

PIXEL COB



PIXEL

Pixel WHITE/RGB/RGBW colour changing with a 180° beam angle. Controlled by the SPI IC WS2811, it enables colour-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronised for stunning visual displays.



Omni Via



PIXEL COB 720

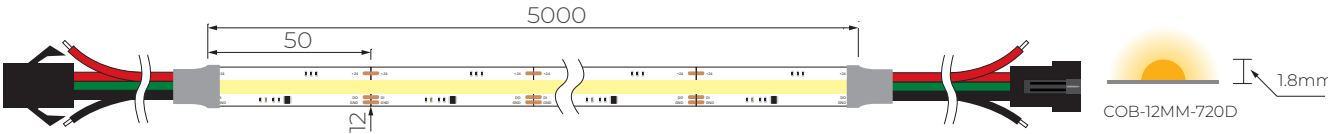
SPI control by IC WS2811.

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

To realise colour-changing effects, gradients, chases, pulsating patterns, and animations. These effects can be easily programmed and synchronised for captivating visual displays.



Dimensions



Technical Data

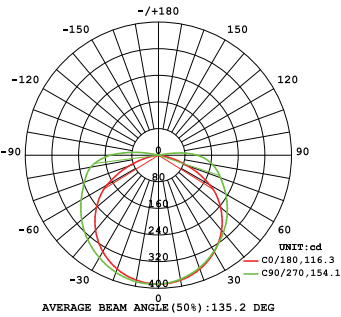
Input voltage	DC24V
Pixels/m	20
IC Model	WS2811
Beam angle	180°
LED Chips/m	720LEDs
LONG-life LED	50000h
Working temperture	-25 C ~+45 C
Cuttable length(mm)	50
PCB Width(mm)	12

Voltage
24v DC

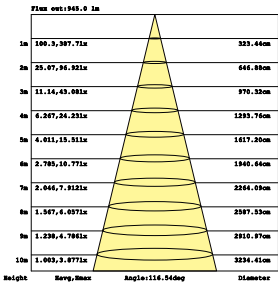
Digital
SPI

Consistency
One Bin

Warranty
3 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
2700K	23	1173	5	CV
3000K	23	1334	5	CV
4000K	23	1449	5	CV
6000K	23	1518	5	CV

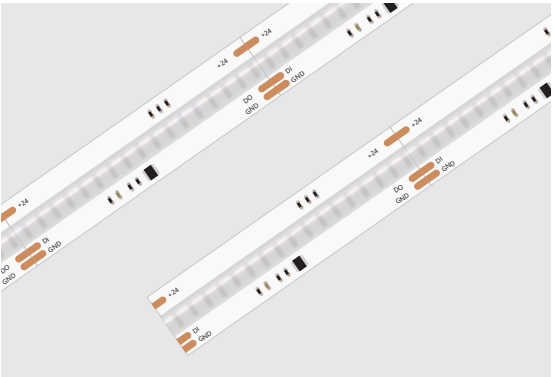
*CV: Constant Voltage, CC: Constant Current.

PIXEL COB RGB 720

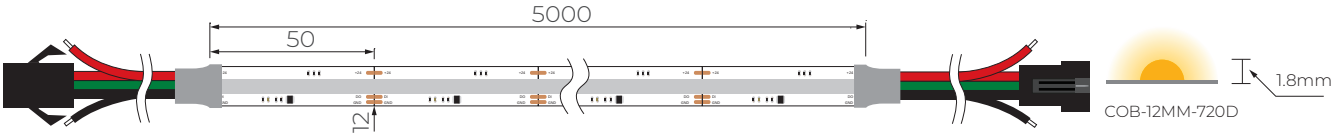
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Dimensions



Technical Data

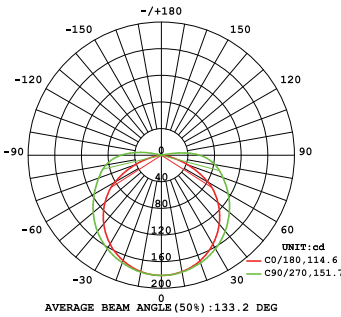
Input voltage	DC24V
Pixels/m	20
IC Model	WS2811
Beam angle	180°
LED Chips/m	720LEDs
LONG-life LED	50000h
Working temperture	-25 C ~+45 C
Cuttable length(mm)	50
PCB Width(mm)	12

Voltage
24v DC

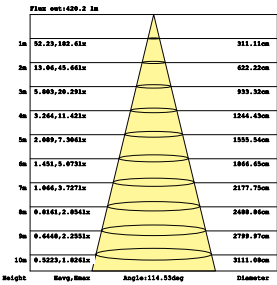
Digital
SPI

Consistency
One Bin

Warranty
3 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	7.6	122	5	CV
G	7.6	509	5	CV
B	7.6	68	5	CV
RGB	23	759	5	CV

*CV: Constant Voltage, CC: Constant Current.

PIXEL COB RGB 840

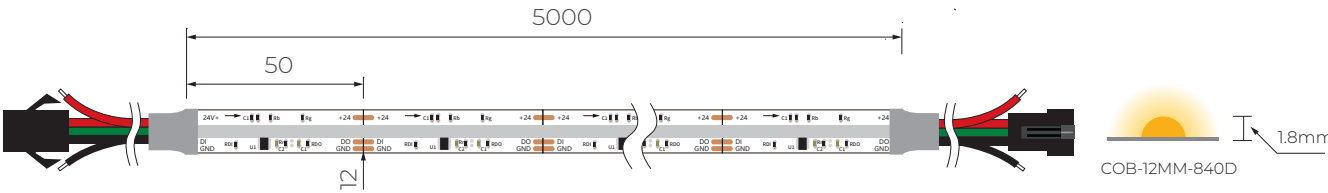
SPI control by IC WS2811.

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Dimensions



Technical Data

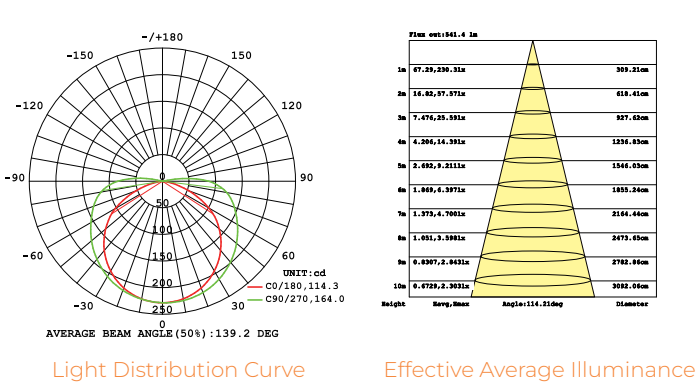
Input voltage	DC24V
Pixels/m	20
IC Model	WS2811
Beam angle	180°
LED Chips/m	840LEDs
LONG-life LED	50000h
Working temperture	-25 C ~+45 C
Cuttable length(mm)	50
PCB Width(mm)	12

Voltage
24v DC

Digital
SPI

Consistency
One Bin

Warranty
3 Years



CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	4.8	82	5	CV
G	4.8	374	5	CV
B	4.8	43	5	CV
RGB	12	468	5	CV

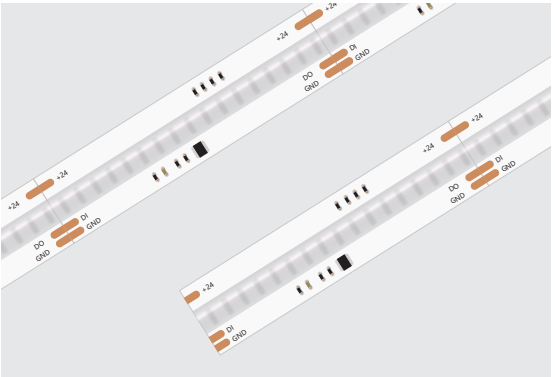
*CV: Constant Voltage, CC: Constant Current.

PIXEL COB RGBW 896

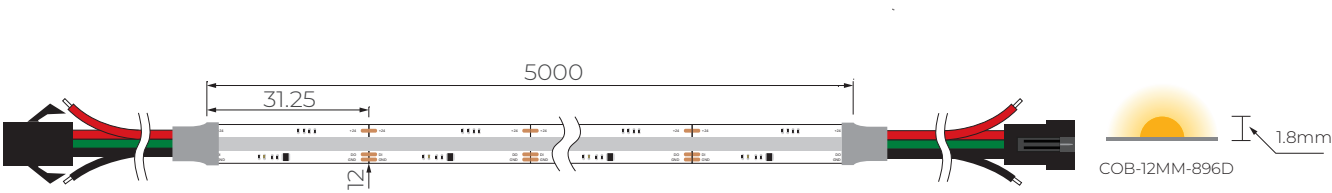
SPI control by IC WS2811.

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Dimensions



Technical Data

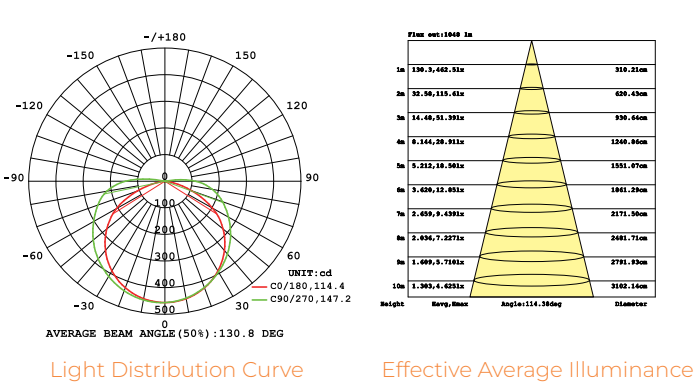
Input voltage	DC24V
Pixels/m	32
IC Model	WS2811
Beam angle	180°
LED Chips/m	896LEDs
LONG-life LED	50000h
Working temperture	-25 C ~+45 C
Cuttable length(mm)	31.25
PCB Width(mm)	12

Voltage
24v DC

Digital
SPI

Consistency
One Bin

Warranty
3 Years



CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
R	13	195	5	CV
G	13	741	5	CV
B	13	130	5	CV
W(4000K)	13	702	5	CV
RGBW	48	1680	5	CV

*CV: Constant Voltage, CC: Constant Current.