3
Beam angle	120°	120°
LED Chips/m	30LEDs	30LEDs
LONG-life LED	50000h	50000h
Working temperture	-25℃~+45℃	-25℃~+45℃
Cuttable length(mm)	100	166.67
PCB Width(mm)	10	10

Light Distribution Curve

Effective Average Illuminance

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
2700	7.2	417.6	5	CV
3000	7.2	424.8	5	CV
4000	7.2	448.6	5	CV
6500	7.2	432.0	5	CV

*CV: Constant Voltage, CC: Constant Current.

5050 SERIES 60

5050 SERIES, SDCM≤3 to ensure colour consistency.

Small cuttable length to support freely configurable in length for precise site installation.

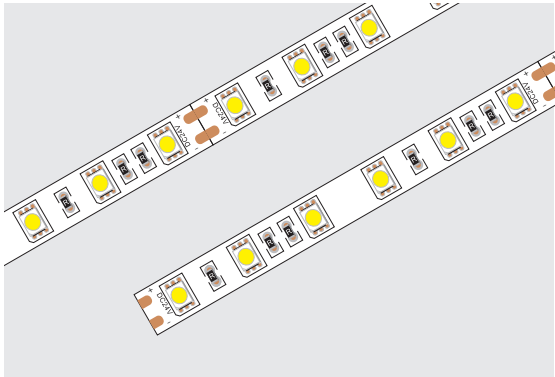It is IP20, which can be upgraded to IP54, IP65, IP67 and IP68 protection.
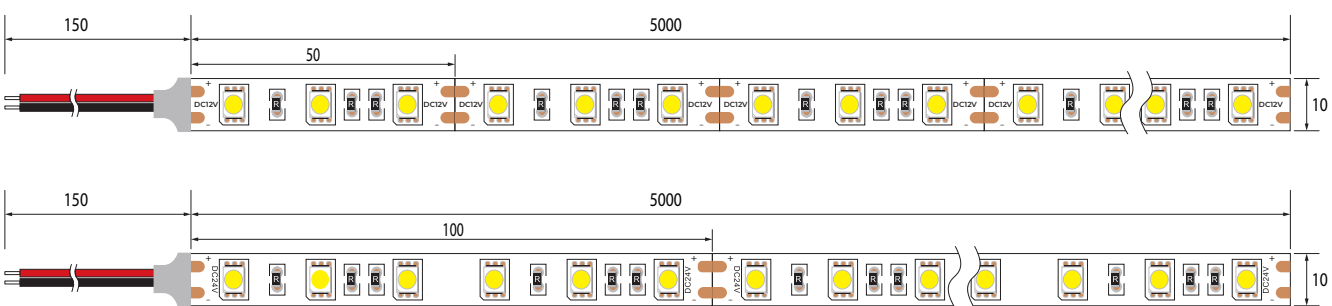
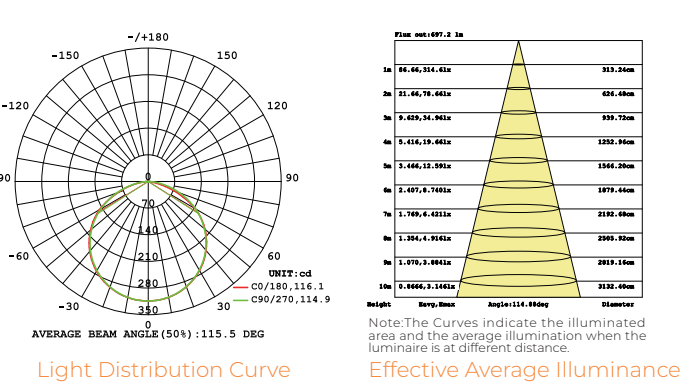Consistency One Bin | Warranty 5 Years | 3-Step MacAdam

Dimensions

Technical Data

Input voltage	DC12V	DC24V
CRI(Ra)	>90	>90
Lm/w@4000k	74.4	74.4
Beam angle	120°	120°
LED Chips/m	60LEDs	60LEDs
LONG-life LED	50000h	50000h
Working temperture	-25℃~+45℃	-25℃~+45℃
Cuttable length(mm)	50	100
PCB Width(mm)	10	10

Light Distribution Curve

Effective Average Illuminance

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
2700	12	828.0	5	CV
3000	12	852.0	5	CV
4000	12	892.8	5	CV
6500	12	876.0	5	CV

*CV: Constant Voltage, CC: Constant Current.

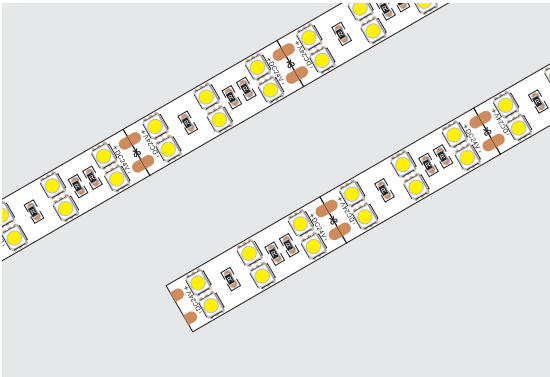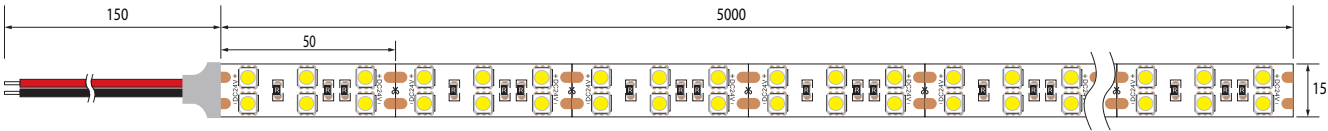# 5050 SERIES 120

5050 LED strip, SDCM≤3 to ensure colour consistency.

Small cuttable length to support freely configurable in length for precise site installation.

It is IP20, which can be upgraded to IP54, IP65, IP67 protection.

Dimensions

150   50   5000   15

Technical Data

Input voltage	DC24V
CRI(Ra)	>90
Lm/w@4000k	73.6
Beam angle	120°
LED Chips/m	120LEDs
LONG-life LED	50000h
Working temperture	-25℃~+45℃
Cuttable length(mm)	50
PCB Width(mm)	15

Voltage
24v DC

3-Step
MacAdam

Consistency
One Bin

Warranty
5 Years

AVERAGE BEAM ANGLE(50%):115.5 DEG

UNIT:cd
— C0/180,116.0
— C90/270,115.5

Light Distribution Curve

Flux out:1306 lm

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.
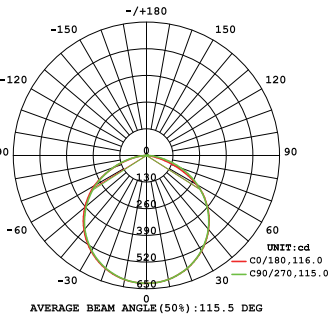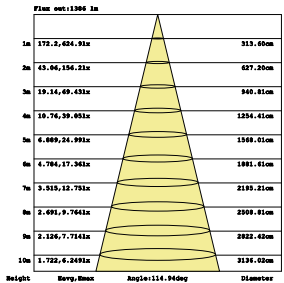
Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
2700	24	1620.0	5	CV
3000	24	1656.0	5	CV
4000	24	1766.4	5	CV
6500	24	1704.0	5	CV

*CV: Constant Voltage, CC: Constant Current.