

RGB SERIES

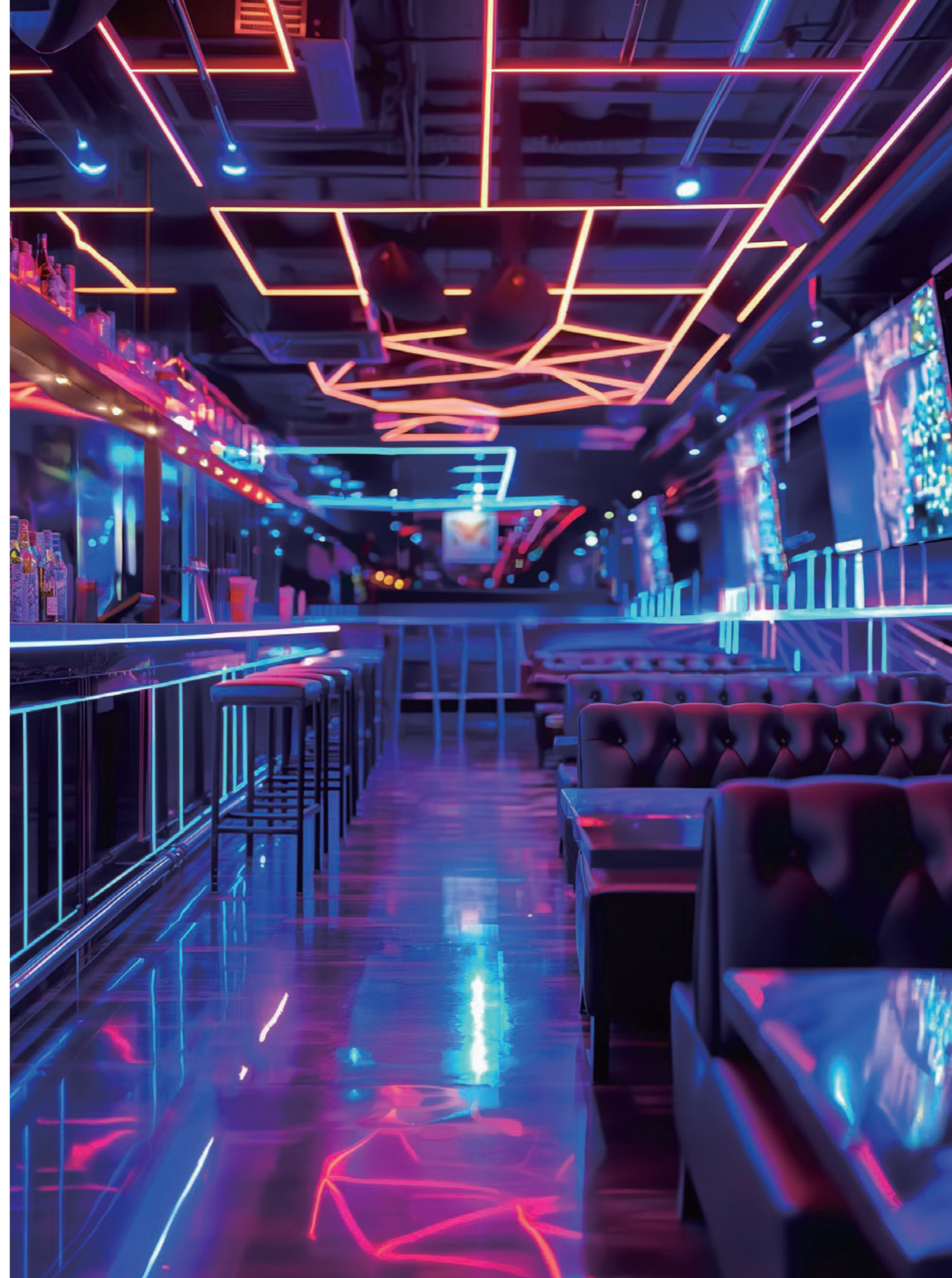


RGB

The RGB colour-changing capability allows for the creation of an extensive palette of vivid hues, subtle shades, and bespoke colour combinations to suit a wide variety of applications. This technology delivers vibrant, dynamic lighting effects and supports smart control systems, enabling seamless adjustment of colour, brightness, and transitions for both decorative and functional lighting environments.



Omni Via



RGB SERIES 30

5050-10MM

Small cuttable lengths to support widely customisable lengths for precise site installation.

Multiple colours changing.

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



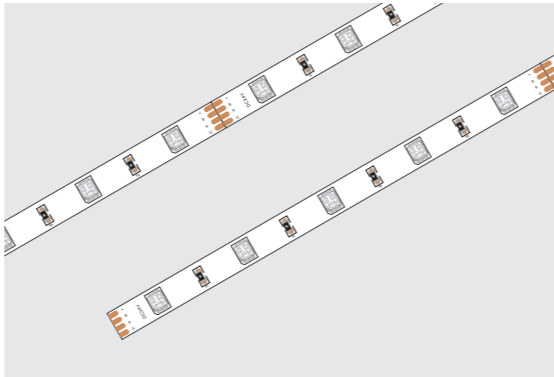
Consistency
One Bin



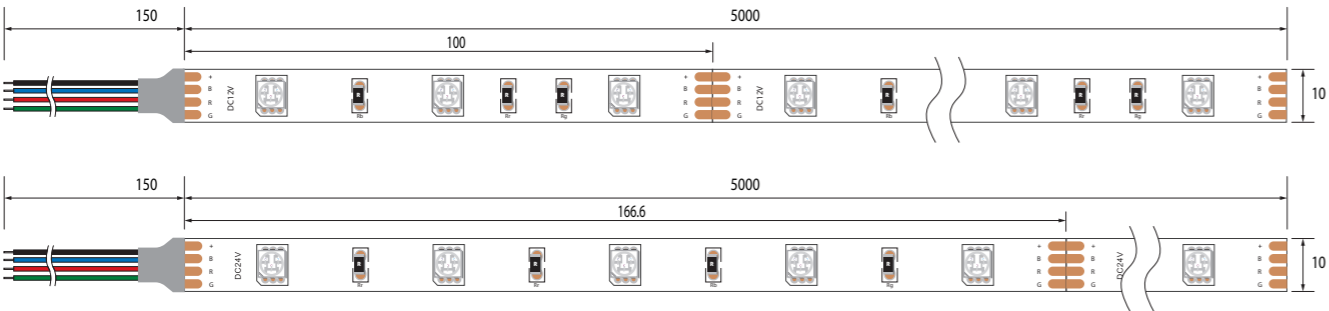
Warranty
5 Years



Multi-Color
RGB

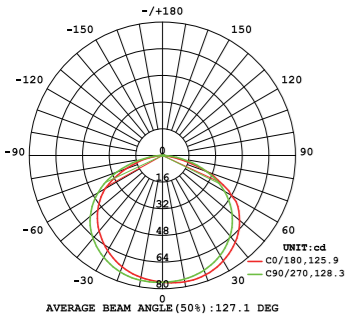


Dimensions

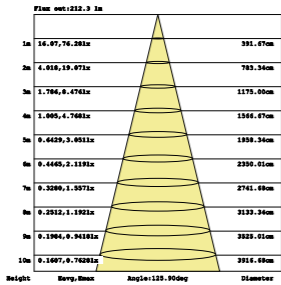


Technical Data

Input voltage	DC12V	DC24V
Lm/w@RGB	36.6	36.6
Beam angle	120°	120°
LED Chips/m	30LEDs	30LEDs
LONG-life LED	50000h	50000h
Working temperture	-25 C ~+45 C	-25 C ~+45 C
Cuttable length(mm)	100	166.6
PCB Width(mm)	10	10



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	2.4	53.3	5	CV
G	2.4	177.4	5	CV
B	2.4	28.3	5	CV
RGB	7.2	263.5	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGB SERIES 60

5050-10MM

Small cuttable lengths to support widely customisable lengths for precise site installation.

Multiple colours changing.

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



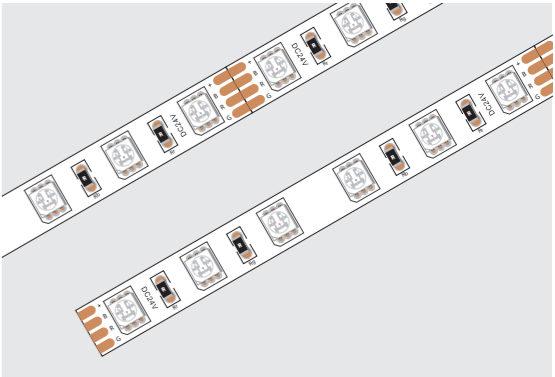
Consistency
One Bin



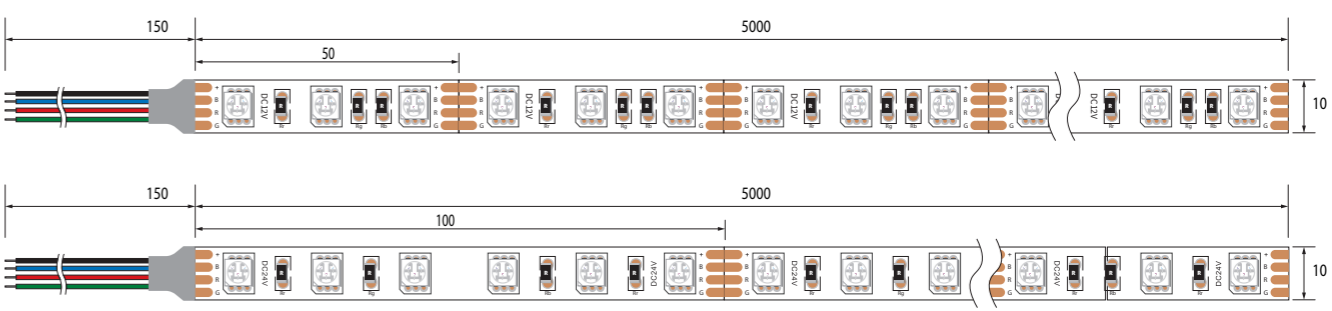
Warranty
5 Years



Multi-Color
RGB

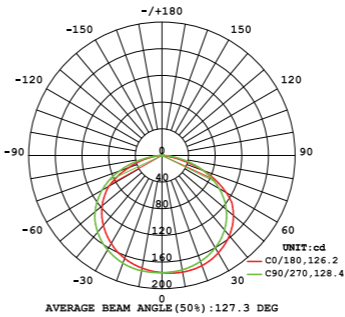


Dimensions

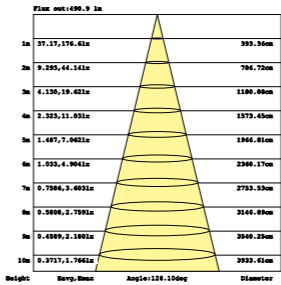


Technical Data

Input voltage	DC12V	DC24V
Lm/w@RGB	40.8	40.8
Beam angle	120°	120°
LED Chips/m	60LEDs	60LEDs
LONG-life LED	50000h	50000h
Working temperture	-25 C ~+45 C	-25 C ~+45 C
Cuttable length(mm)	50	100
PCB Width(mm)	10	10



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	4.8	123.4	5	CV
G	4.8	403.7	5	CV
B	4.8	66.2	5	CV
RGB	14.4	587.5	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGB SERIES 60

020-10MM

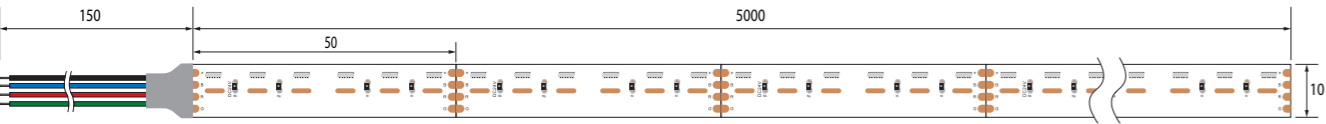
Small cuttable lengths to support widely customisable lengths for precise site installation.

Multiple colours changing.

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



Dimensions



Technical Data

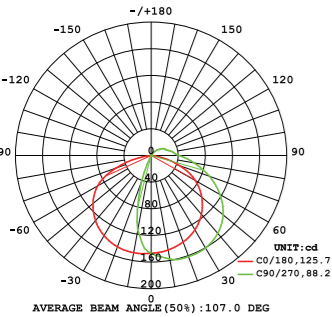
Input voltage	DC24V
Lm/w@RGB	33.4
Beam angle	120°
LED Chips/m	60LEDs
LONG-life LED	50000h
Working temperture	-25 C~+45 C
Cuttable length(mm)	50
PCB Width(mm)	10

Multi-Color
RGB

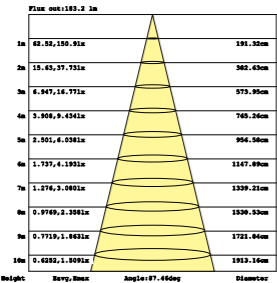
Voltage
24v DC

Consistency
One Bin

Warranty
5 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	4	100.0	5	CV
G	4	253.6	5	CV
B	4	47.2	5	CV
RGB	12	400.8	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGB SERIES 96

5050-12MM

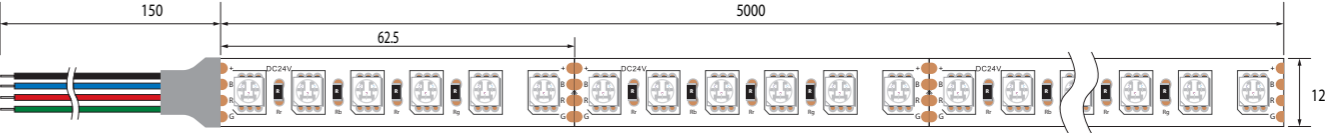
Small cuttable lengths to support widely customisable lengths for precise site installation.

Multiple colours changing.

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



Dimensions



Technical Data

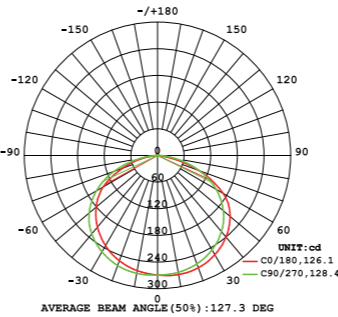
Input voltage	DC24V
Lm/w@RGB	40.4
Beam angle	120°
LED Chips/m	96LEDs
LONG-life LED	50000h
Working temperture	-25 C~+45 C
Cuttable length(mm)	62.5
PCB Width(mm)	12

Multi-Color
RGB

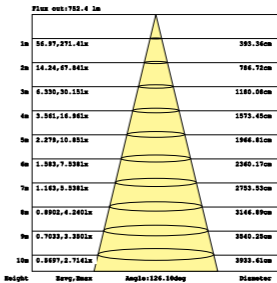
Voltage
24v DC

Consistency
One Bin

Warranty
5 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	7.6	192.3	5	CV
G	7.6	646.8	5	CV
B	7.6	107.9	5	CV
RGB	23	929.2	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGB SERIES 120

5050-12MM

Small cuttable lengths to support widely customisable lengths for precise site installation.

Multiple colours changing.

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



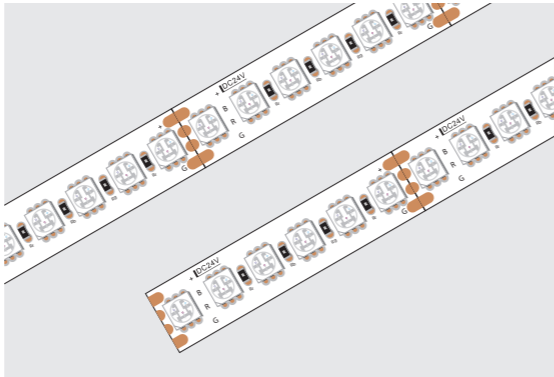
Consistency
One Bin



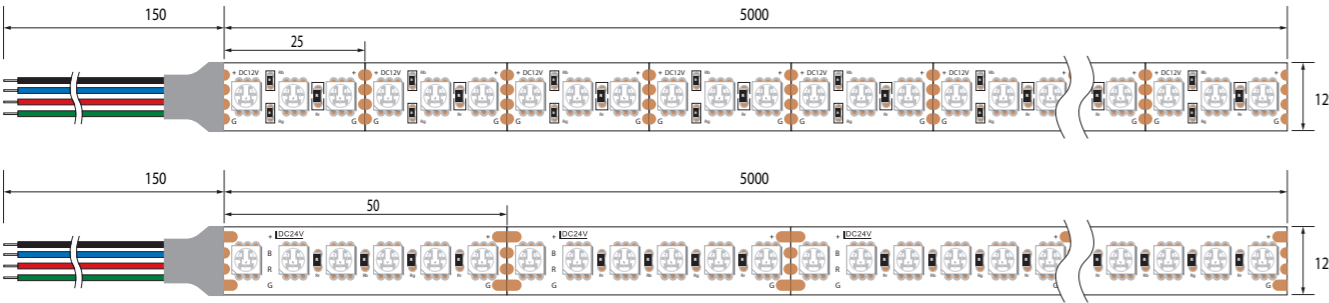
Warranty
5 Years



Multi-Color
RGB

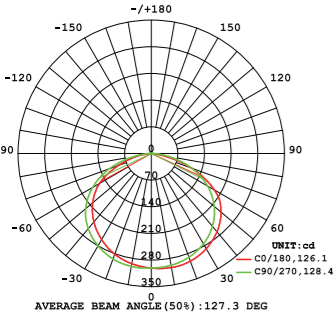


Dimensions

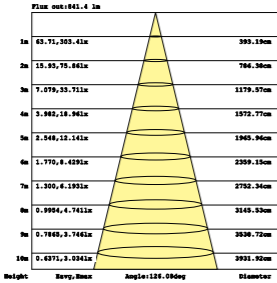


Technical Data

Input voltage	DC12V	DC24V
Lm/w@RGB	41.7	41.7
Beam angle	120°	120°
LED Chips/m	120LEDs	120LEDs
LONG-life LED	50000h	50000h
Working temperture	-25 C ~+45 C	-25 C ~+45 C
Cuttable length(mm)	25	50
PCB Width(mm)	12	12



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	8	194.4	5	CV
G	8	701.6	5	CV
B	8	115.2	5	CV
RGB	24	1000.8	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGB SERIES 120

2835-5MM

Small cuttable lengths to support widely customisable lengths for precise site installation.

Multiple colours changing.

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



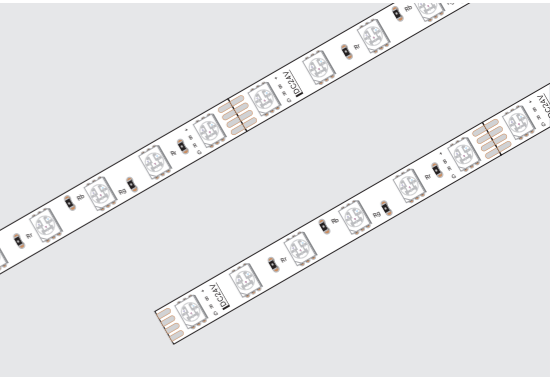
Consistency
One Bin



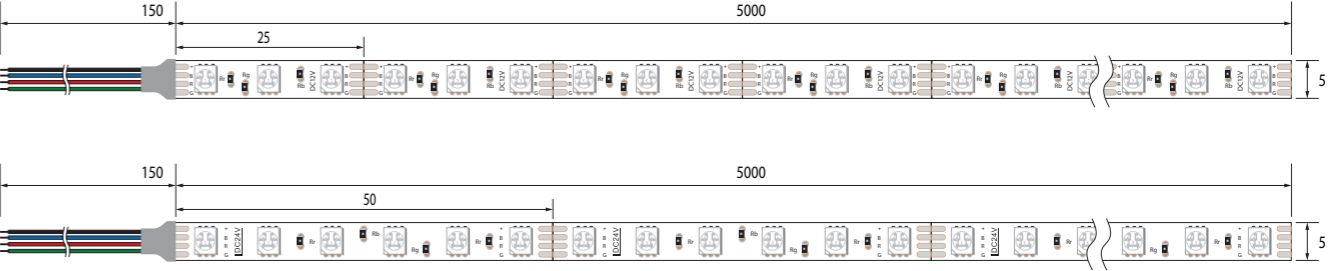
Warranty
5 Years



Multi-Color
RGB

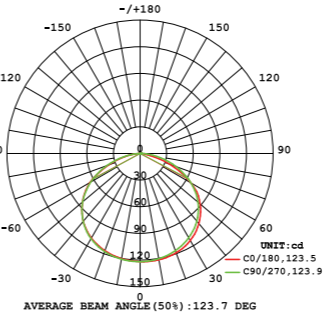


Dimensions

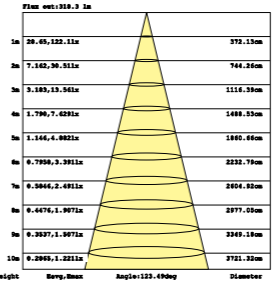


Technical Data

Input voltage	DC12V	DC24V
Lm/w@RGB	39.2	39.2
Beam angle	120°	120°
LED Chips/m	120LEDs	120LEDs
LONG-life LED	50000h	50000h
Working temperture	-25 C ~+45 C	-25 C ~+45 C
Cuttable length(mm)	25	50
PCB Width(mm)	5	5



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	3.3	82.8	5	CV
G	3.3	267.3	5	CV
B	3.3	39.3	5	CV
RGB	10	392.0	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGB SERIES 120

3838-8MM

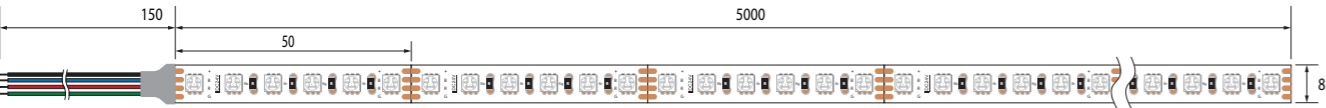
Small cuttable lengths to support widely customisable lengths for precise site installation.

Multiple colours changing.

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



Dimensions



Technical Data

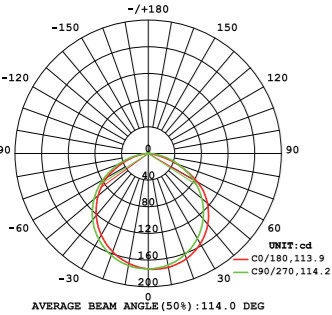
Input voltage	DC24V
Lm/w@RGB	42.7
Beam angle	120°
LED Chips/m	120LEDs
LONG-life LED	50000h
Working temperture	-25 C~+45 C
Cuttable length(mm)	50
PCB Width(mm)	8

Multi-Color
RGB

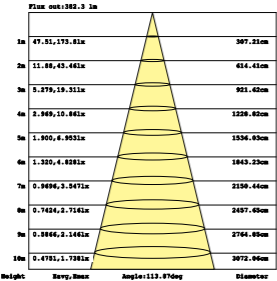
Voltage
24v DC

Consistency
One Bin

Warranty
5 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	4	112.8	5	CV
G	4	329.6	5	CV
B	4	70.8	5	CV
RGB	12	512.4	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGB SERIES 240

3838-12MM

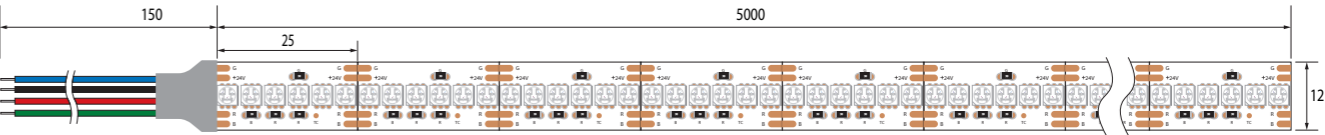
Small cuttable lengths to support widely customisable lengths for precise site installation.

Multiple colours changing.

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



Dimensions



Technical Data

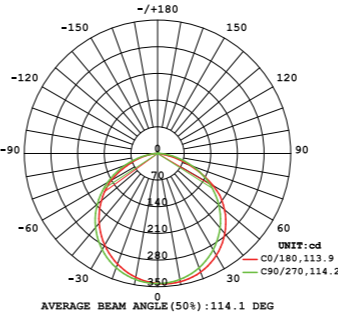
Input voltage	DC24V
Lm/w@RGB	41.7
Beam angle	120°
LED Chips/m	240LEDs
LONG-life LED	50000h
Working temperture	-25 C~+45 C
Cuttable length(mm)	25
PCB Width(mm)	12

Multi-Color
RGB

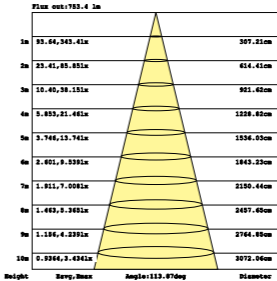
Voltage
24v DC

Consistency
One Bin

Warranty
5 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	8	238.4	5	CV
G	8	654.4	5	CV
B	8	142.4	5	CV
RGB	24	1000.8	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGB SERIES LONG RUN 15M

5050-12MM

Small cuttable lengths to support widely customisable lengths for precise site installation.

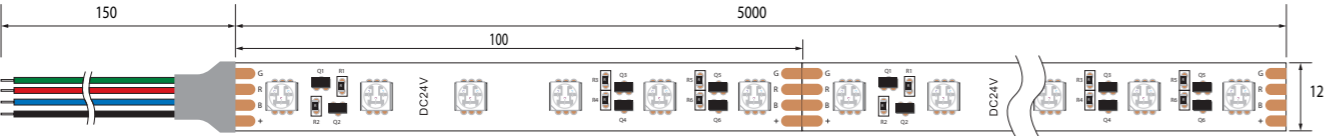
Multiple colours changing.

RGB 24V Long Run offers continuous lighting.

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




Dimensions




Technical Data


Input voltage	DC24V
Lm/w@RGB	42.5
Beam angle	120°
LED Chips/m	60LEDs
LONG-life LED	50000h
Working temperture	-25 C ~+45 C
Cuttable length(mm)	100
PCB Width(mm)	12




Multi-Color
RGB



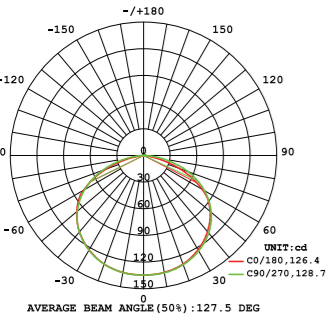
Voltage
24v DC



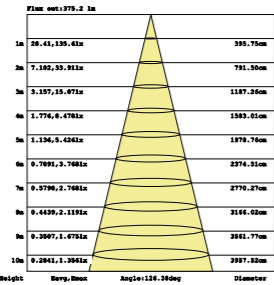
Consistency
One Bin



Warranty
5 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	3.6	85.3	15	CC
G	3.6	325.1	15	CC
B	3.6	50.8	15	CC
RGB	11	467.5	15	CC

*CV: Constant Voltage, CC: Constant Current.

RGB SERIES LONG RUN 50M

5050-12MM

Small cuttable lengths to support widely customisable lengths for precise site installation.

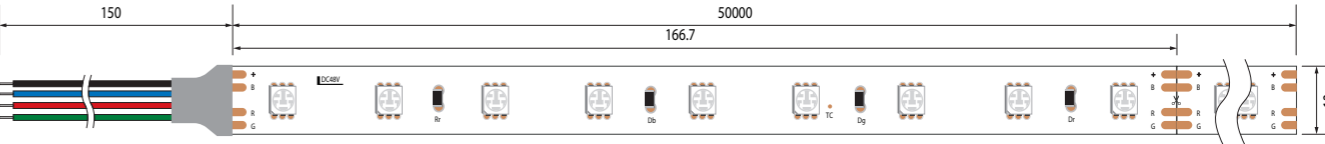
Multiple colours changing.

RGB 48V Long Run offers continuous lighting.

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




Dimensions




Technical Data


Input voltage	DC48V
Lm/w@RGB	35.9
Beam angle	120°
LED Chips/m	54LEDs
LONG-life LED	50000h
Working temperture	-25 C ~+45 C
Cuttable length(mm)	166.7
PCB Width(mm)	12




Multi-Color
RGB



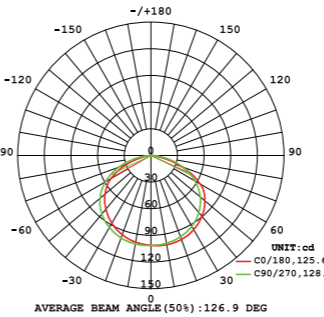
Voltage
48v DC



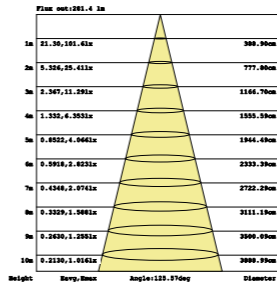
Consistency
One Bin



Warranty
5 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	3.13	64.2	50	CC
G	3.13	235.7	50	CC
B	3.13	39.4	50	CC
RGB	9.4	337.7	50	CC

*CV: Constant Voltage, CC: Constant Current.