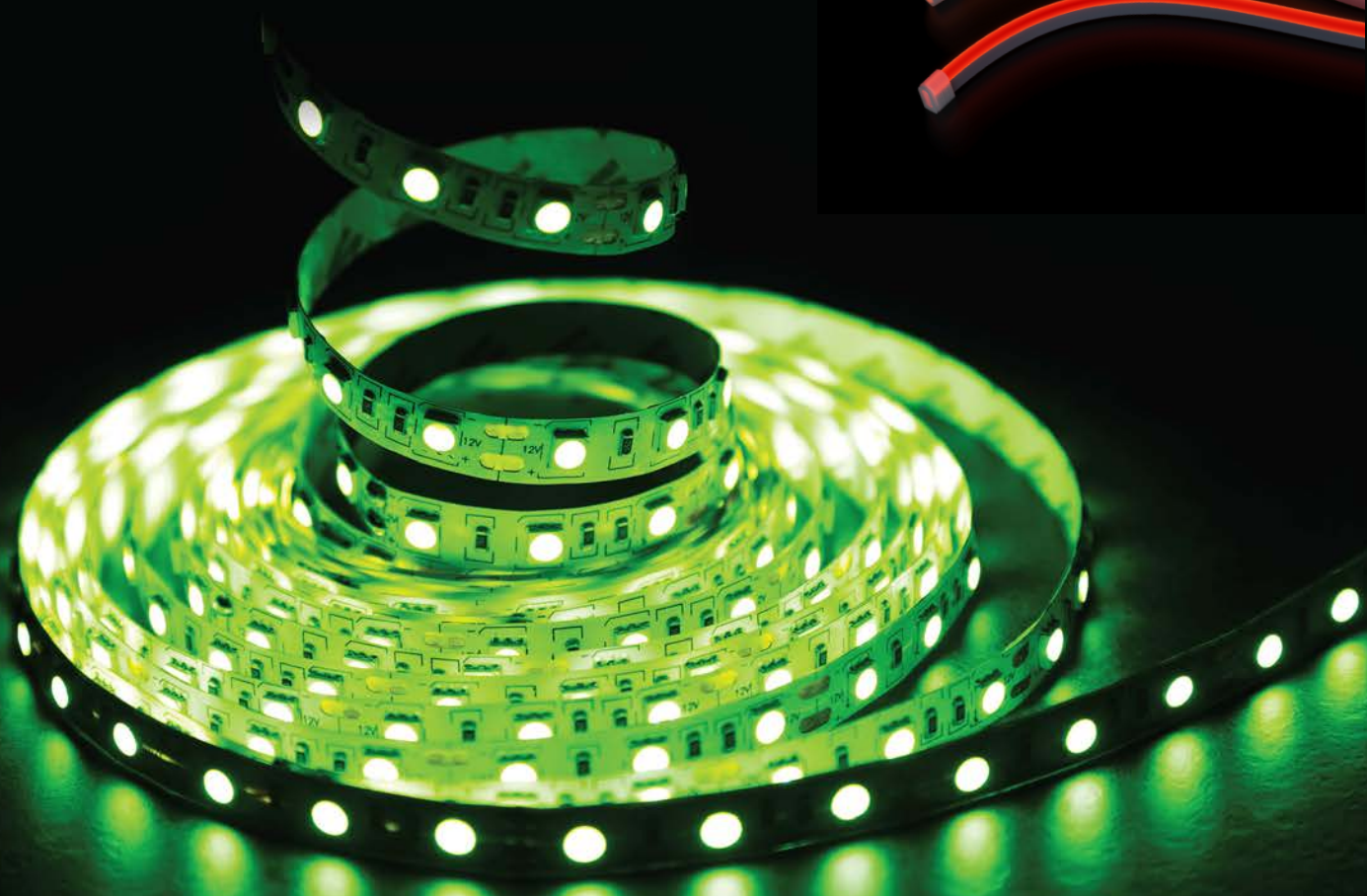
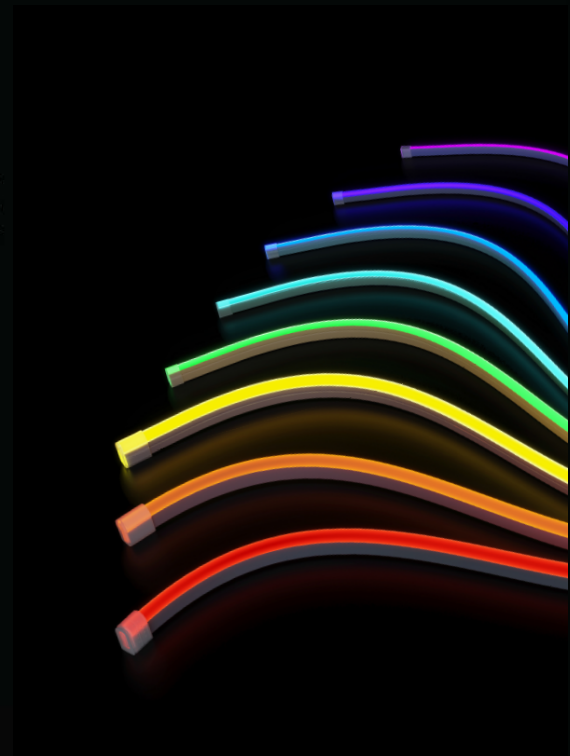


LED
CATALOGUE
2023





NATIONSTAR

LED STRIPS





LED Strip IP20 Series - Non Waterproof



FEATURES

- High Brightness SMD2835 , DC24V;
- Strips can be cut on the cutting mark and reconnect;
- Standard PCB color: White , CRI 80/90;
- 3M Adhesive Backing.
- Can be cut every 2.5cm/ 5cm/10cm at cutting mark.

Applications

For general lighting in ceiling, advertising signs and linear lighting application.

DC24V



IP20



TECHNICAL PARAMETERS

LED Colour	Model	Wattage/m	Voltage	Lumens	IP Rating	MOQ
CW 6000K	DT-A3528CW60-24	4.8W	24V	520/m	IP20	5m
	DT-A3528CW120-24	9.6W	24V	1008/m	IP20	5m
	DT-ACOB CW512-24	10W	24V	1045/m	IP20	5m
	DT-A3528CW60-24-BEND	5W	24V	480/m	IP20	5m
	DT-A3014CW210-24	14.4W	24V	1440/m	IP20	5m
	DT-A3014CW210-24 SIDE	14.4W	24V	1440/m	IP20	5m
NW 4000K	DT-A3528NW60-24	4.8W	24V	504/m	IP20	5m
	NS-A3528NW60-24H	12W	24V	1100/m	IP20	5m
	DT-A3528NW120-24	9.6W	24V	1008/m	IP20	5m
	DT-A3528NW120-24-HO	19.2W	24V	1824/m	IP20	5m
	DT-ACOB NW512-24	10W	24V	1045/m	IP20	5m
WW 3000K	DT-A3528WW60-24	4.8W	24V	480/m	IP20	5m
	DT-A3528WW120-24	12W	24V	1008/m	IP20	5m
	DT-A3528WW120-24-HO	19.2W	24V	1728/m	IP20	5m
	DT-ACOB WW512-24	10W	24V	935/m	IP20	5m
RW 2700K	DT-A3528RW60-24	4.8W	24V	456/m	IP20	5m
	NS-A3528RW60-24H	12W	24V	980/m	IP20	5m
	DT-A3528RW120-24	9.6W	24V	912/m	IP20	5m
	DT-A3528RW120-24-HO	19.2W	24V	1632/m	IP20	5m
	DT-ACOB RW512-24	10W	24V	935/m	IP20	5m
BLUE	DT-A3528B60-24	4.8W	24V	480/m	IP20	5m
GREEN	DT-A3528G60-24	5W	24V	480/m	IP20	5m
RED	DT-A3528R60-24	5W	24V	480/m	IP20	5m
RGBW (6500K)	DT-A5050RGBW60-24	18.6W	24V	540/m	IP20	5m
RGB COB	DT-ACOB RGB624-24	18W	24V	540/m	IP20	5m
RGB	DT-A5050RGB60-24	13W	24V	540/m	IP20	5m

LED Strip

IP65, IP67 Series - Waterproof

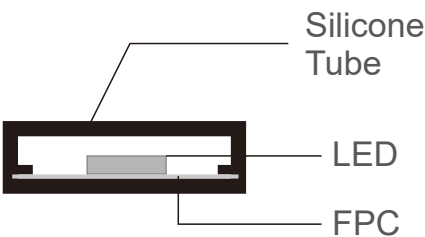


FEATURES

- High Brightness SMD2835 , DC24V;
- Strips can be cut on the cutting mark and reconnect;
- Standard PCB color: White , CRI 80/90;
- Led Option:Mac Adam 3 or 5 step , 3M Adhesive Backing.

Applications

For general lighting in ceiling, advertising signs and linear lighting application.



TECHNICAL PARAMETERS

WATERPROOF

LED Colour	Model	Wattage/m	Voltage	Lumens	IP Rating	MOQ	
CW 6000K	NS-L3528CW60-24	5W	24V	500/m	IP65	5m	
	NS-L3528CW60-24H	12W	24V	1050/m	IP65	5m	
NW 4000K	DT-H3528NW120-24	9.6W	24V	1008/m	IP67	5m	
WW 3000K	DT-H3528WW120-24	9.6W	24V	960/m	IP67	5m	
RW 2700K	DT-H3528RW120-24	9.6W	24V	912/m	IP67	5m	
RGB	DT-H5050RGB60-24	13W	24V	540/m	IP67	5m	



TOP BENDING
NEON FLEX





Features

- Color options: Single color and tunable white.
- Design: Superior design with exquisite craftsmanship ensure stable and reliable performance.
- Flexibility: Side bending, min. bend diameter 30mm [1.18inch].
- IP grade: Silicone extrusion.Glue process end caps, IP67 protection.
- Warranty: 5 years indoor, 3 years outdoor.
- Customization: multiple spec options, can be customized upon requirements



Photo-electric Parmamters

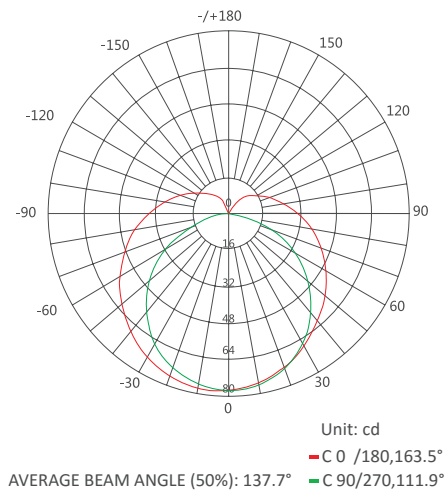
Model No.	CRI	Voltage	Beam Angle	Color	Lm/m	Measured Power (W/m)
NSR0615 - WW	>70	12V DC	139°	3000K	159.0	11.5±10%
NSR0615 - CW		12V DC		6500K	158.1	
NSR0615 - R		24V DC	139°	Red	36	12
NSR0615 - G		24V DC	139°	Green		12
NSR0615 - B		24V DC	139°	Blue	39	12
NSR0615 - RR		24V DC	139°	Red Rose		12

*Minimum Order Quantity: 10m

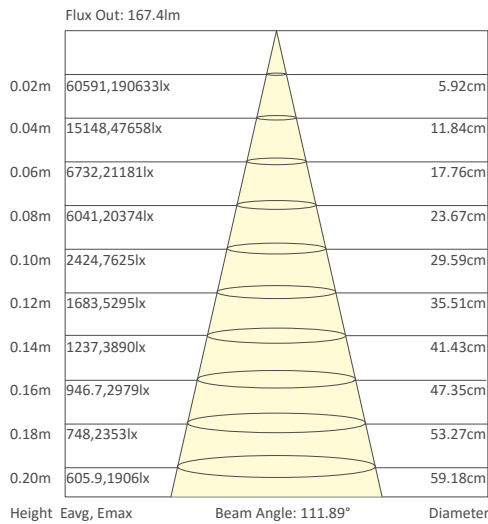
Basic Parameters

Model No.	LED QTY (pcs/m)	Product Size L*W*H (mm)	Min. Cuttable Length (mm)	Storage Temperature	Working Temperature
NSR0615 - WW, CW	96	5000*6*15	10	-20~+60℃	-20~+70℃

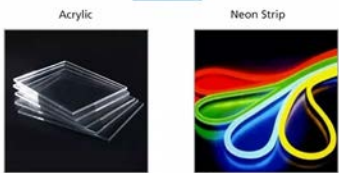
Luminous Intensity Distribution Diagram



Average Illumination

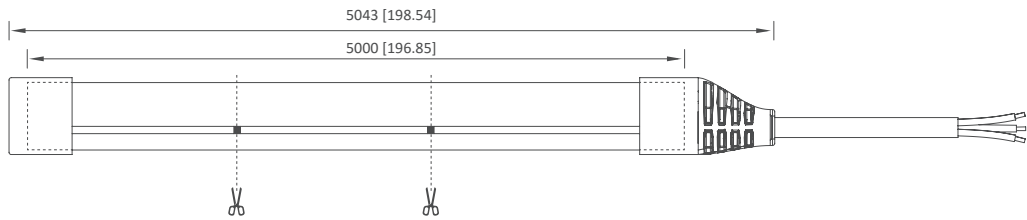


Raw Material

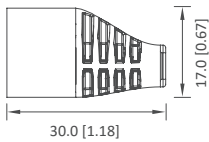


Product accessories

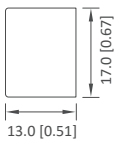
Unit:mm [inch]



Front cap
Glue Process (IP67)

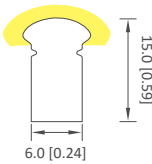


Closing End-cap
Glue Process (IP67)

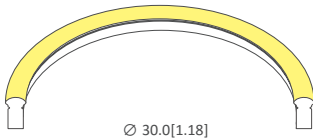


Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

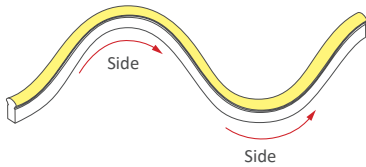
Sectional view



Bending Diameter



Top Bending



Product accessories



Front cap
NSR0615-PCIS



Closing End-cap
NSR0615-ECS

Optional



Plastic Clip
NSR0615-PMC



Silicone Glue



Features

- Color options: Single color temperature.
- Design: Superior design with exquisite craftsmanship ensure stable and reliable performance.
- Flexibility: Top bending, min. bend diameter 30mm[1.18inch].
- IP grade: Silicone extrusion.Glue process end caps, IP67 protection.
- Warranty: 5 years indoor, 3 years outdoor.
- Customization: multiple spec options, can be customized upon requirements



Photo-electric Parmamters

Model No.	CRI	Voltage	Color	Lm/m	Measured Power (W/m)
NSR0512 - WW		12V DC	3600K	183	9.5±10%
NSR0512 - CW		12V DC	6500K	205	10.4±10%
NSR0512 - B		12V DC	BLUE	194	10.4±10%
NSR0512 - G		24V DC	GREEN	183	9.5±10%
NSR0512 - R		24V DC	RED	205	10.4±10%
NSR0512 - RR		12V DC	RED ROSE	205	10.4±10%
NSR0512 - RR		12V DC	BRIGHT BLUE		9.6±10%
NSR0512 - BB		12V DC	ORANGE		9.6±10%
NSR0512 - P		12V DC	PURPLE		9.6±10%
NSR0512 - Y		12V DC	YELLOW		9.6±10%

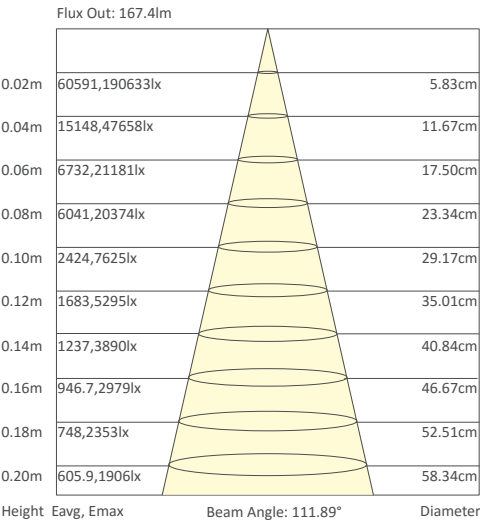
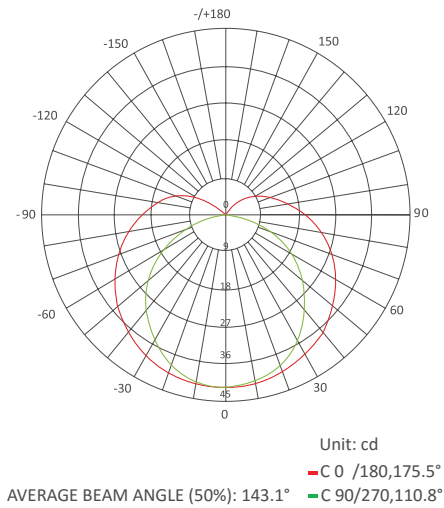
Basic Parameters

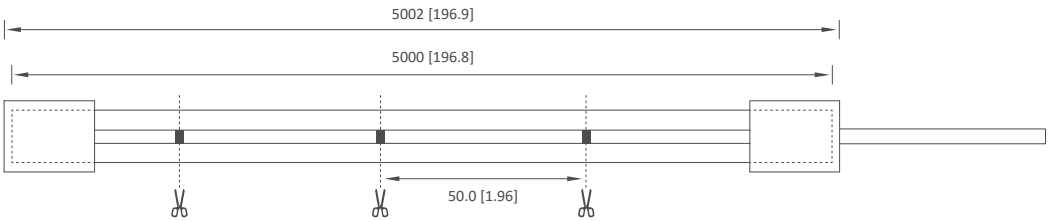
*Minimun order quantity: 5m

Model No.	LED QTY (pcs/m)	Product Size L*W*H (mm)	Min. Cuttable Length (mm)	Storage Temperature	Working Temperature
NSR0512 G,R,	120	5000*5*12	50mm	-20~+60℃	-20~+70℃
NSR0512 W, BB, O, P, Y,RR	120	5000*5*12	25mm	-20~+60℃	-20~+70℃

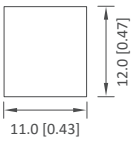
Luminous Intensity Distribution Diagram

Average Illumination

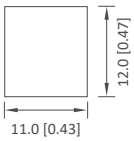




Front cap
Glue Process (IP67)

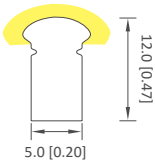


Closing End-cap
Glue Process (IP67)

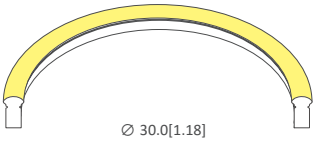


Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

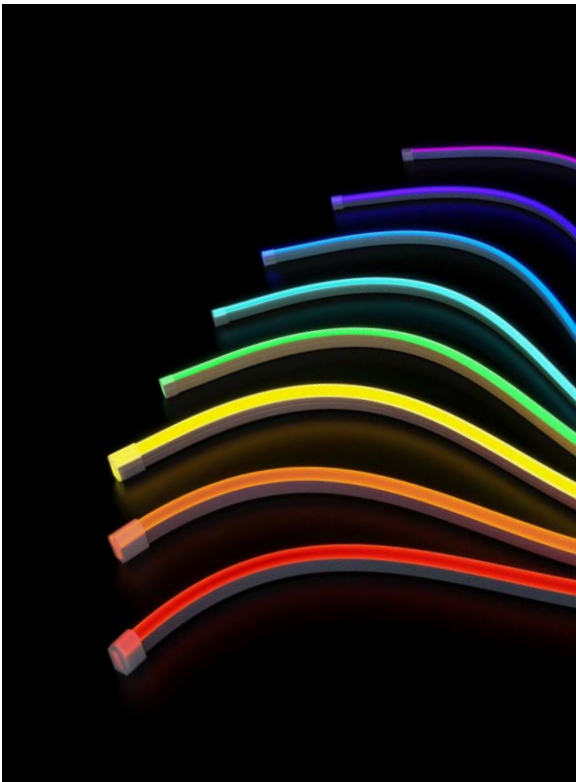
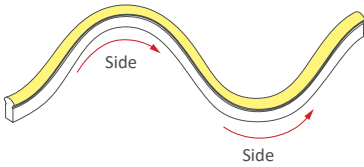
Sectional view



Bending Diameter



Top Bending





Features

- Color options: Tunable white, RGB and RGBW.
- Design: Superior design with exquisite craftsmanship ensure stable and reliable performance.
- Flexibility: Side bending, min. bend diameter 50mm[1.96].
- IP grade: Silicone extrusion, injection molded cap, IP68 protection.Glue process end caps, IP67 protection.
- Warranty: 5 years indoor, 3 years outdoor.
- Customization: multiple spec options, can be customized upon requirements.



Optical & Electrical Parameters

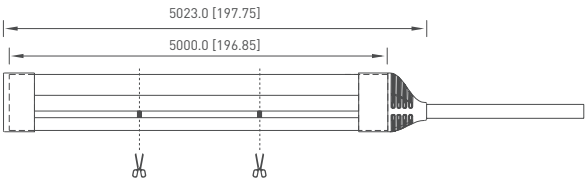
Model No.	
CCT/Wavelength (K/nm)	RGB
Beam Angle [°]	179
Luminous Flux (lm/m)	202
CRI	/
Efficacy (lm/W)	13.0
Voltage (V DC)	24
Measured Power (W/m)	17.3

MOQ: 5m

Other Parameters

Model No.	NSR1025-RGB
LED QTY (pcs/m)	72
Product Size L*W*H(mm)	5000*10*25
Standard Run Length(mm)	5000
Min. Cuttable Length(mm)	83.3
Working Temperature	-20~+60°C
Storage Temperature	-20~+70°C

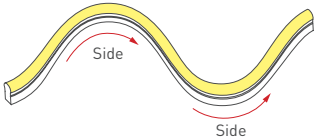
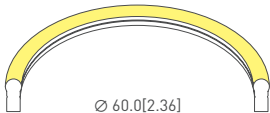
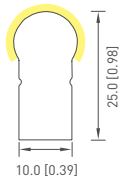
Glue Process (IP67)



Sectional view

Bend direction

Bending Diameter

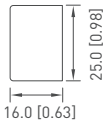
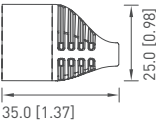


Front cap

Closing End-cap

Glue Process (IP67)

Glue Process (IP67)



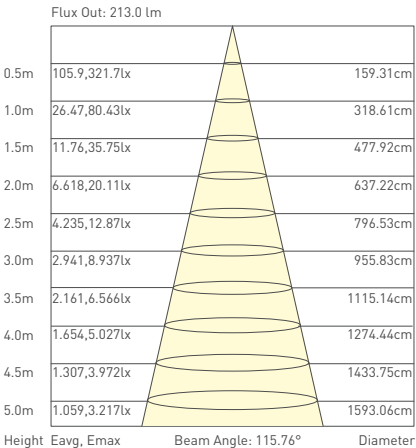
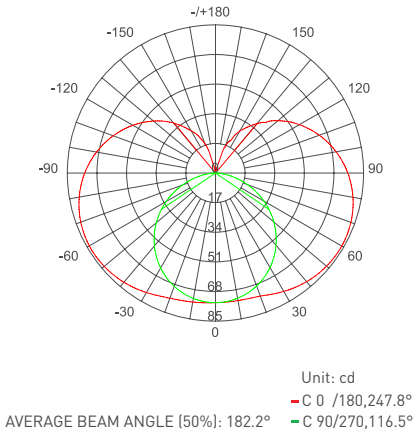
Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

Product accessories

	Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional
	Front cap	NSR1025-PCIS	45*26*12	(5/10) 2-4	Free
	Closing End-cap	NSR1025-ECS	27*16*14	(5/10) 2-4	Free
	Silicone Glue	--	----	(5/10): 1	Optional

Luminous Intensity Distribution Diagram

Average Illumination



Note: 样品为 NSR1025-WN,for other data, please consult sales rep.



LED MODULES



CHANNEL LETTERS / MINI SERIES

SM2-2

Ra70+

LM-80TESTED

2835

160°

5Years

SAMSUNG

IP65

CE

CULUSE318168

RoHS



DC 12V 5 yrs warranty

COLOR AVAILABLE

3000K

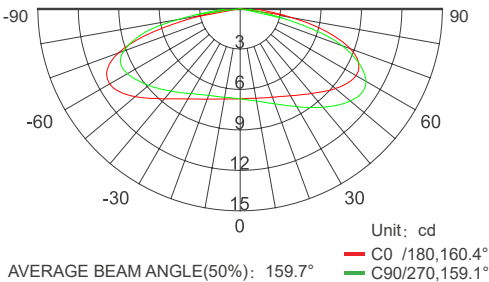
9500K

BLUE

APPLICATION

Suitable for mini letters above 3cm thickness
15.5modules/meter for 2 dots

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



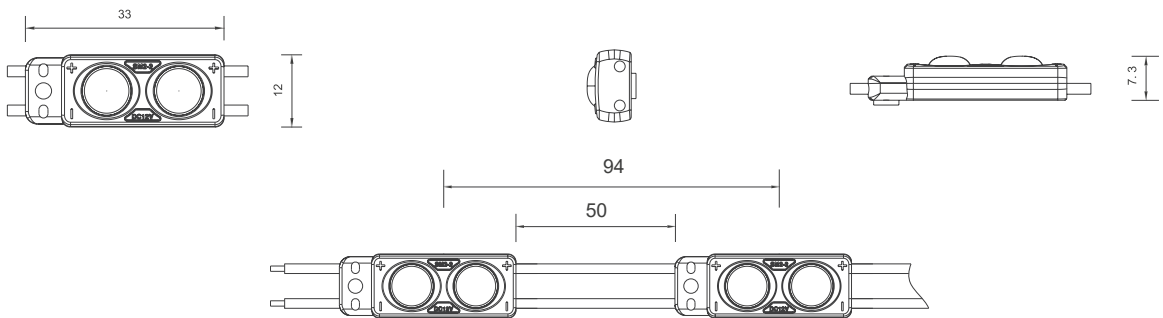
SM2-2

AVERAGE BEAM ANGLE(50%): 159.7°

*Minimum Order Quantity: 200pcs

DRAWINGS

Unit : mm/inch



OPTICAL & ELECTRICAL PARAMETERS

Model No.	Voltage (DC V)	Beam Angle	Color Temperature (K)	Luminous Flux (lm/pcs)	Efficac (lm/W)	Ra	Power (W/pc)	Max Run (pcs)
SM2-2 / 3000K	12	160°	3000K	48	100	70+	0.48	50
SM2-2 / 9500K	12	160°	9500K	48	100	70+	0.48	50

Quantity: 1 - 999

Quantity: 1 - 999

Quantity: 1 - 999

Quantity: over 1000

CHANNEL LETTERS / MINI SERIES

SS9

Ra80+

LM-80TESTED

2835

120°

5Years

IP67

CE

CULUSE318168

RoHS



DC 12V 5 yrs warranty

COLOR AVAILABLE

9500K

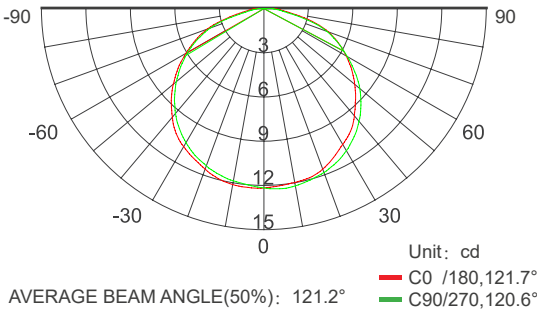
*Minimum Order Quantity: 100pcs

APPLICATION

Suitable for mini letters with W≥ 1.3cm , H≥3cm.or advertising light box with H≥4cm.

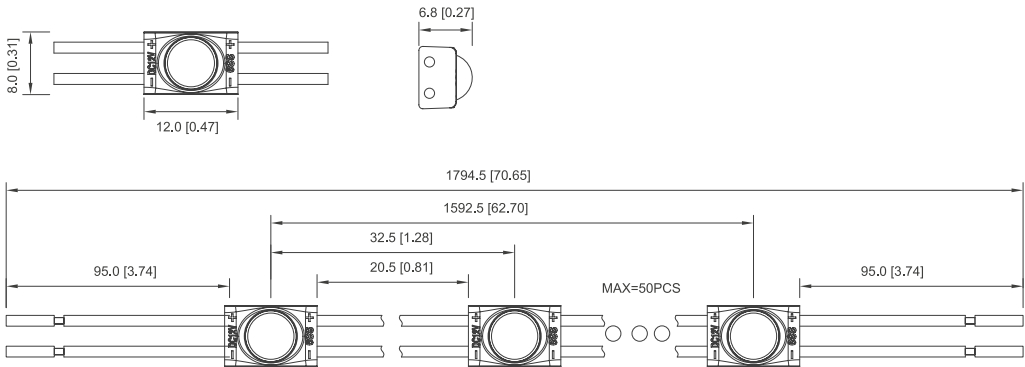
30modules/meter

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



DRAWINGS

Unit : mm/inch



OPTICAL & ELECTRICAL PARAMETERS

Model No.	Voltage (DC V)	Beam Angle	Color Temperature (K)	Luminous Flux (lm/pcs)	Efficac (lm/W)	Ra	Power (W/pc)	Max Run (pcs)
SS9 / 9500k	12	120°	9500K	36	100	80+	0.36	50

9500K

Quantity: 1 - 499

CHANNEL LETTERS / DIFFUSOR LENS

M6



IP65



Ra 80+



2835



175°



5Years



SAMSUNG



CE



RoHS



UL E318168



ONE BIN ONLY



DC 12V 5 yrs warranty

COLOR AVAILABLE



3000K



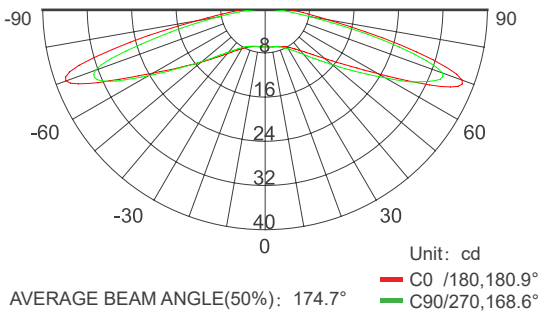
9500K

APPLICATION

Suitable for back-lit signage lighting with depth of 6-18cm
4.7modules/meter

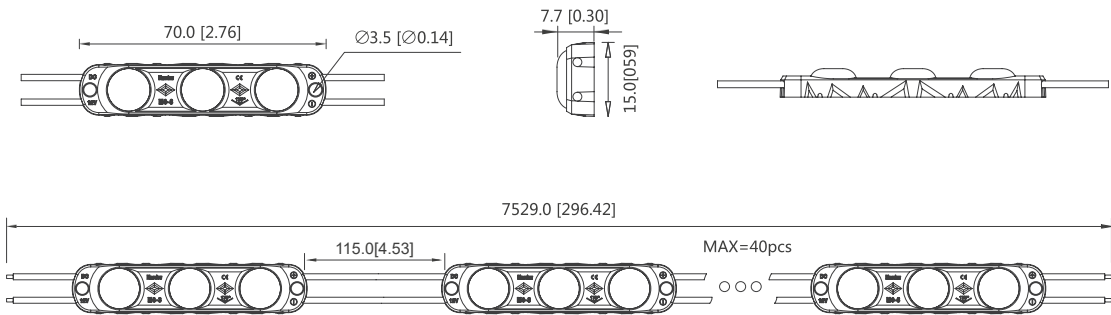
*Minimum Order Quantity: 80pcs

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



DRAWINGS

Unit : mm/inch



OPTICAL & ELECTRICAL PARAMETERS

Model No.	Voltage (DC V)	Beam Angle	Color Temperature (K)	Luminous Flux (lm/pcs)	Efficac (lm/W)	Ra	Power (W/pc)	Max Run (pcs)
M6-3 / 3000K	12	175°	3000K	110	100	80+	1.1	40
M6-3 / 9500K	12	175°	9500K	110	100	80+	1.1	40



3000K

Quantity: 1 - 499



9500K

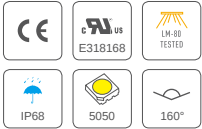
Quantity: 1 - 499

Quantity: 499 - 999

Quantity: over 1000



PS6



DC 12V

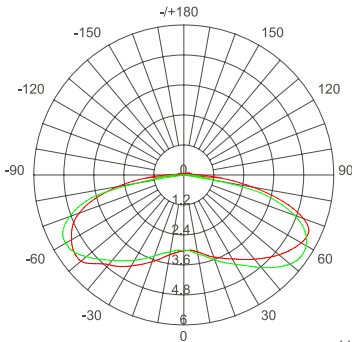
3 yrs warranty

Color Available



Application

Applied for light box with depth 8-18cm, channel letters and signage lighting

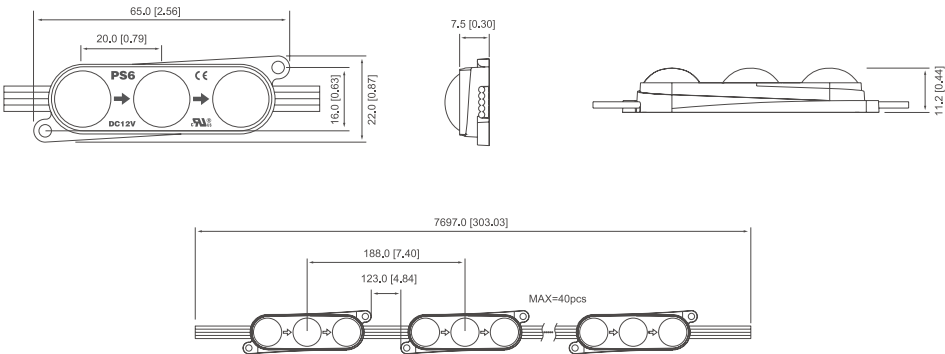


Unit: cd
-C0 /180,170.5°
-C90/270,161.0°

AVERAGE BEAM ANGLE[50%]: 165.7°

Profile Drawings

Unit: mm/inch



Optical & Electrical Parameters

Model No.	Voltage	Light Color	CCT/Wavelength (K/nm)	LM/pcs	LM/W	W/pcs	Max Run (pcs)
PS6	12V DC	R	620-625	7	30	0.24	40
		G	525-530	16	68	0.24	
		B	465-470	9	15	0.24	
		RGB	100000+	25	35	0.72	

Quantity: 1 - 499



NC LED

LED Modules	Model	Wattage PM	Voltage	Angle	MOQ	Waterproof
3 LED Modules 	NCLED/LX-ECO3S-W 95K	0.72W	12V	120°	50 pcs	✓
	NCLED/LX-HLC3S-RED	0.72W	12V	140°	50 pcs	✓
	BLUE-PT10-3/BUE	0.72W	12V	175°	80pcs	✓
	NCLED/LX-ECO3S-G	0.72W	12V	140°	50 pcs	✓
2 Led Module 	NCLED/LX-ECO2S-R	0.72W	12V	120°	100pcs	✓
	NCLED/MINI3-R	0.5W	12V	150°	100pcs	✓
	NCLED/MINI3-G	0.5W	12V	150°	100pcs	✓

SIDE VIEW MODULES

NAME	CODE	WATT	VOLT	ANGLE		
Single Module 	ULW383B SUNS-	3W	12V	15°-55°	20pcs	✓
	IUW382B-0254	4.5W	12V	15°-55°	15pcs	✓

SIDE VIEW MODULES

SIGN CABINET/BOX/AREA BACKLITS



MZ18-W

Guide sign box(side illumination)

CE

RoHS

UL E318168

LM-80 TESTED

IP65

2835

20°30°

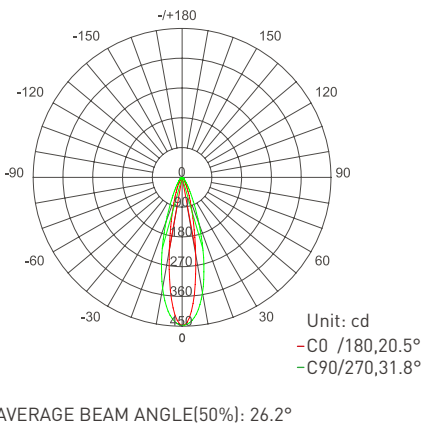
CRI 80

DC 12V 3 yrs warranty

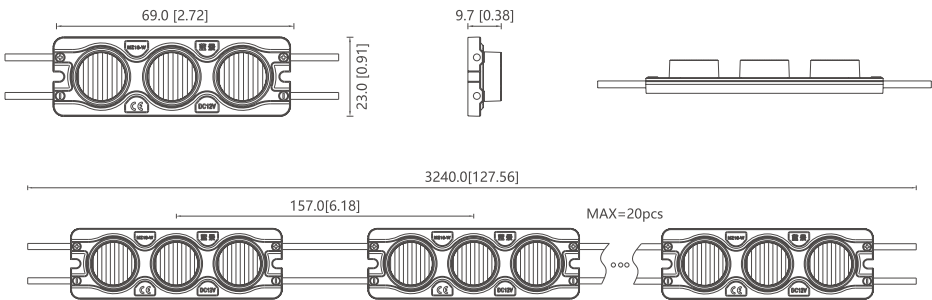
Color Available

6500K

Application
Suitable for edge-lit guide signs depth of 8-10cm



Profile Drawings Unit: mm/inch



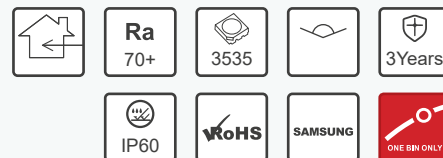
Optical & Electrical Parameters

Model No.	Voltage	CCT(K)	LM/pcs	LM/W	W/pcs	Max Run (pcs)
MZ18-W	12V DC	6500	135	90	1.5	20

SIDE LIGHTING / NON-WATERPROOF

BPS1-S

SIDE VIEW MODULES



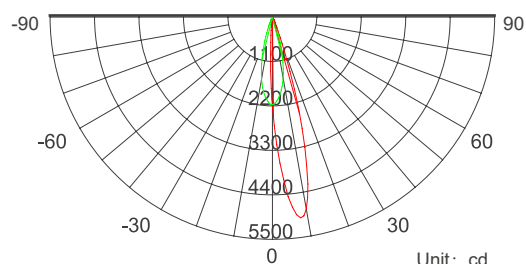
DC 24V **3** yrs warranty

COLOR AVAILABLE



6500K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Unit: cd

— C0 /180,15.0°
— C90/270,27.6°

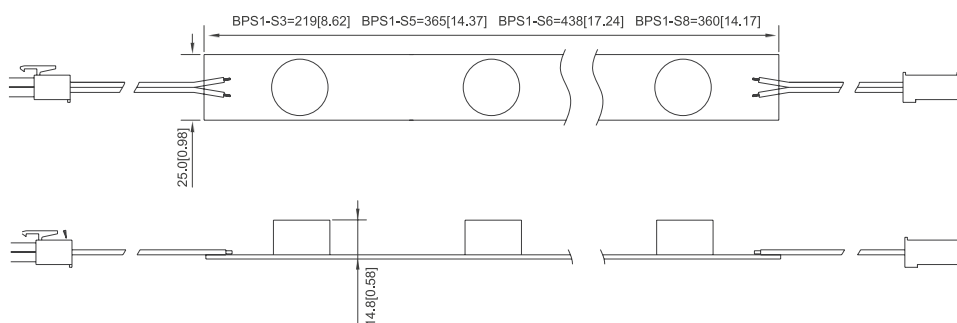
AVERAGE BEAM ANGLE(50%): 21.3°

APPLICATION

Min. 10cm deep,max. 2.5 meter high double sided Edge-lit light box

DRAWINGS

Unit : mm/inch



OPTICAL & ELECTRICAL PARAMETERS

Model No.	Voltage (DC V)	Beam Angle	Color Temperature (K)	Luminous Flux (lm/pcs)	Efficac (lm/W)	Ra	Power (W/pc)	LED Qty/pc (pcs/m)
BPS1-S	24	7*30°	6500	1638	105	70+	15.6	6



YZ9-6

CE

VRoHS

SAMSUNG

LM-BB TESTED

ONE BIN ONLY

IP66

3535

10°45°

CRI 70

DC24V 3 yrs warranty

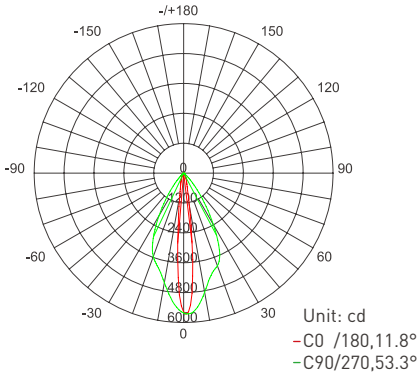
Color Available



6500K

Application

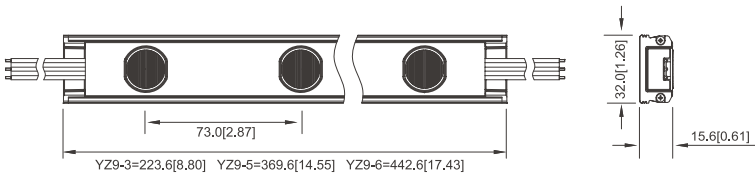
8-12cm one side signage lighting box. 15-25cm double sided signage lighting box.



AVERAGE BEAM ANGLE[50%]: 32.5°

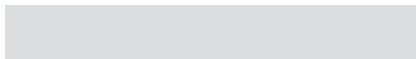
Profile Drawings

Unit: mm/inch



Optical & Electrical Parameters

Model No.	Voltage	CCT (K)	LM/pcs	LM/W	W/pc	LED Qty/pc
YZ9-6	24V DC	3000-6400	1389	104	15.02	6



YD SERIES (BACK-LIT) / CURTAIN STYLE

JYD2-C

Ra
80+

IP60

LM-80
TESTED

2835

170°

3Years

RoHS

CE

EPISTAR

CONSTANT
VOLTAGE

ONE BEN ONLY

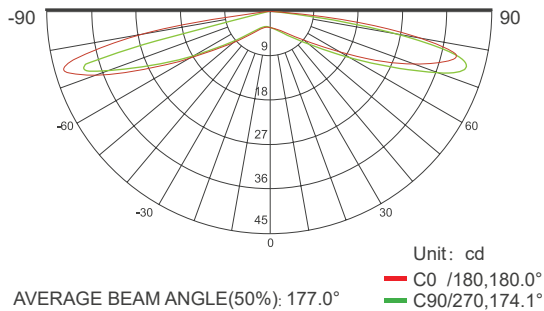


DC 12V
 3 yrs warranty

COLOR AVAILABLE

6500K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

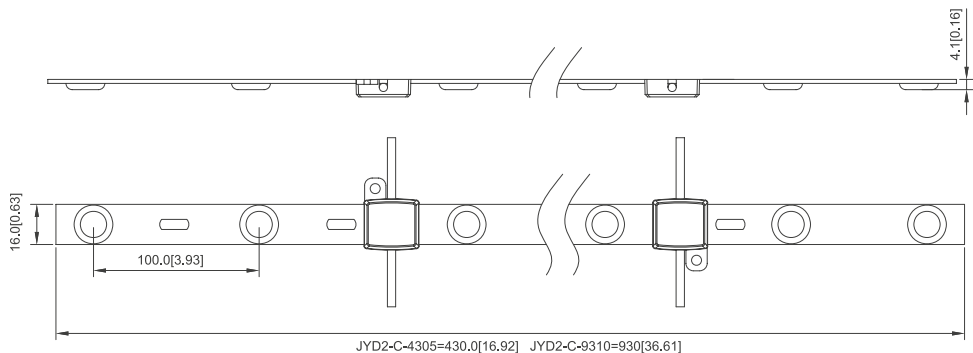


APPLICATION

5-12cm deep back-lit light box

DRAWINGS

Unit : mm/inch

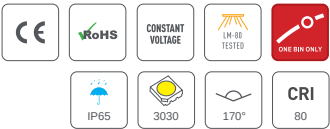


OPTICAL & ELECTRICAL PARAMETERS

Model No.	Voltage (DC V)	Beam Angle	Color Temperature (K)	Luminous Flux (lm/pcs)	Efficac (lm/W)	Ra	Power (W/pc)	LED Qty/pc (pcs/m)
JYD2-C-9310	12	170°	6500	858	98.07	80+	9.6	10



JFYD3-A



DC24V 3 yrs warranty

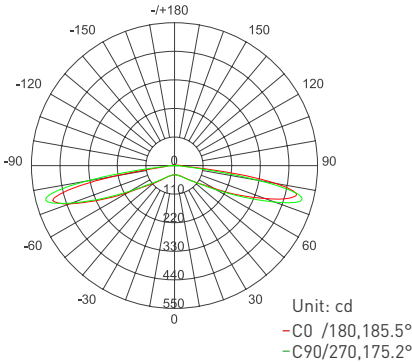
Color Available



6500K

Application

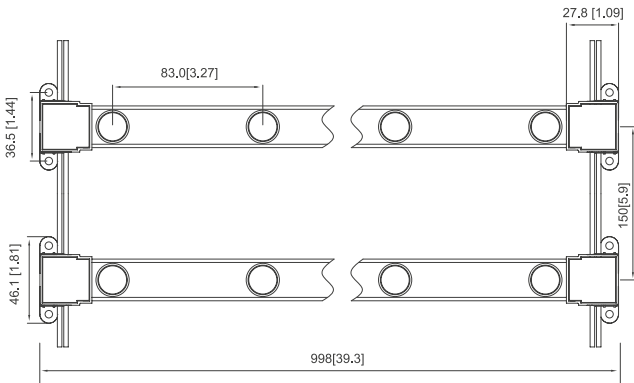
4-18cm deep back-lit light box



AVERAGE BEAM ANGLE[50%]: 180.3°

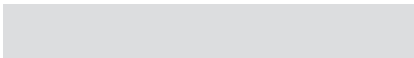
Profile Drawings

Unit: mm/inch



Optical & Electrical Parameters

Model No.	Voltage	CCT (K)	LM/pcs	LM/W	W/pc	LED Qty/pc
JFYD3-A-1012	24V DC	6500K	1296	90	14.4	12



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