

RGBW SERIES



RGBW

The RGBW (Red, Green, Blue, White) colour-changing function enables a wide range of hues, shades and colour combinations for diverse applications. It delivers vibrant, dynamic effects with smart control compatibility for seamless adjustment of colour and brightness. Available with separate RGB + White LEDs or integrated 4-in-1 LEDs, it ensures excellent white colour consistency (\leq SDCM3) and uniform illumination.



Omni Via



RGBW 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.



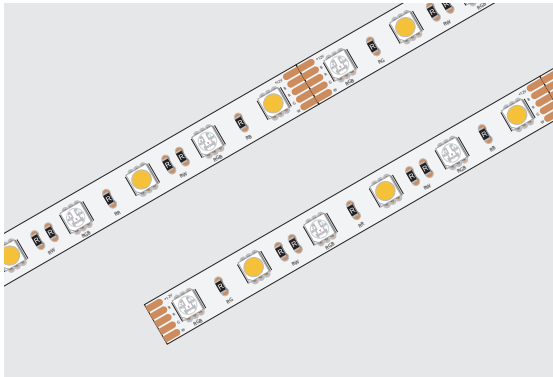
Consistency
One Bin



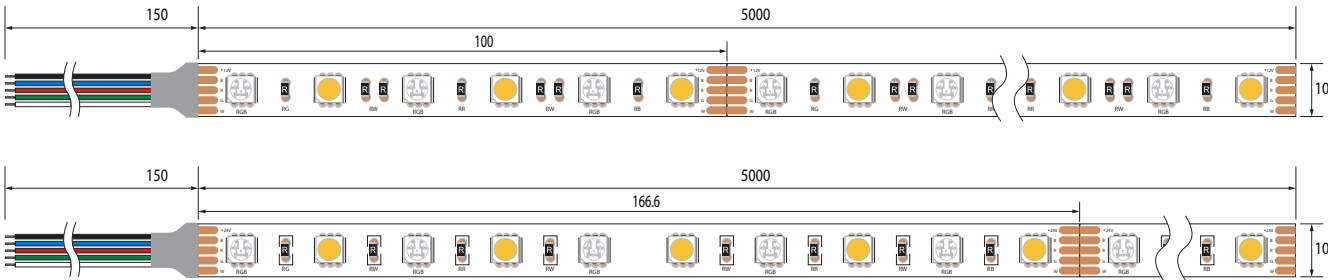
Warranty
5 Years



3-Step
MacAdam

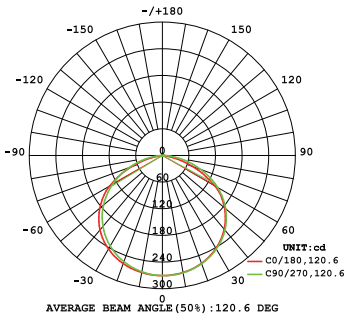


Dimensions

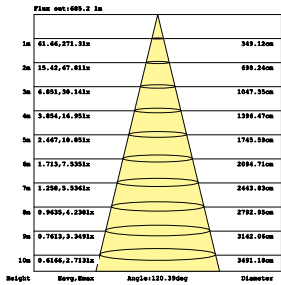


Technical Data

Input voltage	DC12V	DC24V
CRI(Ra)	>90	>90
Lm/w@RGBW	48.4	48.4
Beam angle	120°	120°
LED Chips/m	60LEDs	60LEDs
LONG-life LED	50000h	50000h
Working temperture	-25℃~+45℃	-25℃~+45℃
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	55.4	5	CV
G	2.4	181.4	5	CV
B	2.4	31.0	5	CV
4000K	7.2	464.4	5	CV
RGBW	14.4	697.0	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGBW SERIES 72

020RGB+3014W-12MM

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

Multiple colours changing.

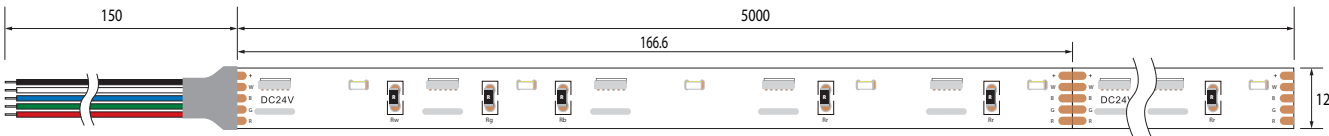
It is IP20, which can be upgraded to IP54, IP65, IP67 protection.








Dimensions




Technical Data


Input voltage	DC24V
CRI(Ra)	>80
Lm/w@RGBW	40.8
Beam angle	120°
LED Chips/m	72LEDs
LONG-life LED	50000h
Working temperture	-25℃~+45℃
Cuttable length(mm)	166.6
PCB Width(mm)	12




Voltage
24v DC



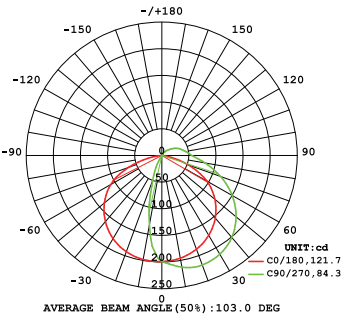
3-Step
MacAdam



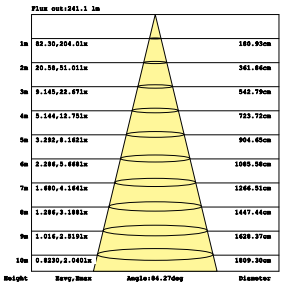
Consistency
One Bin



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	68.4	5	CV
G	3	176.1	5	CV
B	3	33.3	5	CV
4000K	3	279.9	5	CV
RGBW	12	489.6	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGBW SERIES 120

5050-20MM

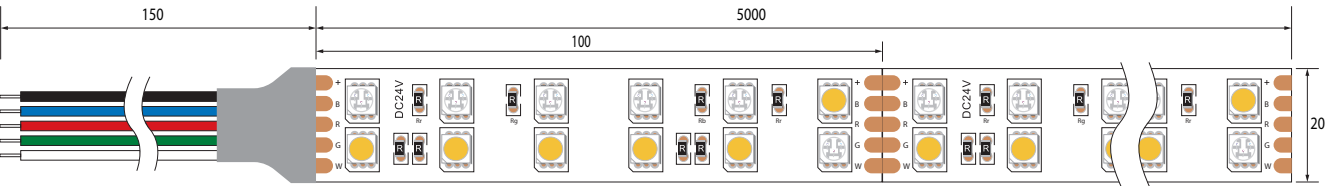
Small cuttable lengths to support widely customisable lengths for precise site installation.

Multiple colours changing.

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



Dimensions



Technical Data

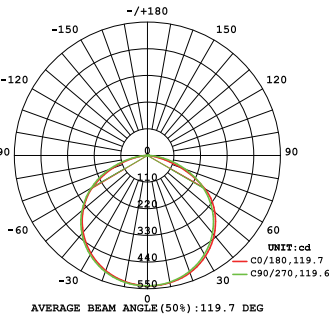
Input voltage	DC24V
CRI(Ra)	>90
Lm/w@RGBW	56.6
Beam angle	120°
LED Chips/m	120LEDs
LONG-life LED	50000h
Working temperture	-25℃~+45℃
Cuttable length(mm)	100
PCB Width(mm)	20

Voltage
24v DC

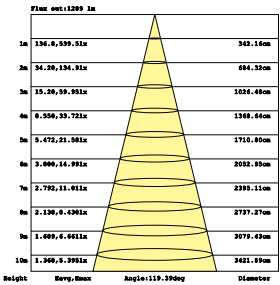
3-Step
MacAdam

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	4.8	132.5	5	CV
G	4.8	408.5	5	CV
B	4.8	71.0	5	CV
4000K	14.4	1067.0	5	CV
RGBW	28.8	1630.1	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGBW SERIES 240

3838RGB+2010W-10MM

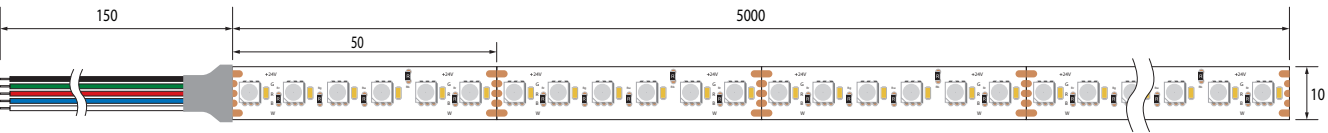
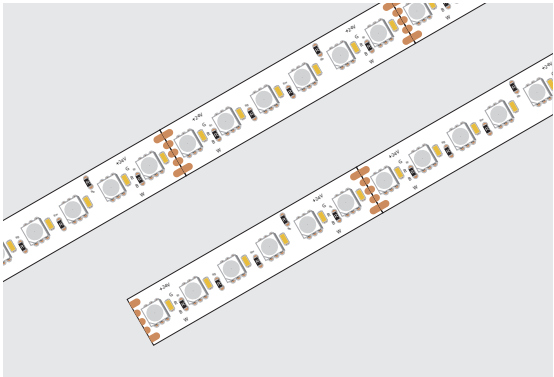
Small cuttable lengths to support widely customisable lengths for precise site installation.

Multiple colours changing.

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



Dimensions



Technical Data

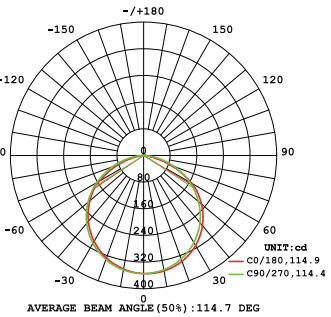
Input voltage	DC24V
CRI(Ra)	>95
Lm/w@RGBW	53.6
Beam angle	120°
LED Chips/m	240LEDs
LONG-life LED	50000h
Working temperture	-25℃~+45℃
Cuttable length(mm)	50
PCB Width(mm)	10

Voltage
24v DC

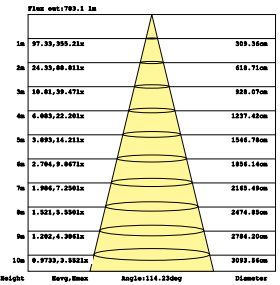
3-Step
MacAdam

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	4.8	137.8	5	CV
G	4.8	378.2	5	CV
B	4.8	81.6	5	CV
4000K	4.8	446.4	5	CV
RGBW	19.2	1029.1	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGBW SERIES 60 (4 in 1)

5050-10MM

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

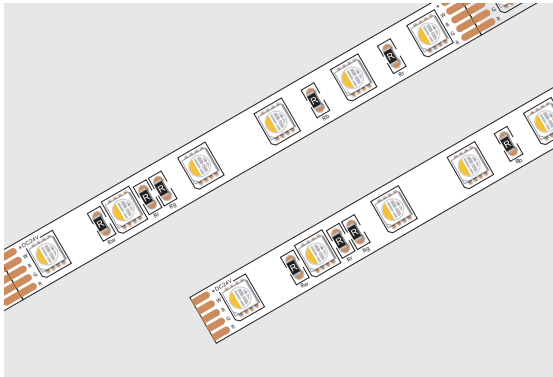
Multiple colours changing.

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

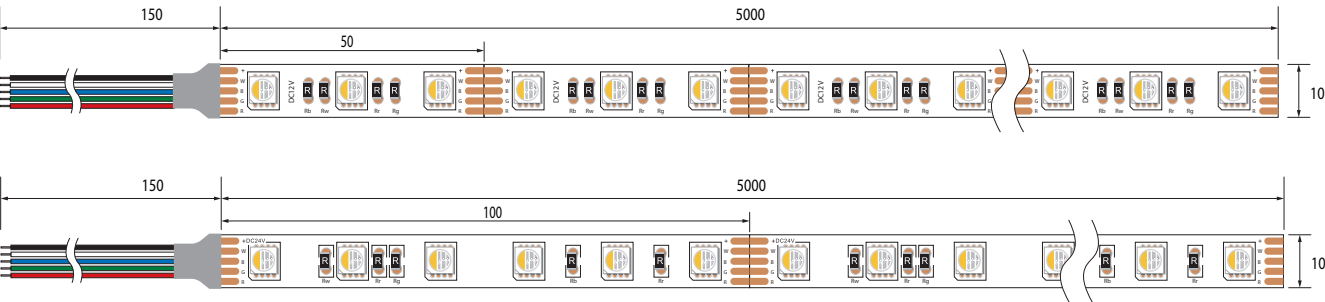
Consistency
One Bin

Warranty
5 Years

3-Step
MacAdam

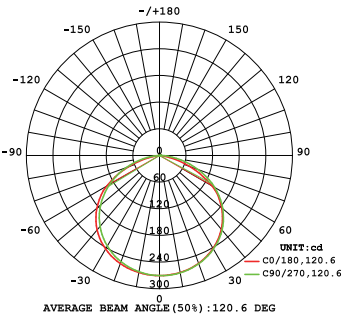


Dimensions

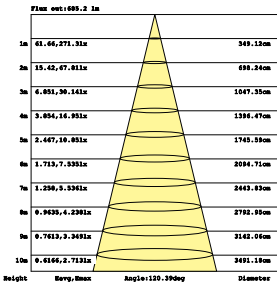


Technical Data

Input voltage	DC12V	DC24V
CRI(Ra)	>90	>90
Lm/w@RGBW	47.9	47.9
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

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	4	100.8	5	CV
G	4	315.6	5	CV
B	4	68.8	5	CV
4000K	4	311.6	5	CV
RGBW	16	766.4	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGBW SERIES 84 (4 in 1)

5050-12MM

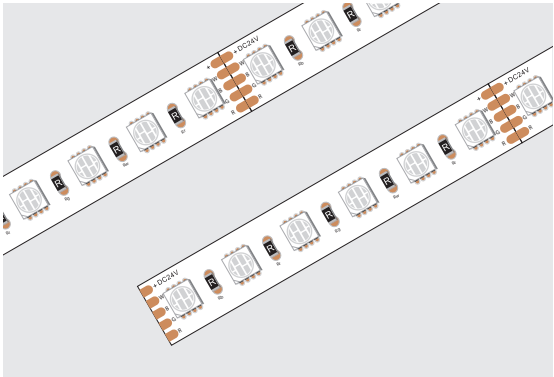
Small cuttable lengths to support widely customisable lengths for precise site installation.

Multiple colours changing.

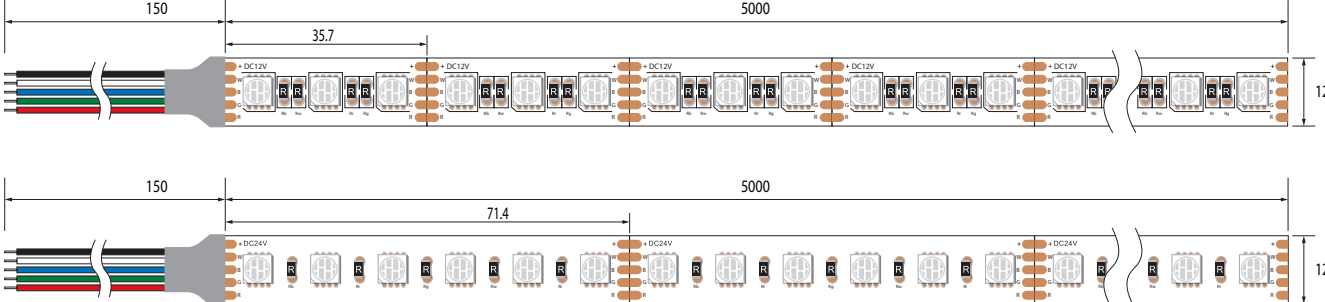
It is IP20, which can be upgraded to IP54, IP65, IP67 protection.

Consistency
One Bin

Warranty
5 Years

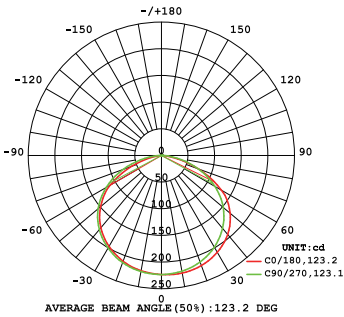


Dimensions

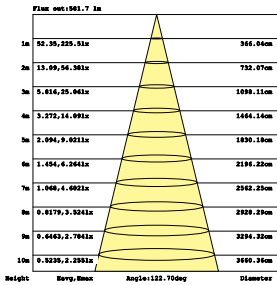


Technical Data

Input voltage	DC12V	DC24V
Lm/w@RGBW	38.3	38.3
Beam angle	120°	120°
LED Chips/m	84LEDs	84LEDs
LONG-life LED	50000h	50000h
Working temperture	-25℃~+45℃	-25℃~+45℃
Cuttable length(mm)	35.7	71.4
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	4.8	170.4	5	CV
G	4.8	389.8	5	CV
B	4.8	77.8	5	CV
O	4.8	130.1	5	CV
RGBO	19.2	735.4	5	CV

*CV: Constant Voltage, CC: Constant Current.

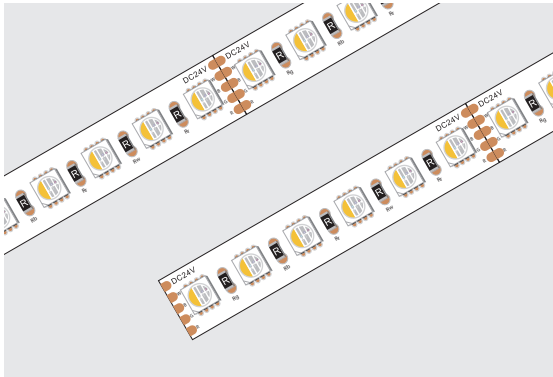
RGBW SERIES 96 (4 in 1)

5050-12MM

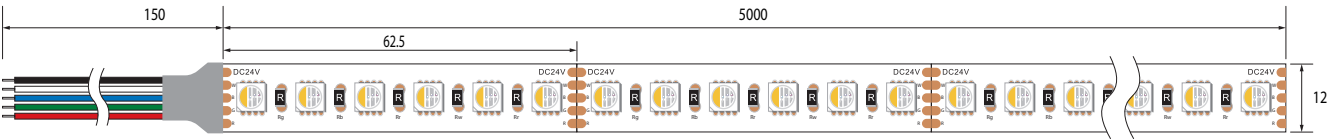
Small cuttable lengths to support widely customisable lengths for precise site installation.

Multiple colours changing.

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



Dimensions



Technical Data

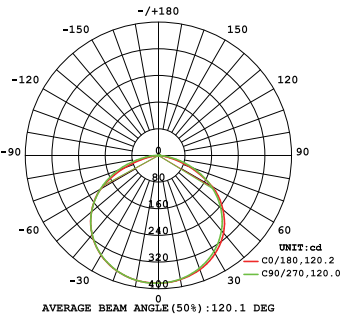
Input voltage	DC24V
CRI(Ra)	>90
Lm/w@RGBW	47.4
Beam angle	120°
LED Chips/m	96LEDs
LONG-life LED	50000h
Working temperture	-25 °C ~+45 °C
Cuttable length(mm)	62.5
PCB Width(mm)	12

Voltage
24v DC

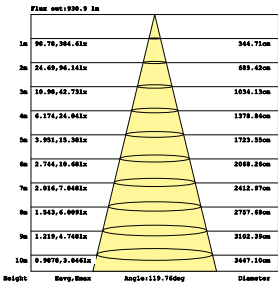
3-Step
MacAdam

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	6	150.6	5	CV
G	6	469.2	5	CV
B	6	102	5	CV
4000K	6	463.8	5	CV
RGBW	24	1137.6	5	CV

*CV: Constant Voltage, CC: Constant Current.

RGBW SERIES LONG RUN 15M

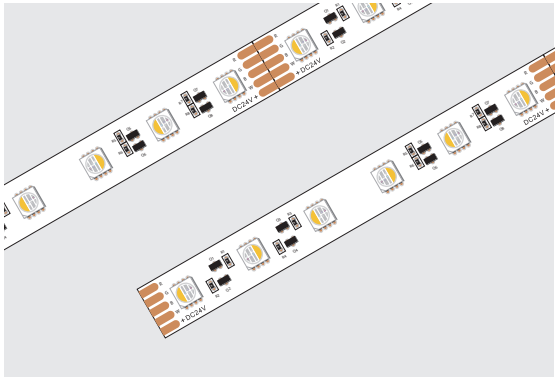
5050-10MM

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

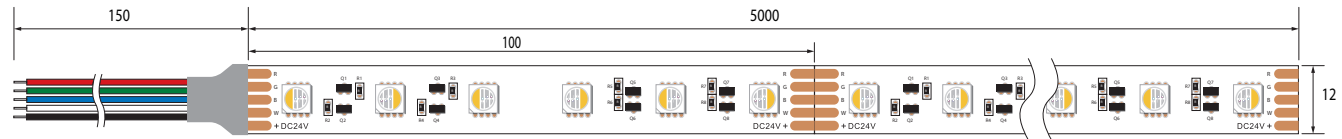
Multiple colours changing.

RGBW 24V Long Run offers continuous lighting.

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



Dimensions



Technical Data

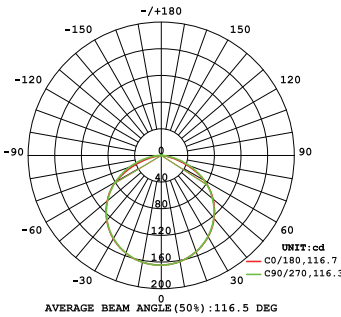
Input voltage	DC24V
CRI(Ra)	>90
Lm/w@RGBW	51.9
Beam angle	120°
LED Chips/m	60LEDs
LONG-life LED	50000h
Working temperture	-25 °C ~+45 °C
Cuttable length(mm)	100
PCB Width(mm)	10

Voltage
24v DC

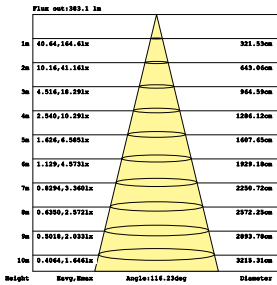
3-Step
MacAdam

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	2.75	55.8	15	CC
G	2.75	197.7	15	CC
B	2.75	53.9	15	CC
4000K	2.75	247.0	15	CC
RGBW	11	570.9	15	CC

*CV: Constant Voltage, CC: Constant Current.

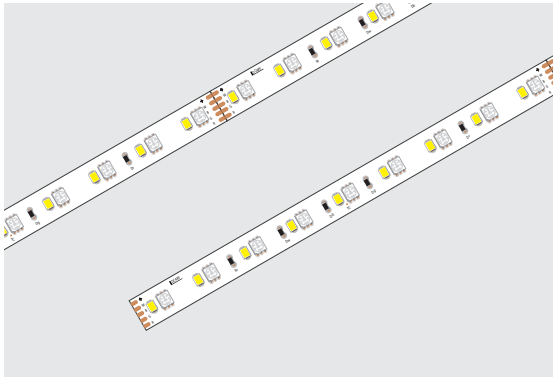
LED TAPE RGBW LONG RUN 40M 5050RGB+2835W-12MM

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

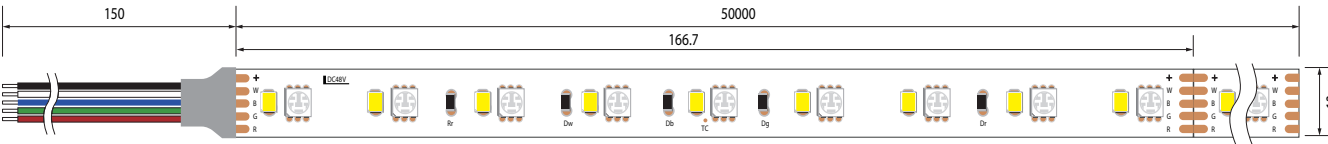
Multiple colours changing.

RGBW 48V Long Run offers continuous lighting.

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



Dimensions



Technical Data

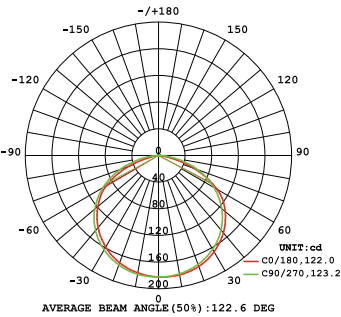
Input voltage	DC48V
CRI(Ra)	>90
Lm/w@RGBW	46.1
Beam angle	120°
LED Chips/m	108LEDs
LONG-life LED	50000h
Working temperture	-25 °C ~+45 °C
Cuttable length(mm)	166.7
PCB Width(mm)	12

Voltage
48v DC

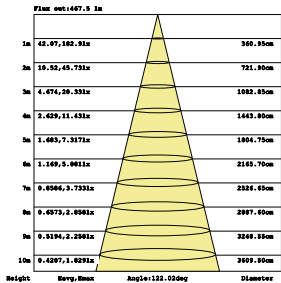
3-Step
MacAdam

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	3.1	64.1	40	CC
G	3.1	236.3	40	CC
B	3.1	39.7	40	CC
4000K	3.1	241.9	40	CC
RGBW	12.5	576.3	40	CC

*CV: Constant Voltage, CC: Constant Current.

