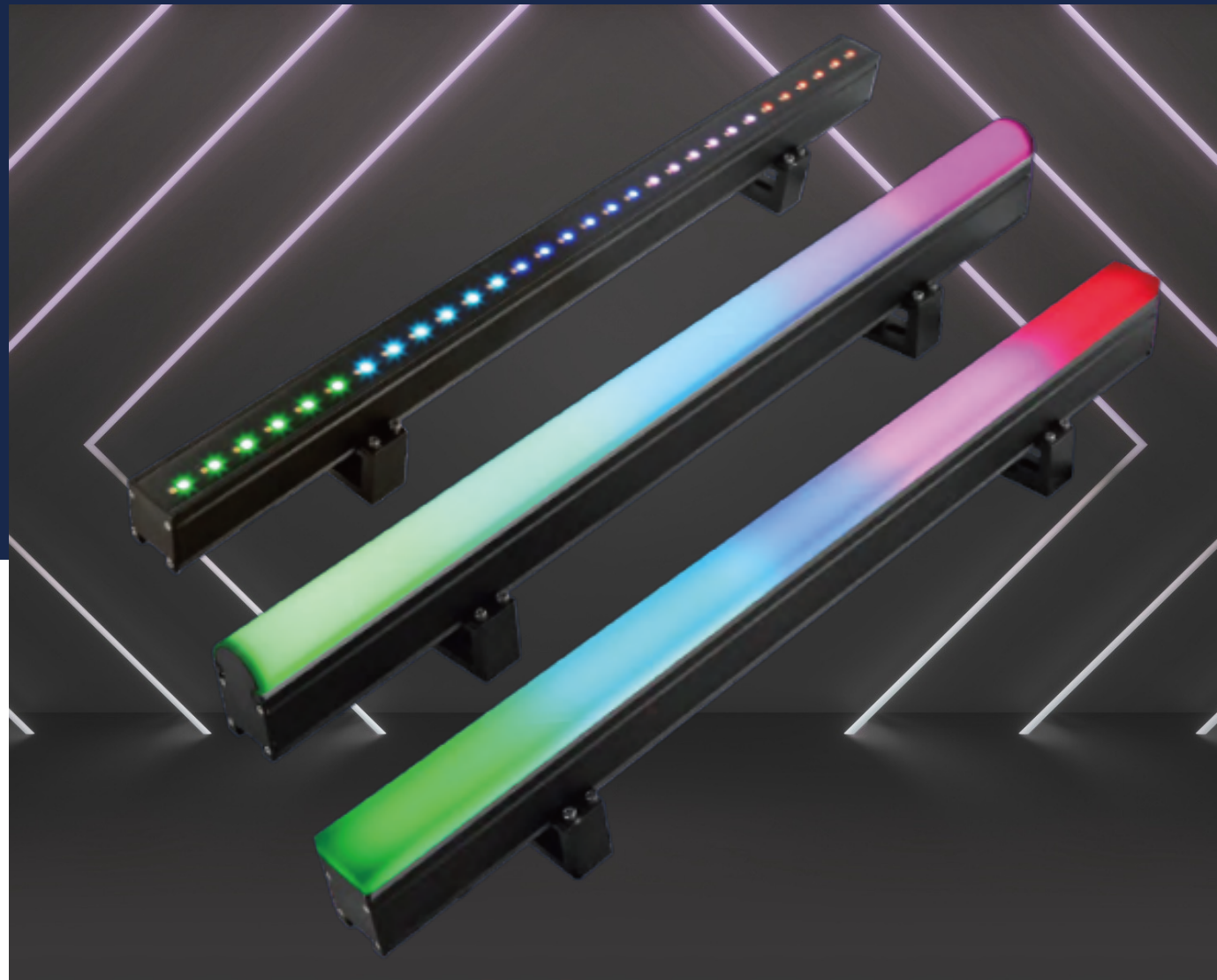


Entertainment & Architectural Lighting
World LEDS Go

Jl. H. Liyas No.34, Paninggilan, Kec. Ciledug, Kota Tangerang,
Banten 15153
Email : pthirotakashimura@gmail.com
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Mora[®]
Professional Lighting





530 Meter High

CATALOGUE

01

Entertainment
Lighting



DMX 3D Clear Tube
– TC100

DMX 3D Opal Tube
– TM100

DMX Ball String
– BM50

Olympic DMX Panel
– DP1201603

DMX Pixel Board
– DP2503603

Wireless DMX Lights
– Pending



P₀₁₋₁₀

02

Architectural
Lighting



LED Wall Washer
– W32/W24/W36 –
W37/W45/W48

LED Flood Light
– F110/F130/F160 –
F180/F210

LED Flood Light
–
F185/F490/F490D
DMX Media Tube
– Glowline 18/28

DMX Pixel Dot
–
DC40/DX60/DX88
LED Strip
– CC1012001/US126004
– CC126004/SK106003 –
DS126004/DS124804

DMX Pixel Neon
– DN126004/DN166004

P₁₁₋₆₂

Mora[®]

03

LED Controller
System



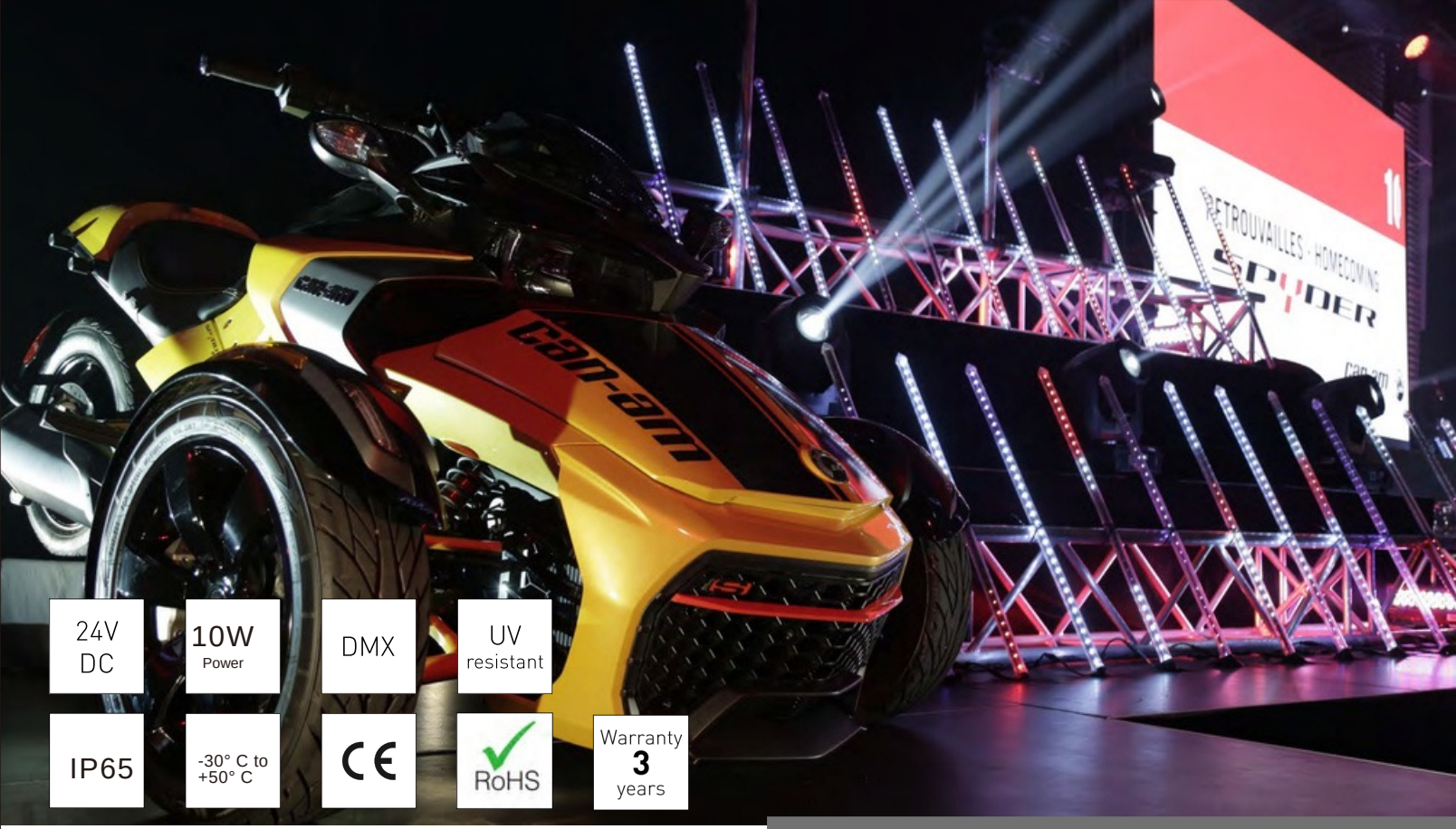
Art-Net/SACN to DMX/RDM
– Titan A8

DMX Pixel Driver
– Titan A8 Pro

DMX Splitter/Booster
– DD-8WM

DMX Addressing
– Tool-CD-MT512

P₆₃₋₇₀



24V
DC

10W
Power

DMX

UV
resistant

IP65

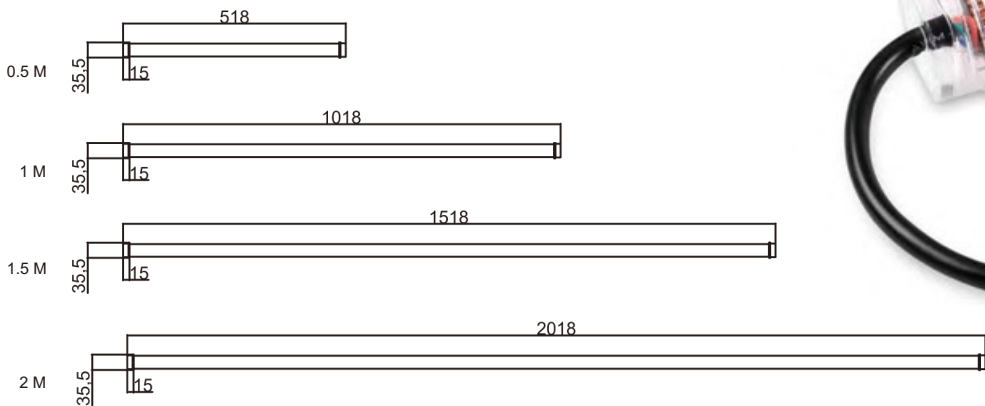
-30° C to
+50° C

CE

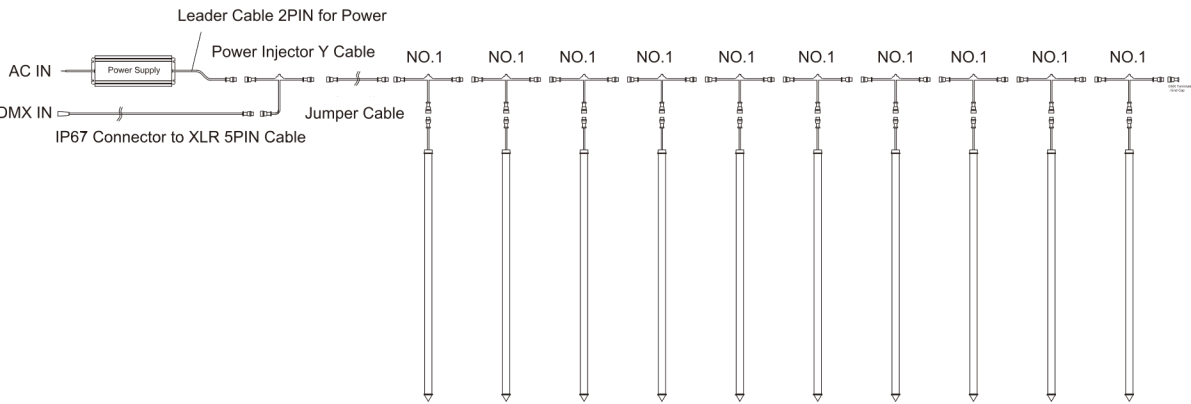
RoHS

Warranty
3
years

Dimension



System Diagram







DMX 3D Clear Tube – TC100

RGB

This DMX 3D Clear Tube can be suspended from the ceiling horizontally and vertically in club, stage, events and so on. Double side lighting effects can be seen from 360degree. 2D pixel mapping can be transformed to be 3D with the help of software programming.

Product Specification

Models LED	TC050	TC100	TC150	TC200
Color				
Light Source	Epistar	Epistar	Epistar	Epistar
Color	R:620-630nm	R:620-630nm	R:620-630nm	R:620-630nm
	G:520-530nm	G:520-530nm	G:520-530nm	G:520-530nm
	B:460-470nm	B:460-470nm	B:460-470nm	B:460-470nm
LED QTY	32LEDs	64LEDs	96LEDs	128LEDs
Performance				
Lumen Output	187lm	375lm	562lm	750lm
Efficacy	44lm/W	44lm/W	44lm/W	44lm/W
Beam Angle	360° Clear Cover			
Electrical				
Input Volage	24VDC	24VDC	24VDC	24VDC
Power Consumption	5W	10W	15W	20W
Control				
Protocols	DMX512 Control	DMX512 Control	DMX512 Control	DMX512 Control
PWM Frequency	256KHz@8-Bit Grayscale			
Addressing	Manual Addressing with Colordreamer Addressing Tool CD-MT512			
Pixels	8Pixels	16Pixels	24Pixels	32Pixels
Physical				
Material	PC			
Cover	Clear			
Diameter	Φ30mm			
Cable Entry	Top Entry			
Mounting	Suspended			
Length	500mm/1000mm/1500mm/2000mm			

DMX 3D Opal Tube – TM100

RGB

This DMX 3D opal tube can be suspended from the ceiling horizontally and vertically in club, stage, events and so on. Double side lighting effects can be seen from 360degree. 2D pixel mapping can be transformed to be 3D with the help of software programming.

Product Specification

Models LED	TM050	TM100	TM150	TM200
Color				
Light Source	Epistar	Epistar	Epistar	Epistar
Color	R:620-630nm G:520-530nm B:460-470nm	R:620-630nm G:520-530nm B:460-470nm	R:620-630nm G:520-530nm B:460-470nm	R:620-630nm G:520-530nm B:460-470nm
LED QTY	60LEDs	120LEDs	180LEDs	240LEDs

Performance

Lumen Output	208lm	415lm	622lm	830lm
Efficacy	29lm/W	29lm/W	29lm/W	29lm/W
Beam Angle	360° opal Cover			

Electrical

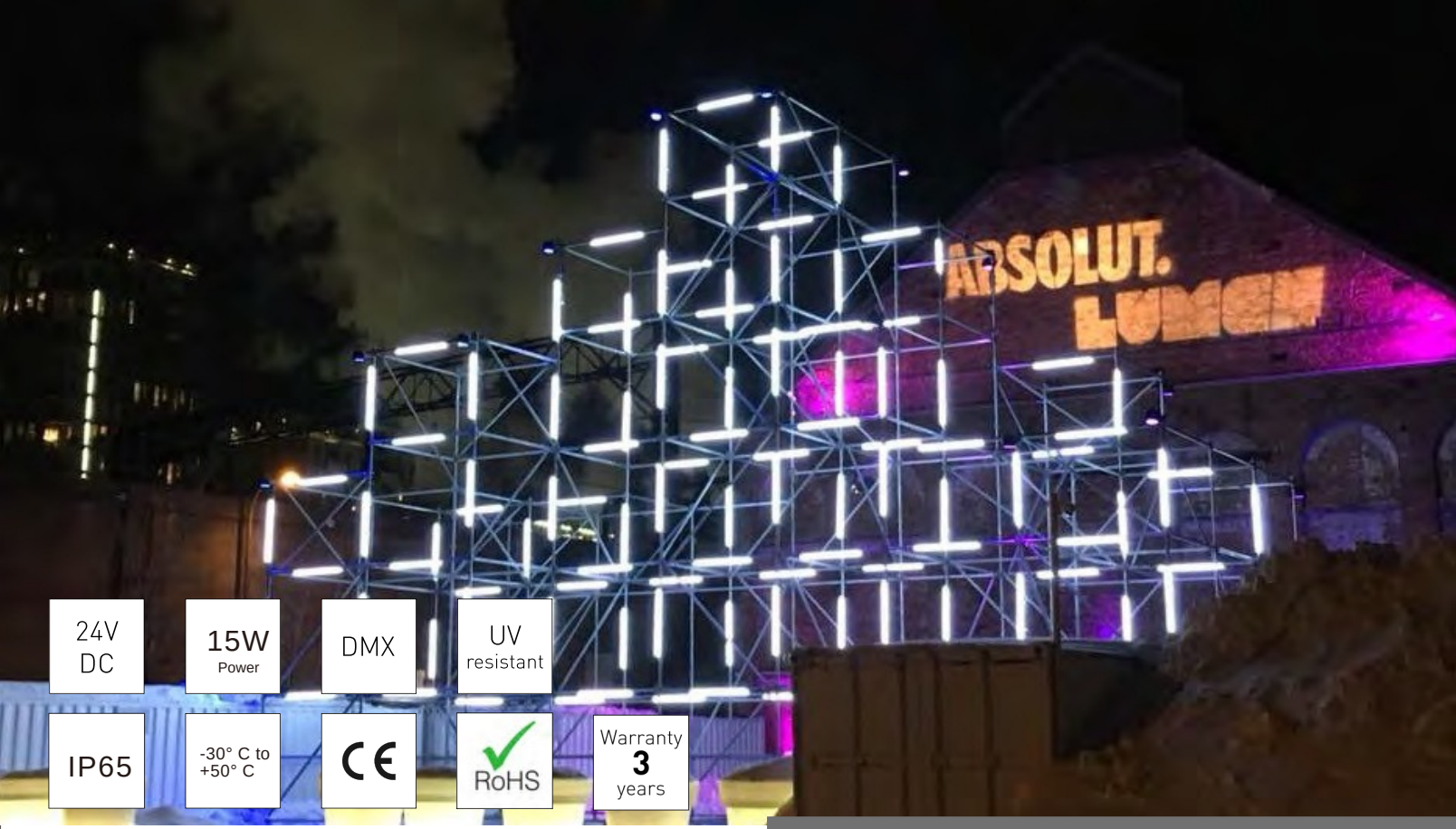
Input Volage	24VDC	24VDC	24VDC	24VDC
Power Consumption	7.5W	15W	22.5W	30W

Control

Protocols	DMX512 Control	DMX512 Control	DMX512 Control	DMX512 Control
PWM Frequency	256KHz@8-Bit Grayscale			
Addressing	Manual Addressing with Colordreamer Addressing Tool CD-MT512			
Pixels	10Pixels	20Pixels	30Pixels	40Pixels

Physical

Material	PC
Cover	Opal
Diameter	φ50mm
Cable Entry	Top Entry
Mounting	Suspended
Length	500mm/1000mm/1500mm/2000mm



24V
DC

15W
Power

DMX

UV
resistant

IP65

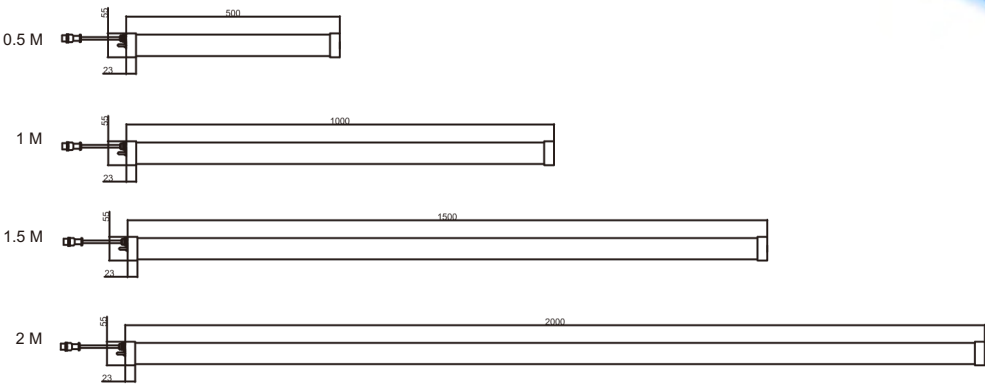
-30° C to
+50° C

CE

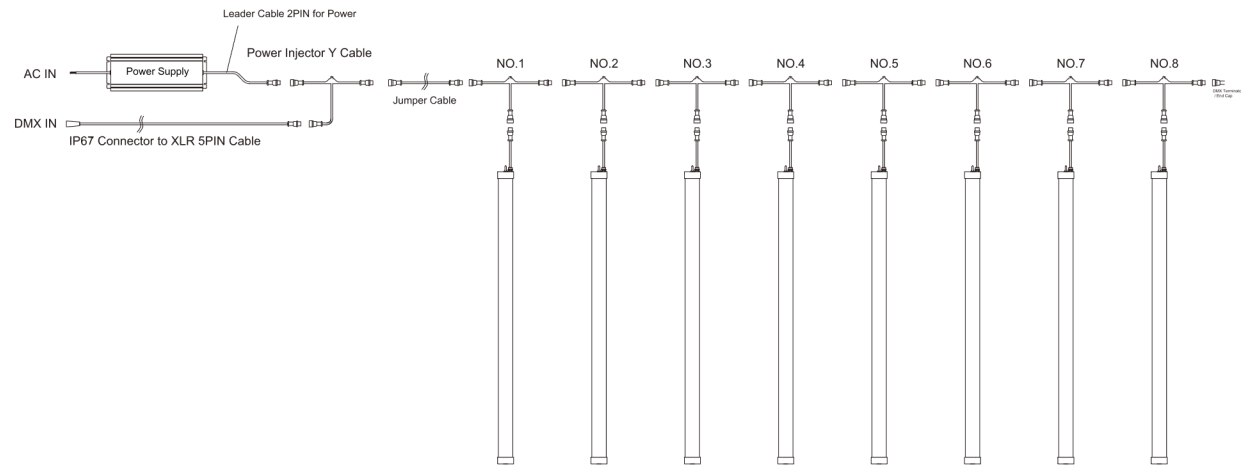
RoHS

Warranty
3
years

Dimension



System Diagram





24V
DC

1.2W
Power

DMX

UV
resistant

IP65

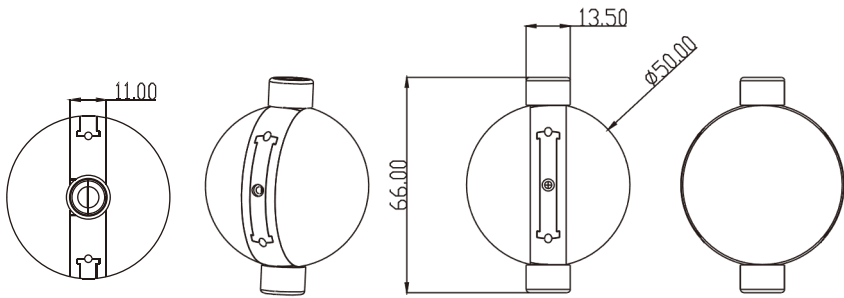
-30° C to
+50° C

CE

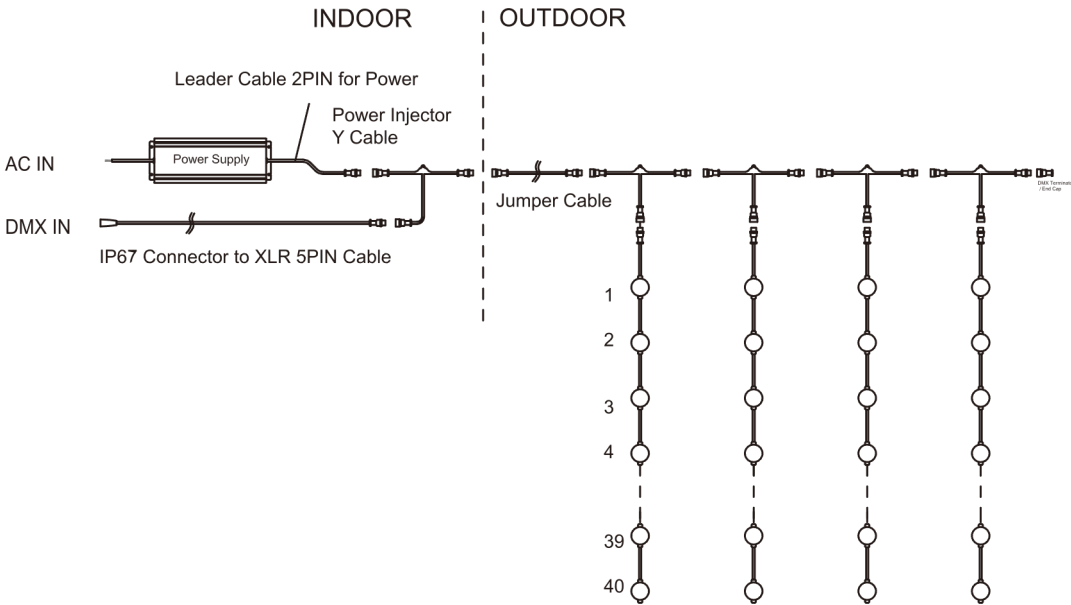
RoHS

Warranty
3
years

Dimension



System Diagram







DMX Ball String – BM50

Static White/Tunable White/RGB/RGBW

This DMX 3D Balls can be suspended from the ceiling vertically in stage, events, theme park and so on. Multiple LED Balls are designed to form a video light curtain or 3D visual matrix. Double side lighting effects can be seen from 360degree.

Product Specification

Models LED	BM500801	BM501202	BM500803	BM501204
Color				
Light Source	Epistar	Epistar	Epistar	Epistar
Color	W:3000K	W:3000K	R:619-624nm	R:619-624nm
	W:4000K	W:6000K	G:520-540nm	G:520-540nm
	W:6000K		B:460-480nm	B:460-480nm
				W:3000K/4000K/6000K
CRI for White LED	Ra>80	Ra>80	-	Ra>80
LED QTY	8LEDs	12LEDs	8LEDs	6 RGB LEDs+6 White LEDs

Performance

Lumen Output	288lm	288lm	288lm	288lm
Efficacy	47lm/W	47lm/W	47lm/W	47lm/Wn
Beam Angle	360° opal Cover			

Electrical

Input Voltage	24VDC	24VDC	24VDC	24VDC
Power Consumption	1.2W	1.2W	1.2W	1.2W

Control

Protocols	DMX512 Control	DMX512 Control	DMX512 Control	DMX512 Control
PWM Frequency	256KHz@8-Bit Grayscale			
Addressing	Manual Addressing with Colordreamer Addressing Tool CD-MT512			
Pixels Pitch	150mm to 1000mm			

Physical

Material	Polycarbonate Body with UV Protected Lens
Cover	Opal
Max.Length	10Meter Per String
Cable Entry	Top/bottom Entry
Dimensions	50X50X66mm
Length	25 balls per string,standard ball pitch 200mm




Olympic DMX Panel- DP1201603

RGB

This DMX Panel is designed for Events,Stadium Games,Stage and so on.High-Brightness IPX6 SMD RGB LEDs are used on this panel.Apply solid capacitor and other good brand components on PCB for long life time.

Product Specification

Models LED	DP1201603
Color	
Light Source	EpistarLED
Color	R:619-624nm G:520-540nm B:460-480nm
LED QTY	16LEDs
Performance	
Lumen Output	88lm
Beam Angle	115°
Electrical	
Input Voltage	24VDC
Power Consumption	3W
Control	
Protocols	DMX512 Control
PWM Frequency	1KHz@16-Bit Grayscale/ 256KHz@8-Bit Grayscale
Addressing	Auto Addressing
DMX Channels	3Channels
Physical	
Material	PC
Finish Color	Black
Optics	Open
Cable Entry Dimensions (L X W X H)	Bottom Entry 120X120mm

24V
DC

3W
Power

DMX

UV
resistant

IP65

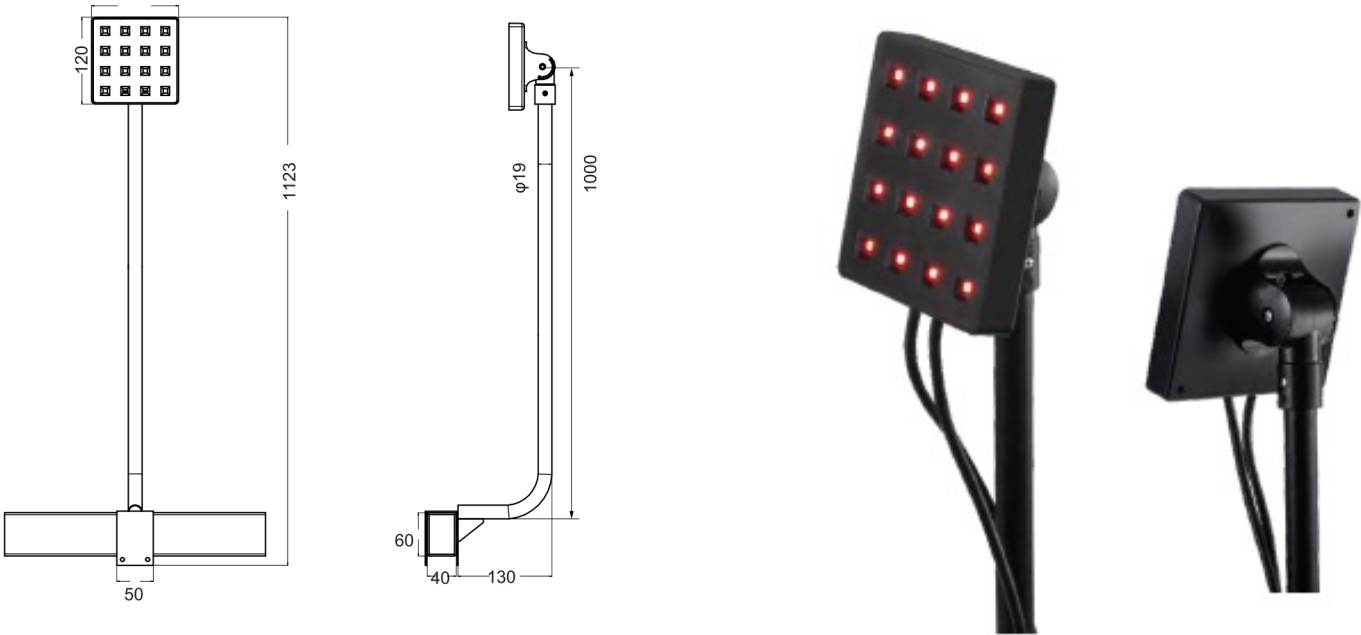
-30° C to
+50° C

CE

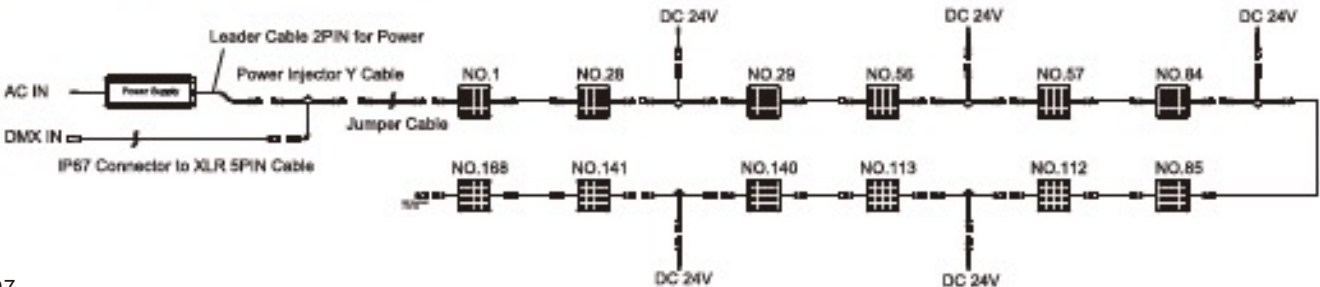
RoHS

Warranty
3
years

Dimension



System Diagram





24V
DC

8W
Power

DMX

UV
resistant

IP20

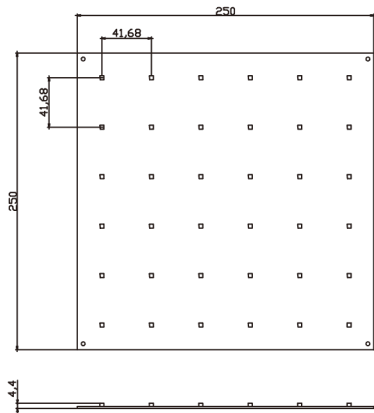
-30° C to
+50° C

CE

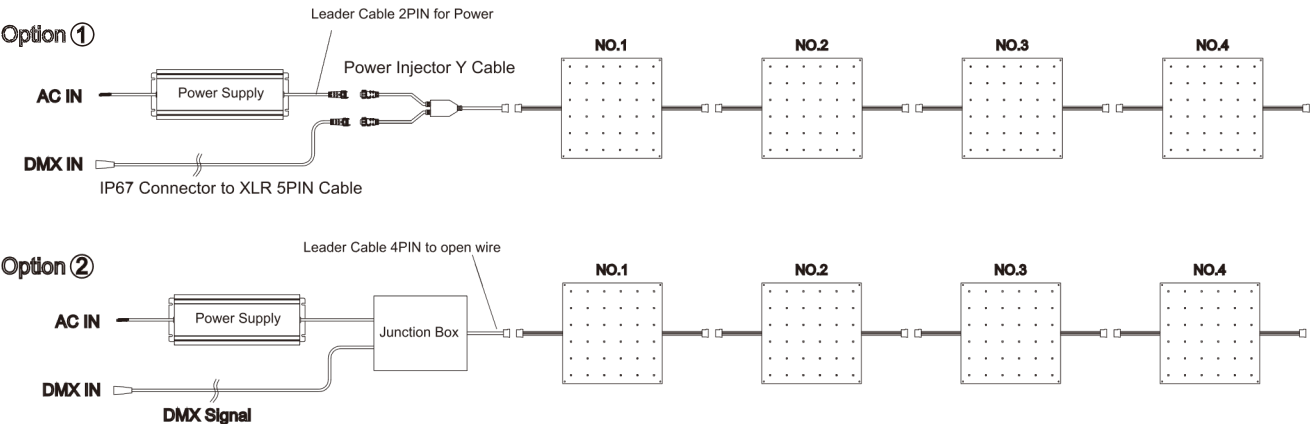
RoHS

Warranty
3
years

Dimension



System Diagram




DMX Pixel Board – DP2506404

RGBW

This LED DMX Panel is designed for lighting box,backlight and so on.We used Top Brand Glue for better heatconduction, strong temperature withstand and perfect waterproof performance. Apply solid capacitor and other good brand components on PCB for long life time.

Product Specification

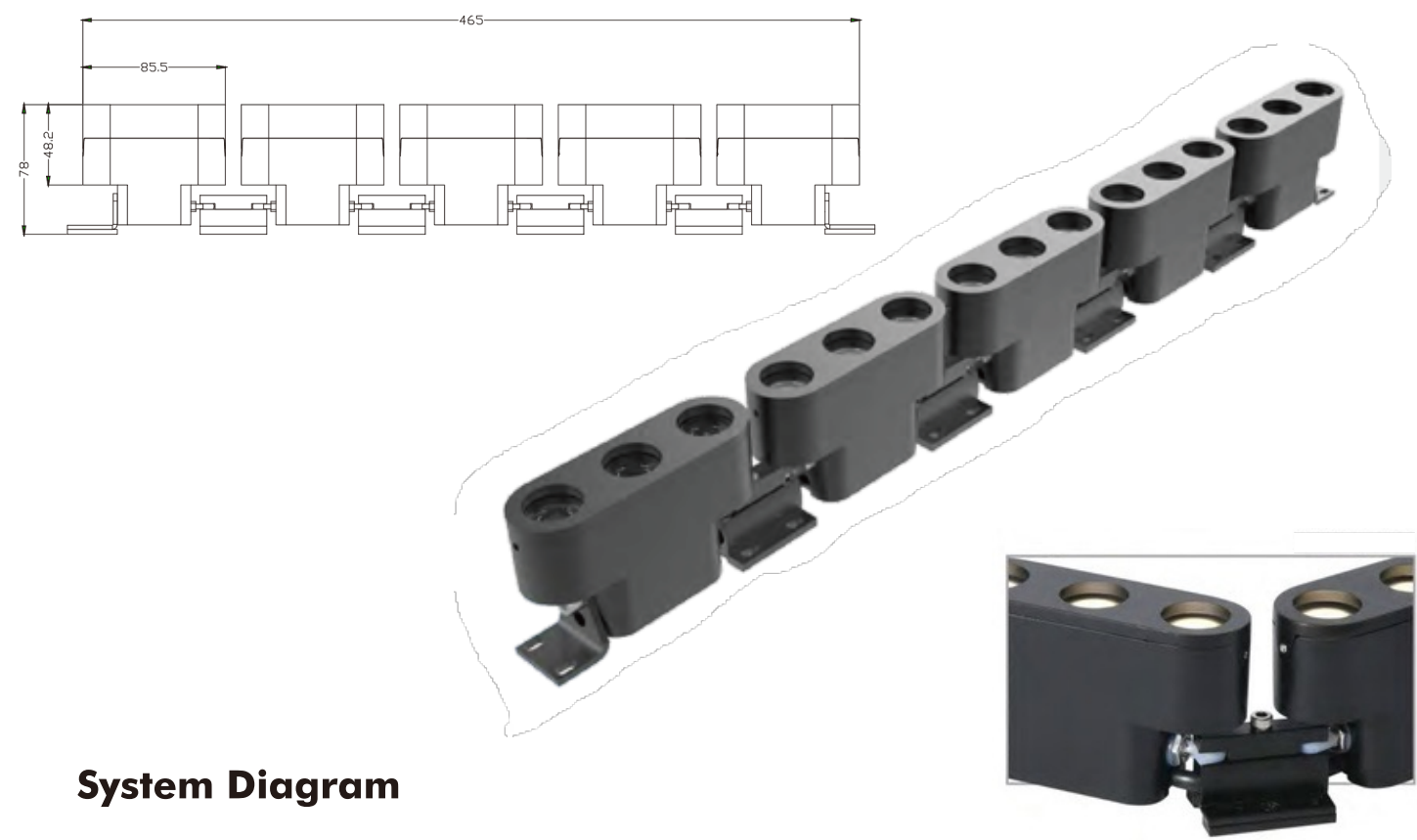
Models LED	DP2506404
Color	
Light Source	Epistar or CREE LED
Color	R:619-624nm G:520-535nm B:460-475nm W:3000K/4000K/5700K
LED QTY	64LEDs
Performance	
Lumen Output	375lm
Beam Angle	115°
Electrical	
Input Voltage	24VDC
Power Consumption	10W
Control	
Protocols	DMX512 Control
PWM Frequency	1KHz@16-Bit Grayscale/ 256KHz@8-Bit Grayscale
Addressing	Auto Addressing or Manual Addressing with Colordreamer Addressing Tool
Pixels	16Pixels
Physical	
Material	FR4 PCB Board
Finish Color	White
Optics	N/A
Cable Entry Dimensions (L X W X H)	Side Entry 250X250mm



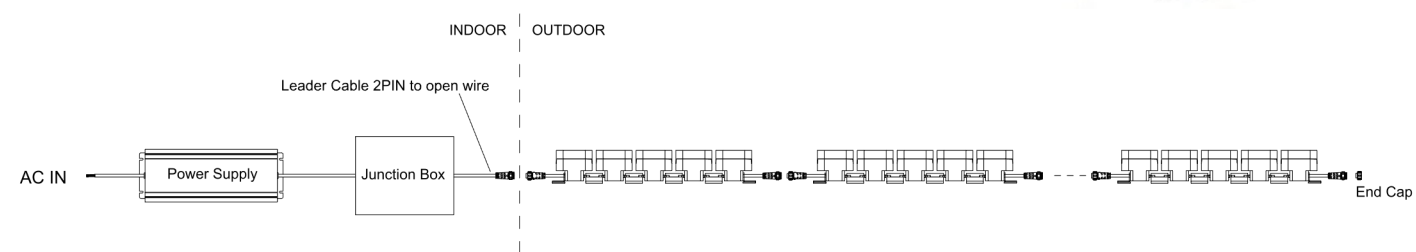


- 24V DC
- 5W Power
- PWM Dimmable
- Light On/Off
- UV resistant
- IP54
- 30° C to +50° C
- CE
- RoHS
- Warranty 3 years

Dimension



System Diagram



LED Wall Washer – W32

Static White

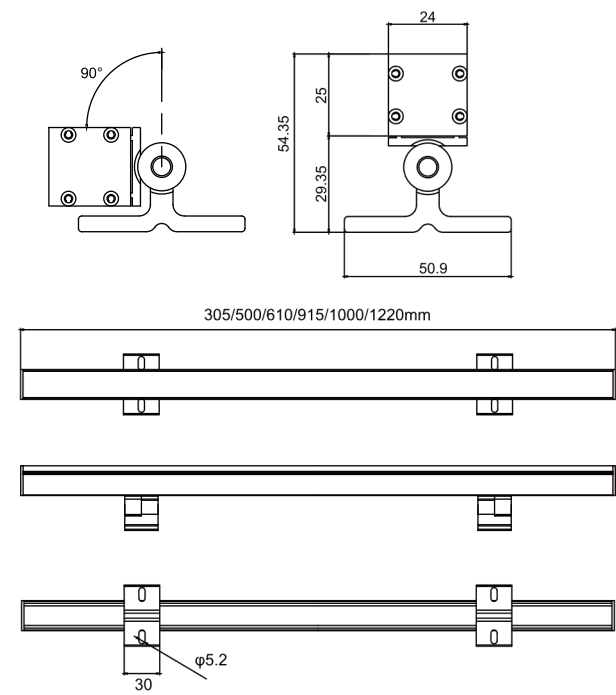
The Colordreamer W32 LED Washer is a IP54 rated exterior compact flex linear grazing luminaire with high output brightness. With modular splicing design, the irradiation angle can be adjusted by a single module, and the light distribution is complete.

Product Specification

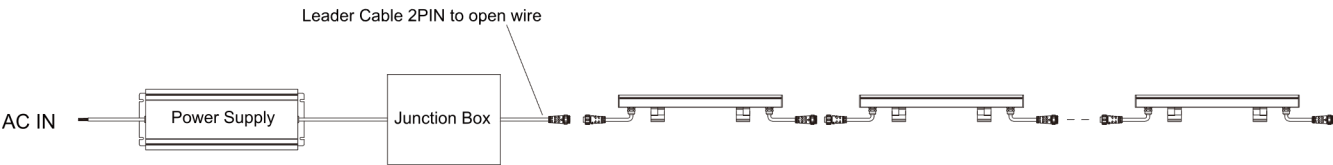
Models LED	W320100301
Color	Static White
Light Source	High Power LED
Color	W:2700K W:3000K W:4000K W:5700K W:6500K
CRI for White	Ra>80
LED LED QTY	3LEDs per module
Performance	
Lumen Output	400lm
Beam Angle	15° 20° 30° 50° 20°X40°
Electrical	
Input Voltage	24VDC
Power Consumption	5W per module
Control	
Protocols	On-off PWM Dimmable
Physical	
Housing	Aluminum 6063 with Tempered Glass
Finish Color	Powder coating, Black/Grey Silver or Custom RAL Color
Dimensions (L X W X H)	100X32X65mm per module
Length	Max 5modules 540mm L
Cable Entry	Side Entry
Mounting	Surface Mounting
Accessory	Honey Comb Louver



Dimension







System Diagram



LED Wall Washer – W24
Static White

The Colordreamer W24 LED Washer is a IP66 rated exterior compact linear grazing luminaire with high output brightness.

Product Specification

Models LED	W241002401
Color	
Light Source	Mid Power LED
Color	W:2700K W:3000K W:4000K W:5700K W:6500K
CRI for White LED	Ra>80
LED QTY	24LEDs per meter
Performance	
Lumen Output	100lm/W based at 4000K
Beam Angle	 20°  40°  23°X40°
Electrical	
Input Voltage	24VDC
Power Consumption	24W/Meter
Control	
Protocols	On-off PWM Dimmable
Physical	
Housing	Aluminum 6063 with Tempered Glass
Finish Color	Powder coating, Black/Grey Silver or Custom RAL Color
Dimensions (L X W X H)	1000*51*55mm
Length	500mm/1000mm 305mm/1220mm
Cable Entry	Bottom Entry
Mounting	Surface Mounting



24V
DC

36W
Power

PWM
DMX

Light
On/Off

UV
resistant

IP67

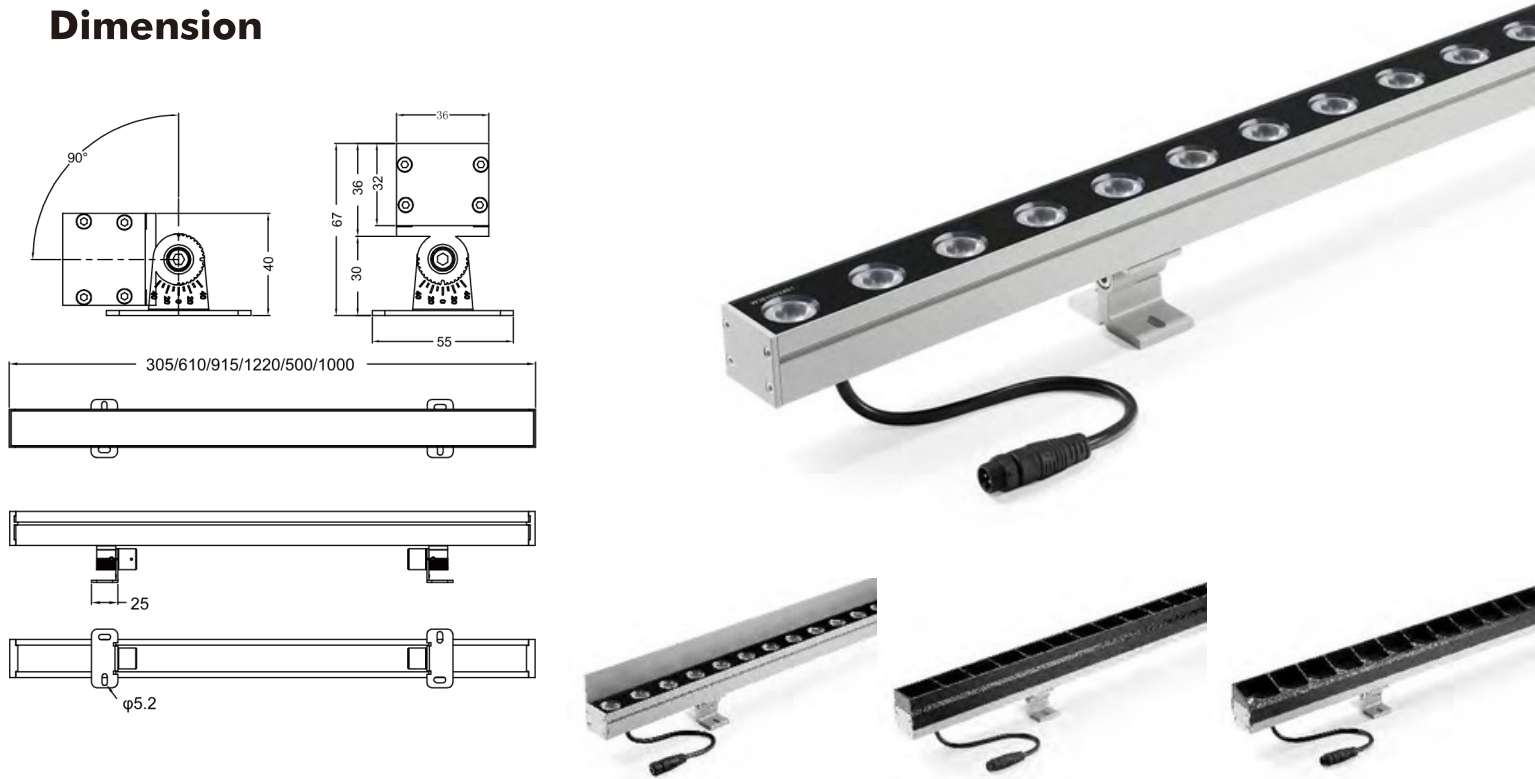
-30° C to
+50° C

CE

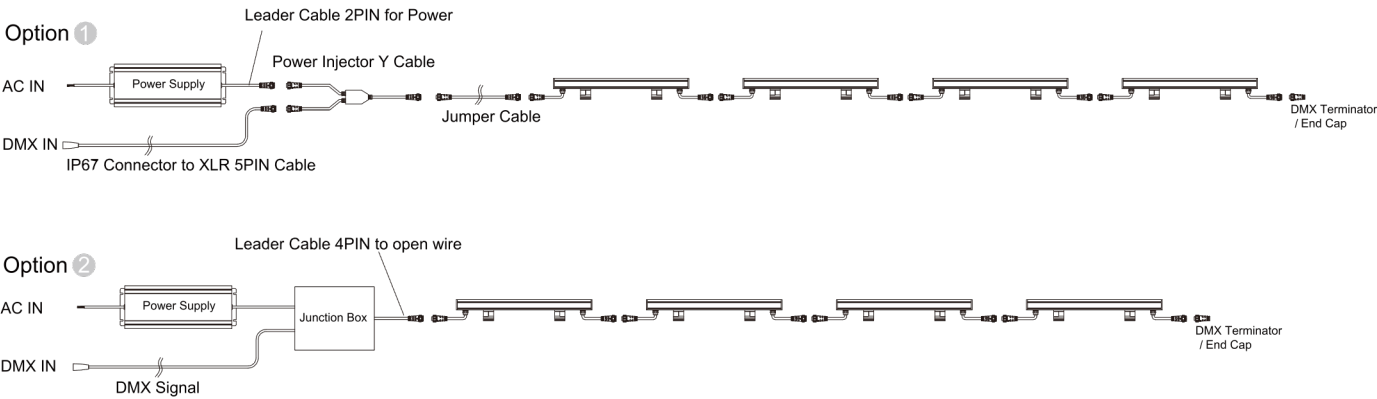
RoHS

Warranty
3
years

Dimension



System Diagram





LED Wall Washer – W36









Static White/RGBW

The Colordreamer W36 LED Washer is a IP66 rated exterior compact linear grazing luminaire with high output brightness.

Product Specification

Models LED	W361002401	W361002404
Color		
Light Source	High Power LED	High Power LED
Color	2700K 3000K 4000K 5700K 6500K	R:619-624nm G:520-535nm B:460-475nm W:3000K/4000K/5700K
CRI for White LED	Ra>80	Ra>80
LED QTY	24LEDs per meter	24pcs RGBW 4IN1 LEDs

Performance

Lumen Output	2880lm						1900lm	
Efficacy	80lm/W based at W3000K						52lm/W based at W3000K	
Beam Angle								
	10°	20°	30°	45°	15°X40°	15°X60°	20°	20°X35°

Electrical

Input Voltage	24VDC	24VDC
Power Consumption	36W per meter	36W per meter

Control

Protocols	Light On-off or PWM or DMX	DMX
Addressing	Manual Addressing with Colordreamer Addressing Tool	
Pixels	1Pixel	1Pixel / 4Pixels

Physical



Housing	Aluminum 6063 with Tempered Glass
Finish Color	Powder coating, Black/Grey Silver or Custom RAL Color
Cable Entry	Bottom Entry
Dimensions (L X W X H)	1000*36*32mm (exclude brackets) 1000*55*67mm (include brackets)
Mounting	Surface Mounting
Length	500mm/1000mm/305mm/1220mm

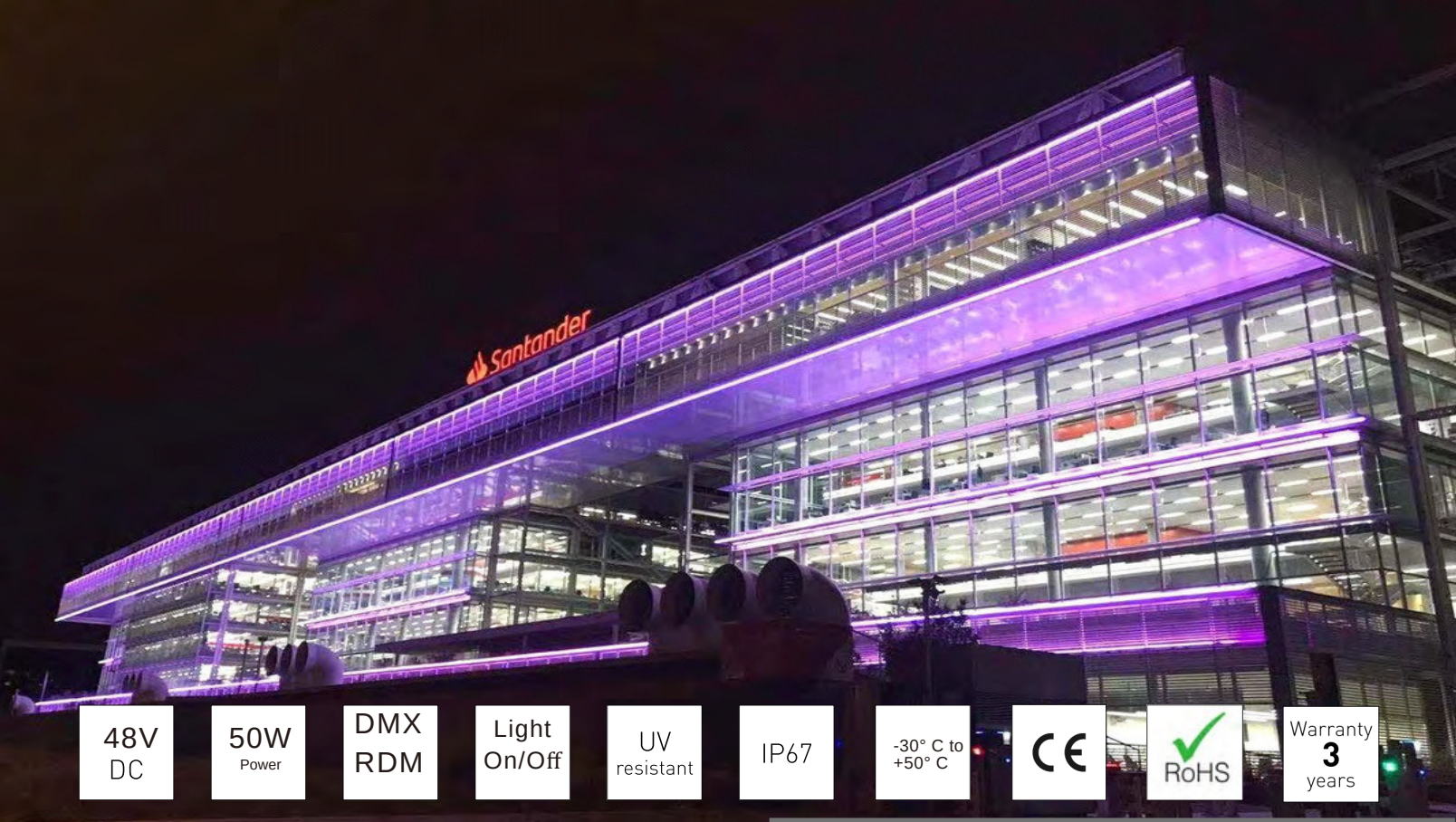
LED Wall Washer – W45

Static White/RGBW

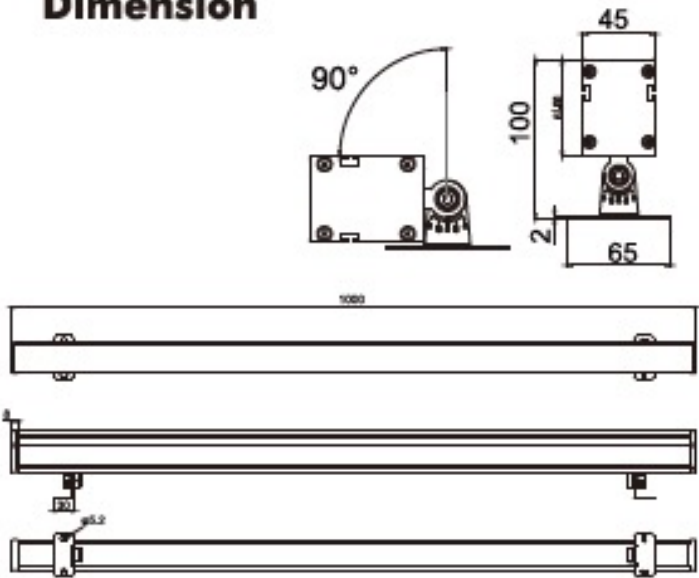
The Colordreamer W45 LED Washer is a IP66 rated exterior middle size linear grazing luminaire with high output brightness.

Product Specification

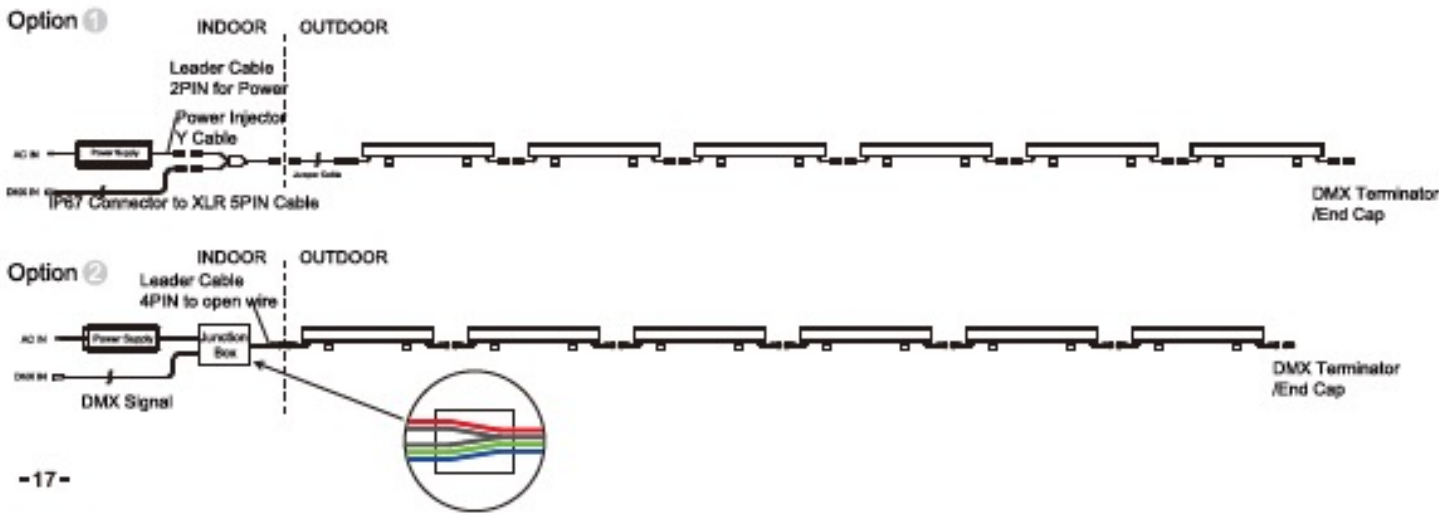
Models LED	W451002401	W451002404
Color		
Light Source	High Power LED	Hgh iPower LED
Color	2700K 3000K 4000K 5700K 6500K	R:619-624nm G:520-535nm B:460-475nm W:3000K/4000K/5700K
CRI for White LED	Ra>80	Ra>80
LED QTY	24LEDs per meter	24pcs RGBW 4IN1 LEDs
Performance		
Lumen Output	3840lm	2500lm
Efficacy	80lm/W based at W3000K	52lm/W based at W3000K
Beam Angle		
Electrical		
Input Voltage	48VDC	48VDC
Power Consumption	50W per meter	50W per meter
Control		
Protocols	Light On-off or PWM or DMX	DMX
Addressing	Manual Addressing with Colordreamer Addressing Tool	
Pixels	1Pixel	1Pixel / 4Pixels
Physical		
Housing	Aluminum 6063 with Tempered Glass	
Finish Color	Powder coating, Black/Grey Silver or Custom RAL Color	
Cable Entry	Bottom Entry	
Dimensions (L X W X H)	1000*45*60mm (exclude brackets) 1000*65*101mm (include brackets)	
Mounting	Surface Mounting	
Length	500mm/1000mm/305mm/1220mm	



Dimension



System Diagram





120-277
VAC

50W
Power

DMX
RDM

Light
On/Off

UV
resistant

IP67

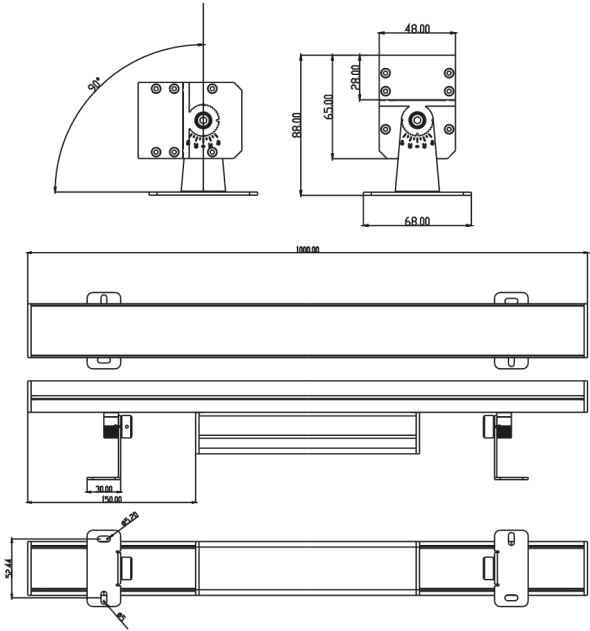
-30° C to
+50° C

CE

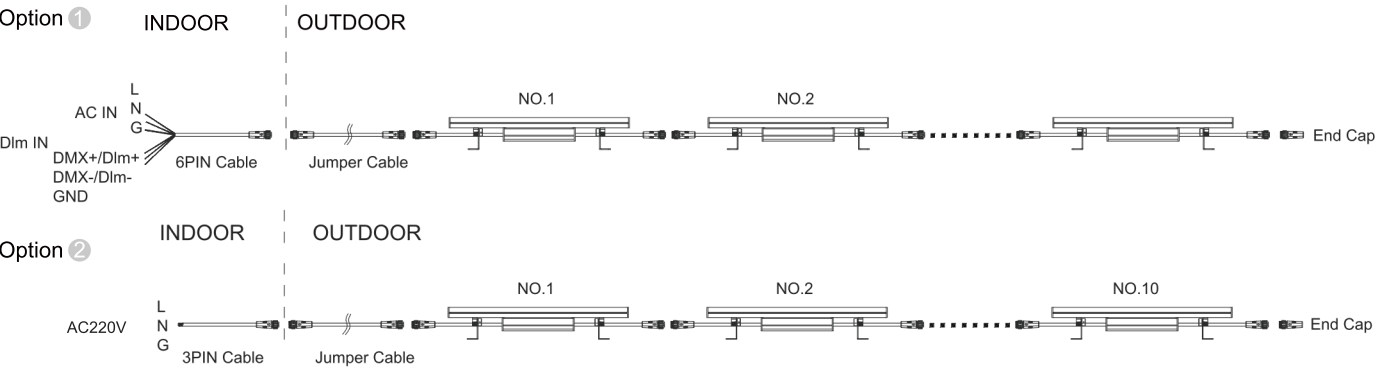
RoHS

Warranty
3
years

Dimension



System Diagram





LED Wall Washer – W48









Static White/RGBW

The Colordreamer W48 LED Washer is a IP66 rated exterior middle size linear grazing luminaire with high output brightness.

Product Specification

Models LED	W481002401	W481002404
Color		
Light Source	High Power LED	High Power LED
Color	2700K 3000K 4000K 5700K 6500K	R:619-624nm G:520-535nm B:460-475nm W:3000K/4000K/5700K
CRI for White LED	Ra>80	Ra>80
LED QTY	24LEDs per meter	24pcs RGBW 4IN1 LEDs

Performance

Lumen Output	3840lm				2500lm			
Efficacy	80lm/W based at W3000K				52lm/W based at W3000K			
Beam Angle								
	10°	20	30°	45	15°X40°	15°X60°	20	20°X35°

Electrical

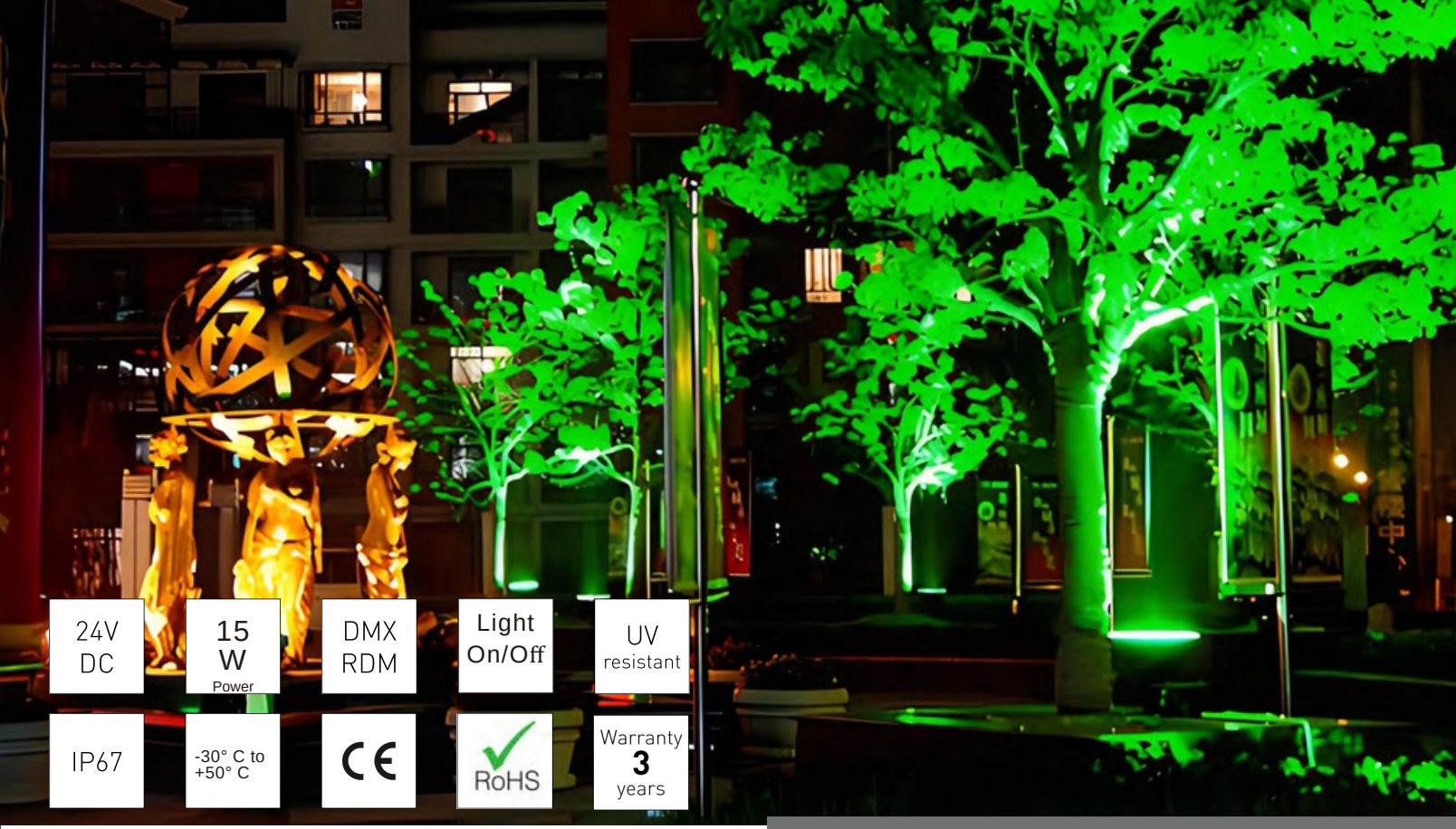
Input Voltage	120-277VAC	120-277VAC
Power Consumption	50W per meter	50W per meter

Control

Protocols	Light On-off or PWM or DMX	DMX
Addressing	Manual Addressing with Colordreamer Addressing Tool	
Pixels	1Pixel	1Pixel / 4Pixels

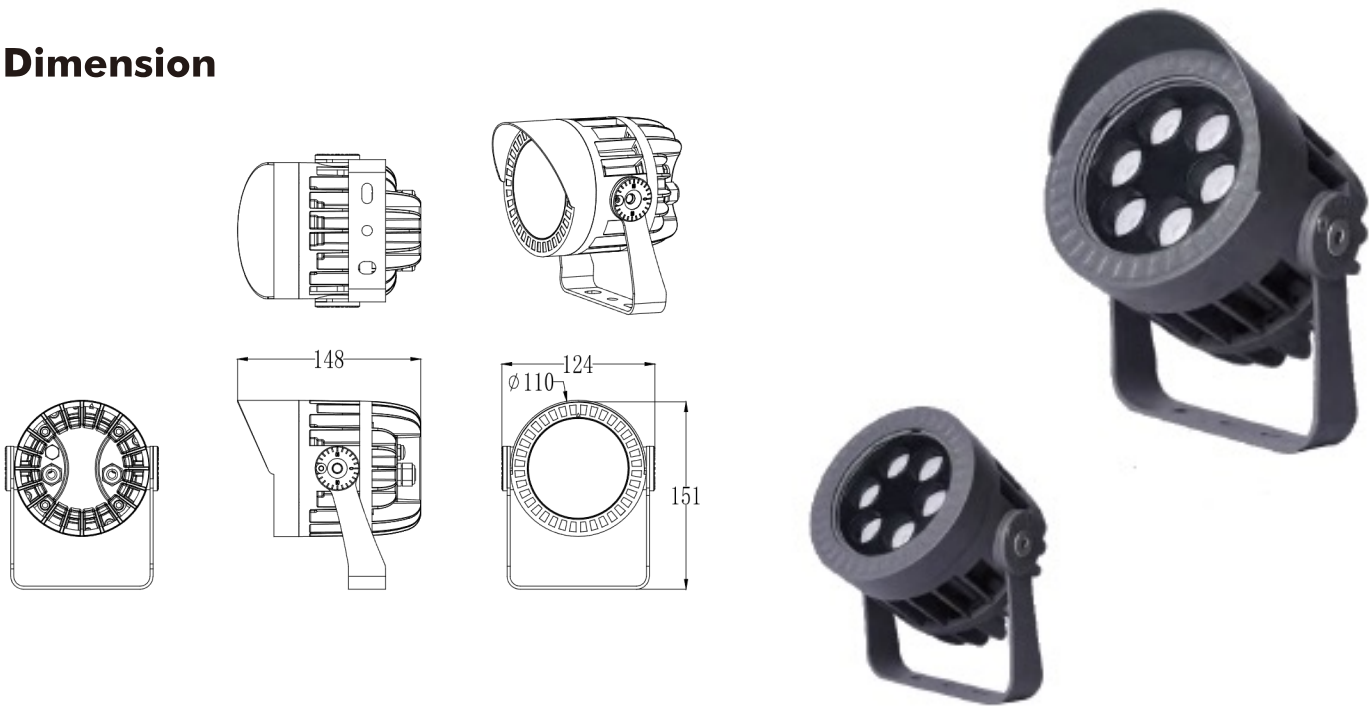
Physical

Housing	Aluminum 6063 with Tempered Glass
Finish Color	Powder coating, Black/Grey Silver or Custom RAL Color
Cable Entry	Bottom Entry
Dimensions (L X W X H)	1000*48*65mm (exclude brackets) 1000*68*88mm (include brackets)
Mounting	Surface Mounting
Length	1000mm/610mm/1220mm

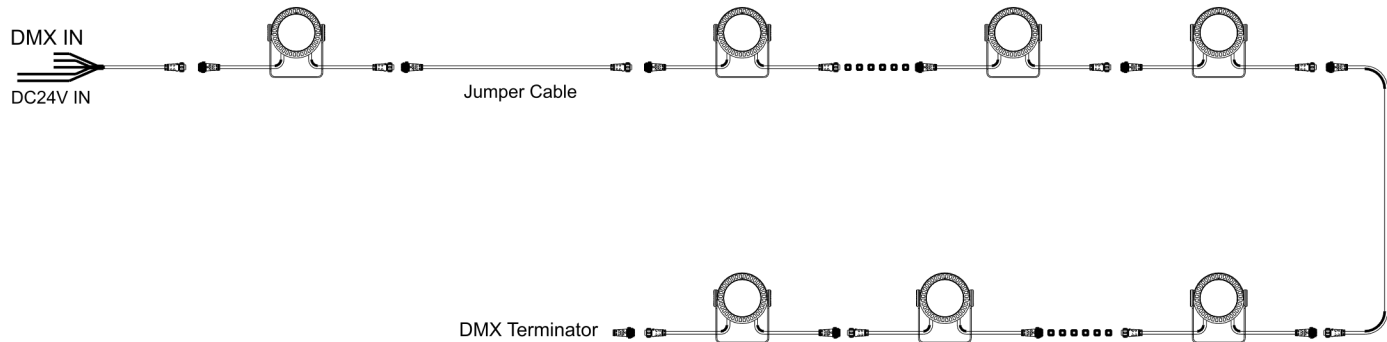


- 24V
DC
- 15
W
Power
- DMX
RDM
- Light
On/Off
- UV
resistant
- IP67
- 30° C to
+50° C
- CE
- RoHS
- Warranty
3
years

Dimension



System Diagram





LED Flood Light – F110

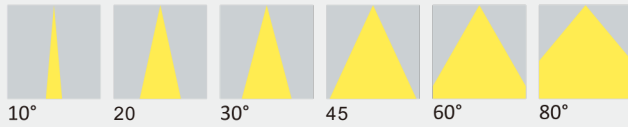
Static White/RGBW

This LED Flood Light is designed for architectural Facade, bridge and so on.It can deliver high efficiency light output and uniform beam with professional lens.We used Top Brand Silicone for better heat conduction, strong temperature withstands and perfect waterproof performance.

Product Specification

Models LED	F1100601	F1100604
Color		
Light Source	High Power LED	High Power LED
Color	2700K 3000K 4000K 5700K 6500K	R:620-630nm G:520-535nm B:450-465nm W:3000K/4000K/6500K
CRI for White LED	Ra>80	Ra>80
LED QTY	6LEDs	6pcs RGBW 4IN1 LEDs

Performance

Lumen Output	1200lumen	900lumen
Efficacy	80lm/W based at W3000K	50lm/W based at W3000K
Beam Angle		

Electrical

Input Voltage	24VDC	24VDC
Power Consumption	15W	15W

Control

Protocols	Light On/Off or DMX-RDM	DMX/RDM
Addressing	Manual Addressing with Colordreamer Addressing Tool	
Pixels	1Pixel	1Pixel

Physical



Material	Aluminum 6063 with Tempered Glass
Finish Color	Powder coating Deep Grey
Cable Entry	Bottom Entry
Dimensions (L X W X H)	124X148X151mm
Mounting	Surface Mounting
Accessory	Half Glare Shield

LED Flood Light – F130







Static White/RGBW

This LED Flood Light is designed for architectural Facade, bridge and so on.It can deliver high efficiency light output and uniform beam with professional lens.We used Top Brand Silicone for better heat conduction, strong temperature withstands and perfect waterproof performance.

Product Specification

Models LED	F1301201	F1301204
Color		
Light Source	High Power LED	High Power LED
Color	2700K 3000K 4000K 5700K 6500K	R:620-630nm G:520-535nm B:450-465nm W:3000K/4000K/6500K
CRI for White LED	Ra>80	Ra>80
LED QTY	12LEDs	12pcs RGBW 4IN1 LEDs

Performance

Lumen Output	1900lumen			1200lumen		
Efficacy	80lm/W based at W3000K			50lm/W based at W3000K		
Beam Angle	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>					

Electrical

Input Voltage	24VDC	24VDC
Power Consumption	24W	24W

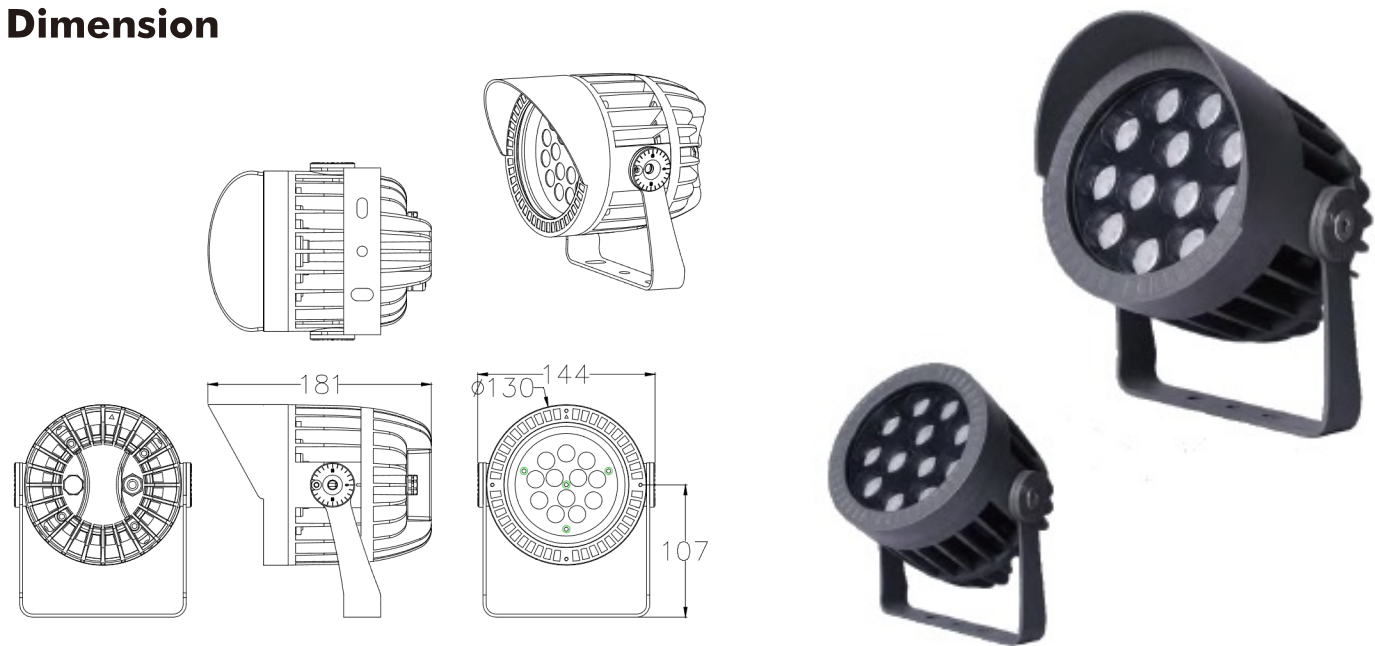
Control

Protocols	Light On/Off or DMX-RDM	DMX/RDM
Addressing	Manual Addressing with Colordreamer Addressing Tool	
Pixels	1Pixel	1Pixel

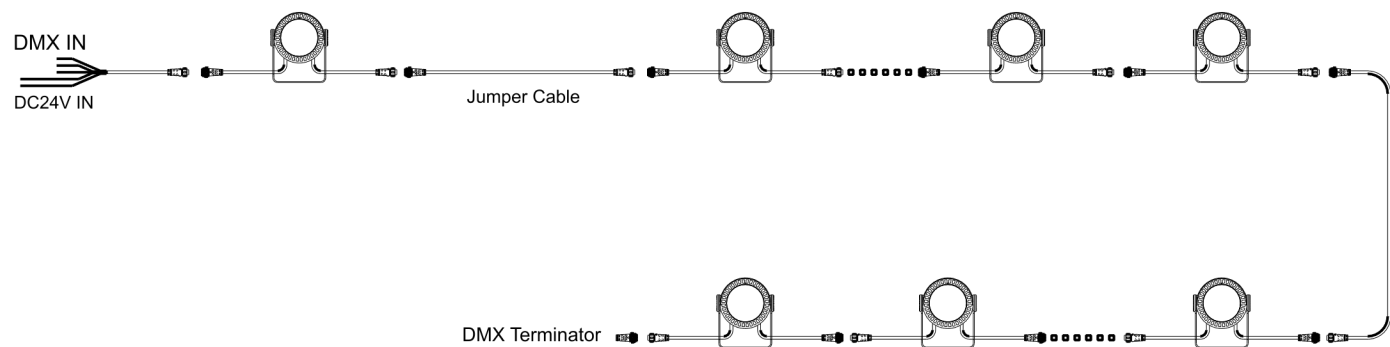
Physical

Material	Aluminum 6063 with Tempered Glass
Finish Color	Powder coating Deep Grey
Cable Entry	Bottom Entry
Dimensions (L X W X H)	144X181X172mm
Mounting	Surface Mounting
Accessory	Half Glare Shield

Dimension



System Diagram





LED Flood Light – F160

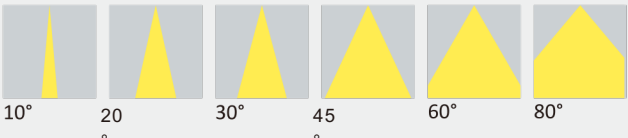
Static White/RGBW

This LED Flood Light is designed for architectural Facade, bridge and so on.It can deliver high efficiency light output and uniform beam with professional lens.We used Top Brand Silicone for better heat conduction, strong temperature withstands and perfect waterproof performance.

Product Specification

Models LED	F1601801	F1601804
Color		
Light Source	High Power LED	High Power LED
Color	2700K 3000K 4000K 5700K 6500K	R:620-630nm G:520-535nm B:450-465nm W:3000K/4000K/6500K
CRI for White LED	Ra>80	Ra>80
LED QTY	18LEDs	18pcs RGBW 4IN1 LEDs

Performance

Lumen Output	2880lumen	1800lumen
Efficacy	80lm/W based at W3000K	50lm/W based at W3000K
Beam Angle		

Electrical

Input Voltage	120-277VAC	120-277VAC
Power Consumption	36W	36W

Control

Protocols	Light On/Off or DMX-RDM	DMX/RDM
Addressing	Manual Addressing with Colordreamer Addressing Tool	
Pixels	1Pixel	1Pixel

Physical

Material	Aluminum 6063 with Tempered Glass
Finish Color	Powder coating Deep Grey
Cable Entry	Bottom Entry
Dimensions (L X W X H)	182X247X213mm
Mounting	Surface Mounting
Accessory	Half Glare Shield

120-277 VAC

36W Power

DMX RDM

Light On/Off

UV resistant

IP67

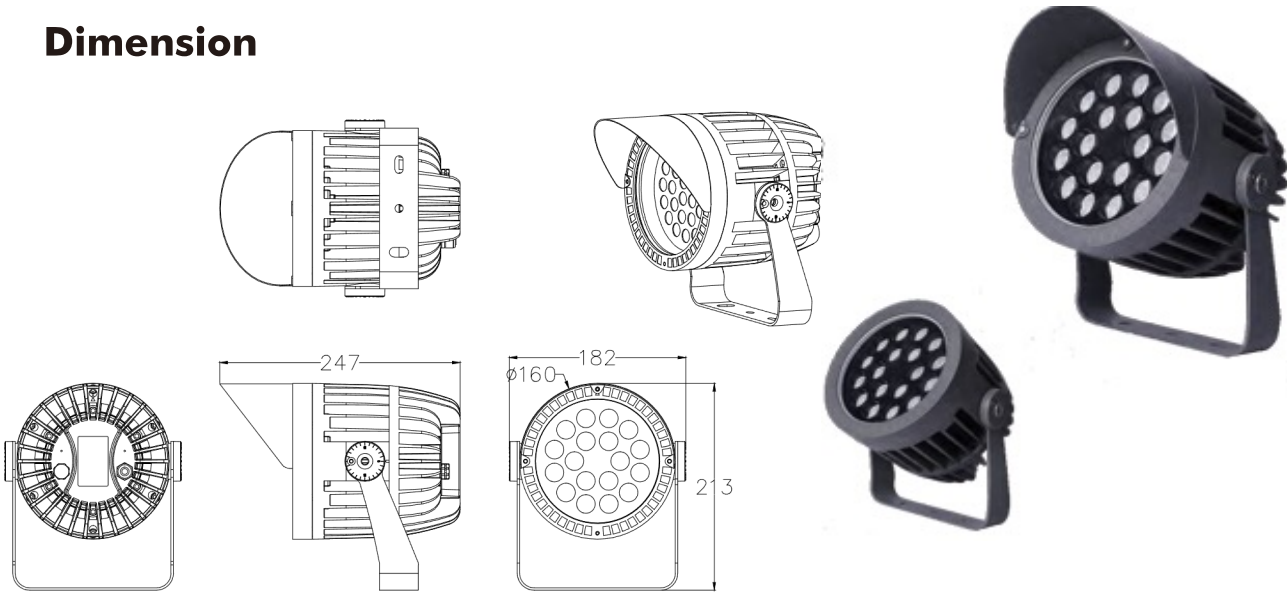
-30° C to +50° C

CE

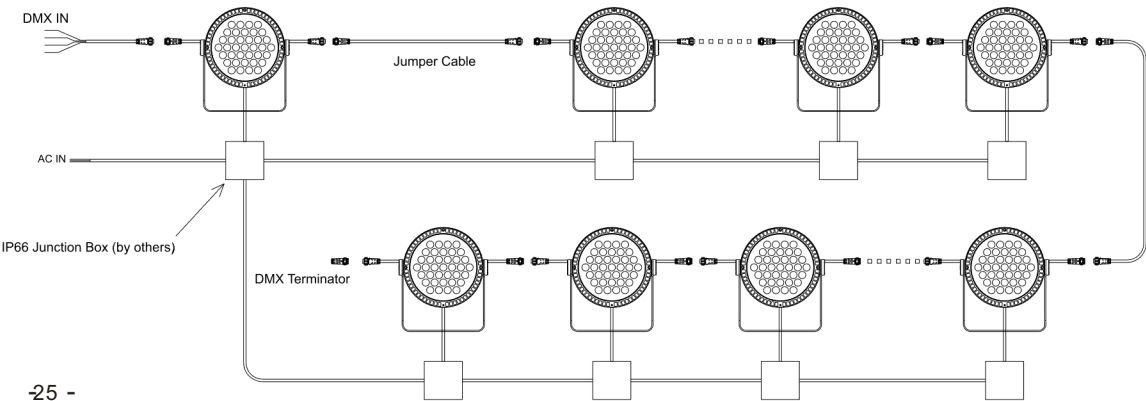
RoHS

Warranty 3 years

Dimension





System Diagram



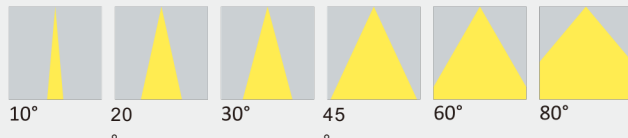
LED Flood Light – F180
Static

White/RGBW is designed for architectural Facade, bridge and so on.It can deliver high efficiency light output and uniform beam with professional lens.We used Top Brand Silicone for better heat conduction, strong temperature withstands and perfect waterproof performance.

Product Specification

Models LED	F1802401	F1802404
Color		
Light Source	High Power LED	High Power LED
Color	2700K 3000K 4000K 5700K 6500K	R:620-630nm G:520-535nm B:450-465nm W:3000K/4000K/6500K
CRI for White LED	Ra>80	Ra>80
LED QTY	24LEDs	24pcs RGBW 4IN1 LEDs

Performance

Lumen Output	3840lumen		2400lumen	
Efficacy	80lm/W based at W3000K		50lm/W based at W3000K	
Beam Angle				

Electrical

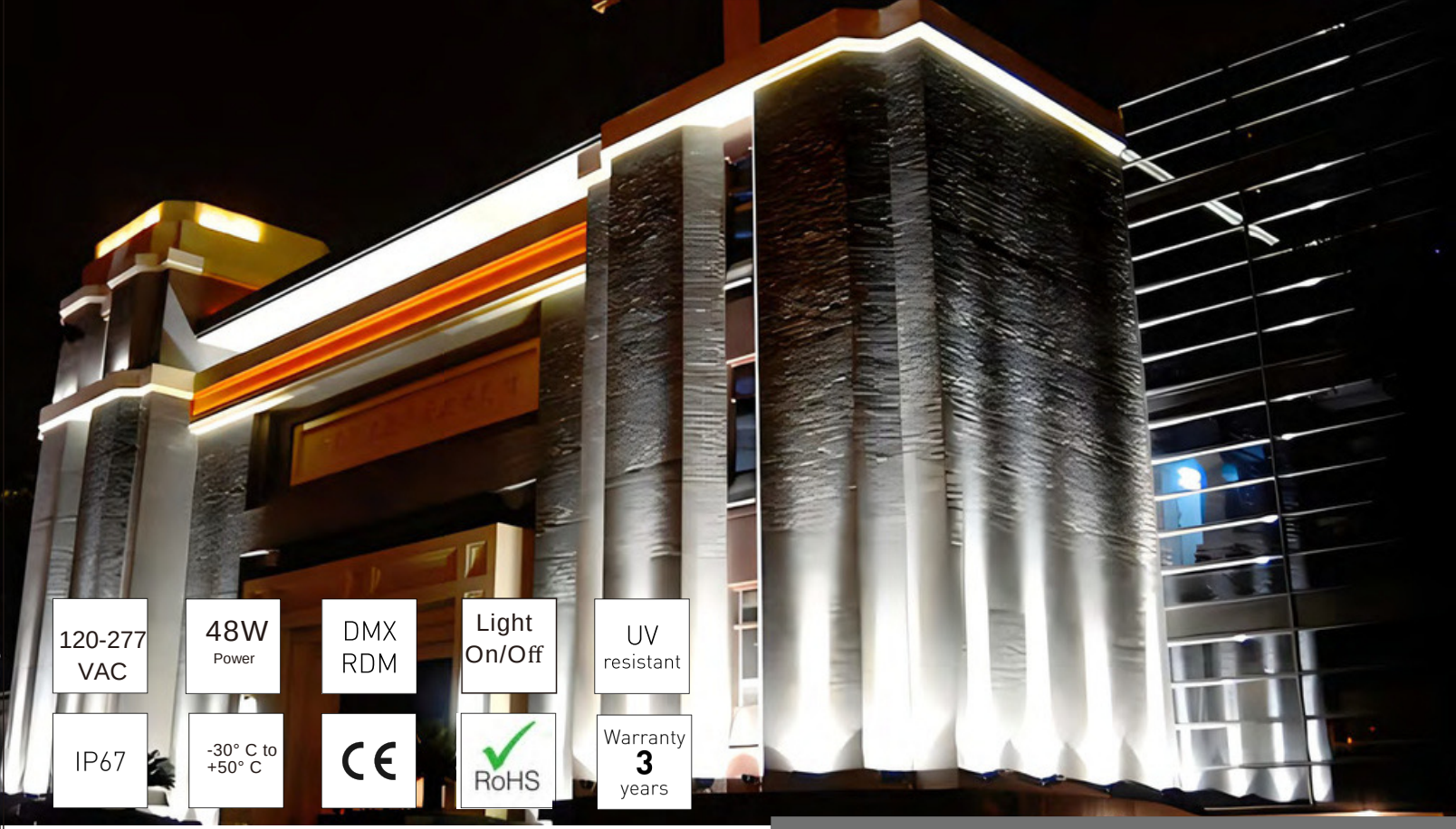
Input Voltage	120-277VAC	120-277VAC
Power Consumption	48W	48W

Control

Protocols	Light On/Off or DMX-RDM	DMX/RDM
Addressing	Manual Addressing with Colordreamer Addressing Tool	
Pixels	1Pixel	1Pixel

Physical

Material	Aluminum 6063 with Tempered Glass
Finish Color	Powder coating Deep Grey
Cable Entry	Bottom Entry
Dimensions (L X W X H)	203X260X242mm
Mounting	Surface Mounting
Accessory	Half Glare Shield

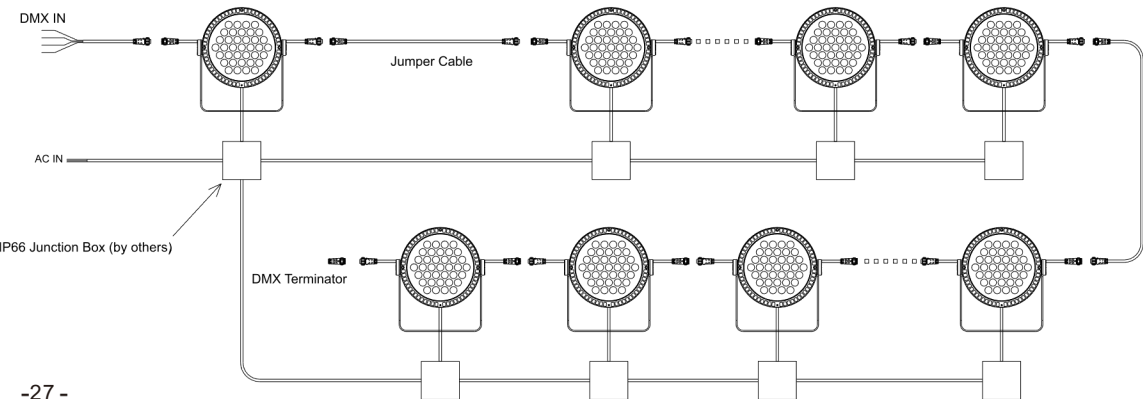


- 120-277
VAC
- 48W
Power
- DMX
RDM
- Light
On/Off
- UV
resistant
- IP67
- 30° C to
+50° C
- CE
- RoHS
- Warranty
3
years

Dimension





System Diagram



LED Flood Light – F210
Static White/RGBW

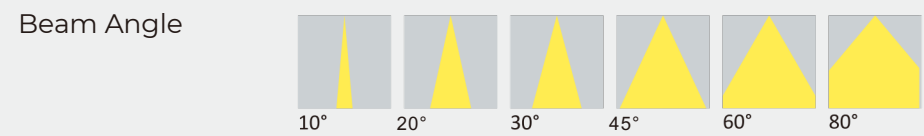
This LED Flood Light is designed for architectural Facade, bridge and so on.It can deliver high efficiency light output and uniform beam with professional lens.We used Top Brand Silicone for better heat conduction, strong temperature withstands and perfect waterproof performance.

Product Specification

Models LED	F2103601	F2103604
Color		
Light Source	High Power LED	High PowerLED
Color	2700K 3000K 4000K 5700K 6500K	R:620-630nm G:520-535nm B:450-465nm W:3000K/4000K/6500K
CRI for White	Ra>80	Ra>80
LED LED QTY	36LEDs	36pcs RGBW 4IN1 LEDs

Performance

Lumen Output	5760lumen	3600lumen
Efficacy	80lm/W based at W3000K	50lm/W based at W3000K



Electrical

Input Voltage	120-277VAC	120-277VAC
Power Consumption	72W	72W

Control

Protocols	Light On/Off or DMX-RDM	DMX/RDM
Addressing	Manual Addressing with Colordreamer Addressing Tool	
Pixels	1Pixel	1Pixel

Physical

Material	Aluminum 6063 with Tempered Glass
Finish Color	Powder coating Deep Grey
Cable Entry	Bottom Entry
Dimensions (L X W X H)	233X313X273mm
Mounting	Surface Mounting
Accessory	Half Glare Shield



120-277
VAC

72W
Power

DMX
RDM

Light
On/Off

UV
resistant

IP67

-30° C to
+50° C

CE

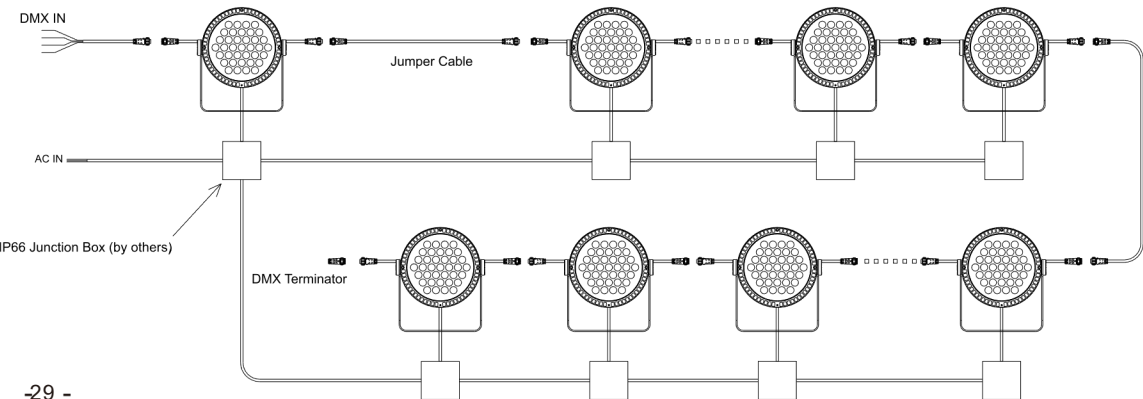
RoHS

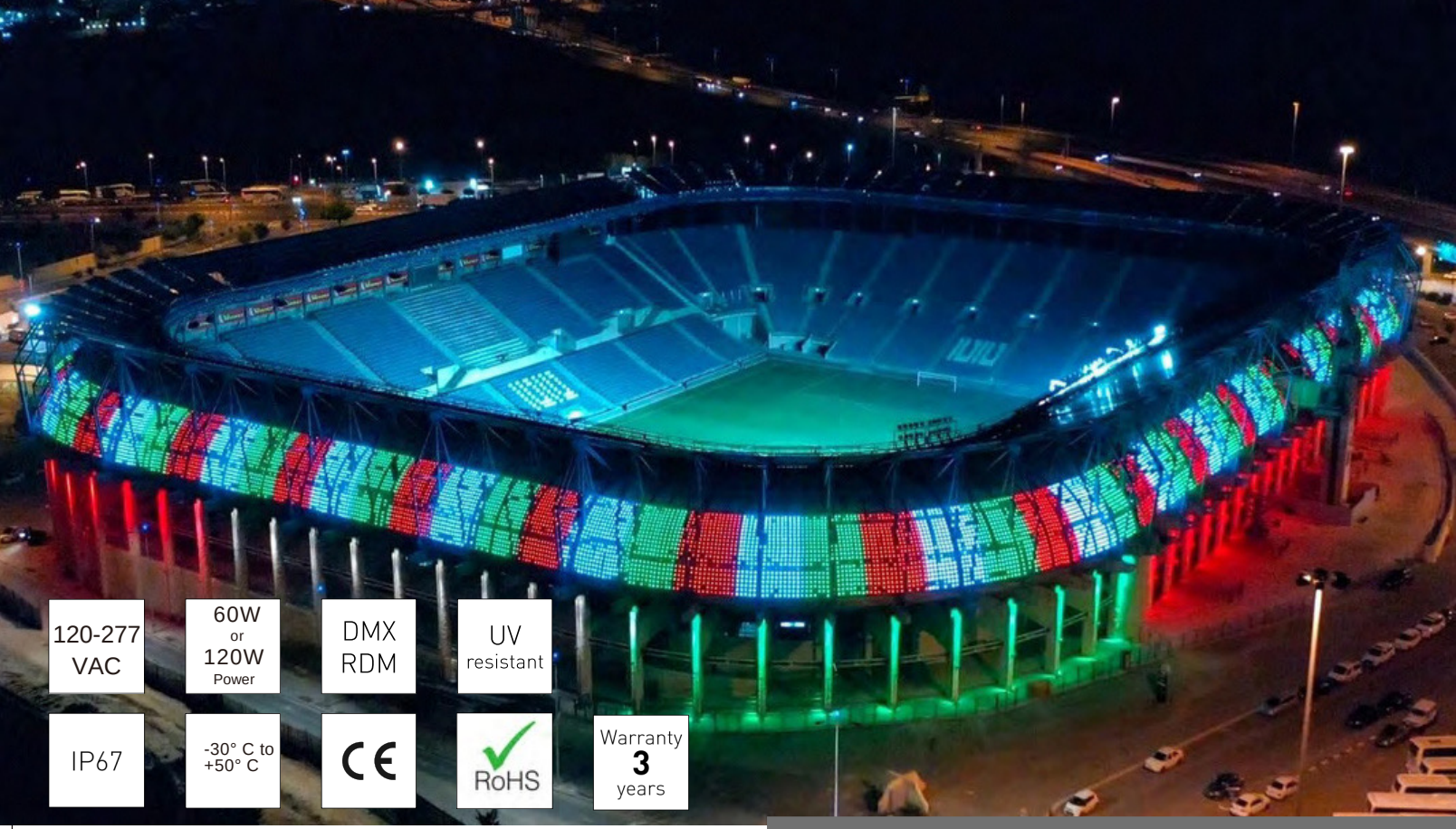
Warranty
3
years

Dimension



System Diagram



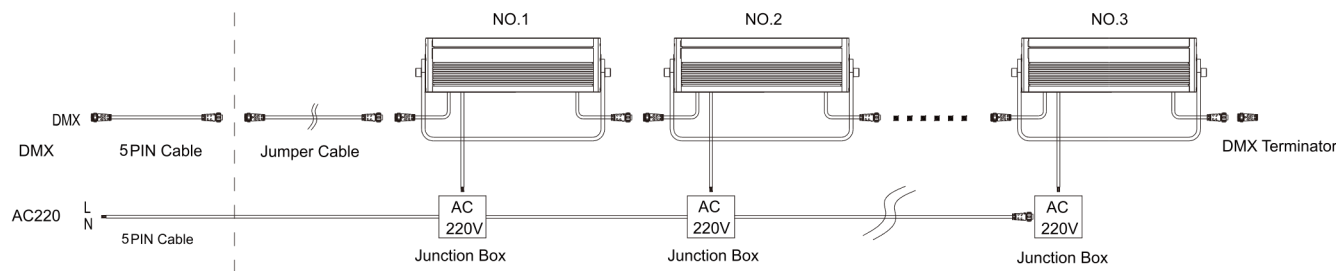


- 120-277
VAC
- 60W
or
120W
Power
- DMX
RDM
- UV
resistant
- IP67
- 30° C to
+50° C
- CE
- RoHS
- Warranty
3
years

Dimension







System Diagram









LED Flood Light – F185
Static White/RGBW

This LED Flood Light is designed for architectural Facade, bridge and so on.It can deliver high efficiency light output and uniform beam with professional lens.We used Top Brand Silicone for better heat conduction, strong temperature withstands and perfect waterproof performance.

Product Specification

Models LED	F1853601	F1857201	F1850904	F1851804
Color				
Light Source	High Power LED	High Power LED	High Power LED	High Power LED
Color	W:3000K W:4000K W:6000K	W:3000K W:4000K W:6000K	R:620-625nm G:524-529nm B:452-457nm W:6000K	R:620-625nm G:524-529nm B:452-457nm W:6000K
CRI for White LED	Ra>80	Ra>80	-	-
LED QTY	36LEDs	72LEDs	9LEDs RGBW 4IN1	18LEDs RGBW 4IN1

Performance

Lumen Output	4000lumen	8000lumen	3600lumen	7200lumen		
Efficacy	80lumen /W	80lumen /W	48lumen /W	48lumen /W		
Beam Angle						

Electrical

Input Voltage	120-277VAC	120-277VAC	120-277VAC	120-277VAC
Power Consumption	60W	120W	60W	120W

Control

Protocols	DMX/RDM	DMX/RDM	DMX/RDM	DMX/RDM
Addressing	Manual Addressing with Colordreamer Addressing Tool			
Pixels	1Pixel	1Pixel	1Pixel	1Pixel

Physical




Material	Aluminum 6063 with Tempered Glass		
Finish Color	Powder coating, Black/Grey Silver or Custom RAL Color		
Cable Entry	Bottom Entry		
Dimensions (L X W X H)	220X185X118.5mm (exclude brackets)	385X185X118.5mm (exclude brackets)	
	220X185X225mm (include brackets)	385X185X225mm (include brackets)	
Mounting	Surface Mounting		
Accessory	Half Glare Shield		

LED Flood Light – F490

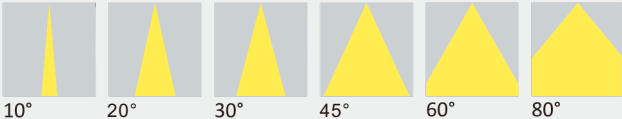
Static White/RGBW

This LED Flood Light is designed for architectural Facade, bridge and so on.It can deliver high efficiency light output and uniform beam with professional lens.We used Top Brand Silicone for better heat conduction, strong temperature withstands and perfect waterproof performance.

Product Specification

Models	F4907201	F4907204	F4904004
LED			
Color			
Light Source	High Power LED	High Power LED	High Power LED
Color	3000K 4000K 5700K 6500K	R:620-630nm G:520-535nm B:450-465nm W:3000K/4000K/ 5700K/6500K Ra>80	R:620-630nm G:520-535nm B:450-465nm W:3000K/4000K/ 5700K/6500K Ra>80
CRI for White LED	Ra>80	5700K/6500K Ra>80	5700K/6500K Ra>80
LED QTY	72LEDs	72LEDs 18R+18G+18B+18W	40LEDs RGBW 4IN1

Performance

Lumen Output	12800lumen	11600lumen	
Efficacy	80lumen /W	58lumen /W	58lumen /W
Beam Angle			

Electrical

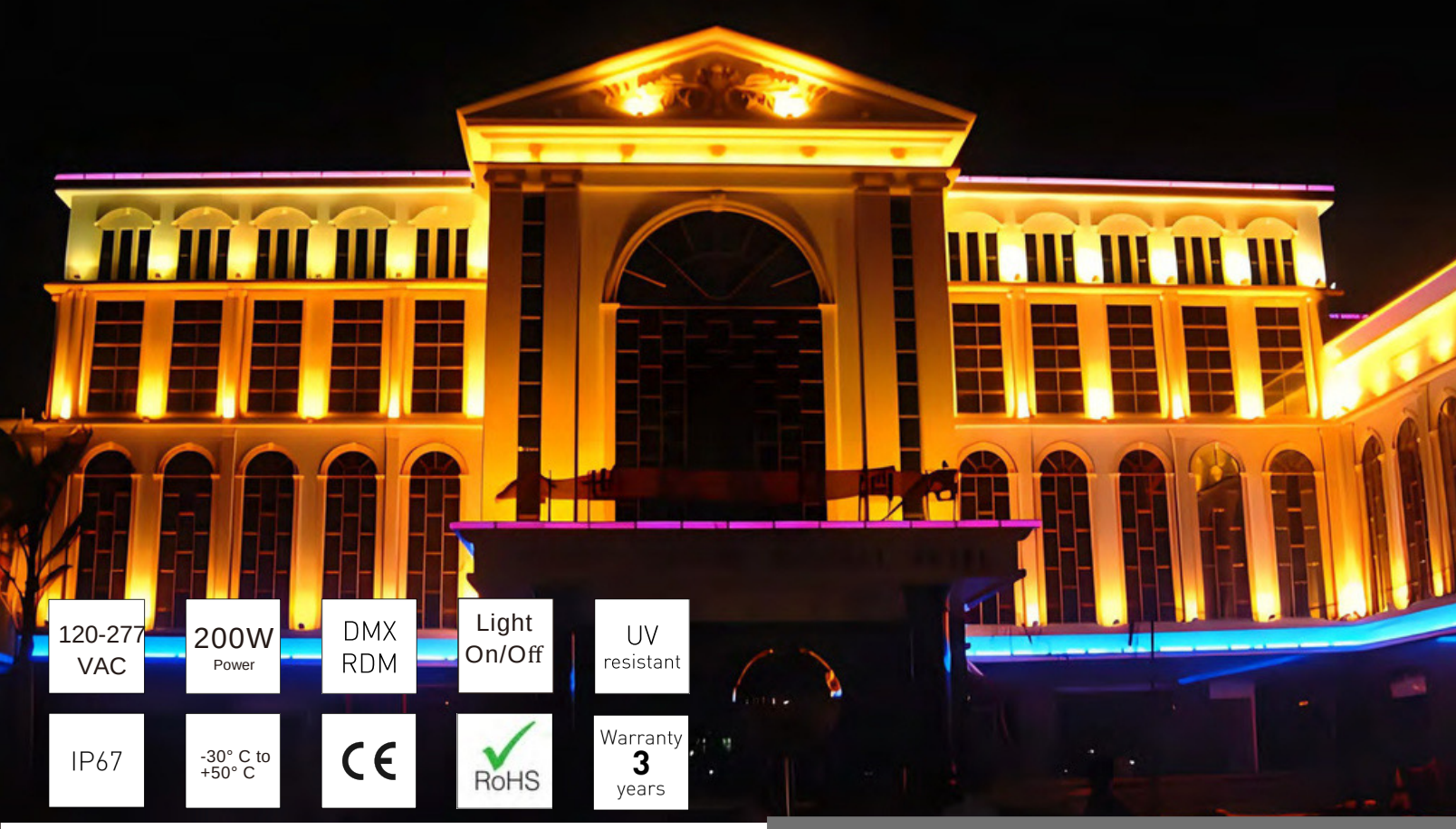
Input Voltage	120-277VAC	120-277VAC	120-277VAC
Power Consumption	160W	200W	200W

Control

Protocols	Light On/Off or DMX-RDM	DMX/RDM	DMX/RDM
Addressing	Manual Addressing with Colordreamer Addressing Tool		
Pixels	1Pixel	1Pixel	1Pixel

Physical

Housing	Die cast aluminum
Cover lens	Tempered glass
Housing Finish	Deep Gray or Black
Dimensions (L X W X H)	490X173X308mm
Cable Entry	Bottom entry
Mounting	Surface Mounting
Accessory	Glare shield



120-277
VAC

200W
Power

DMX
RDM

Light
On/Off

UV
resistant

IP67

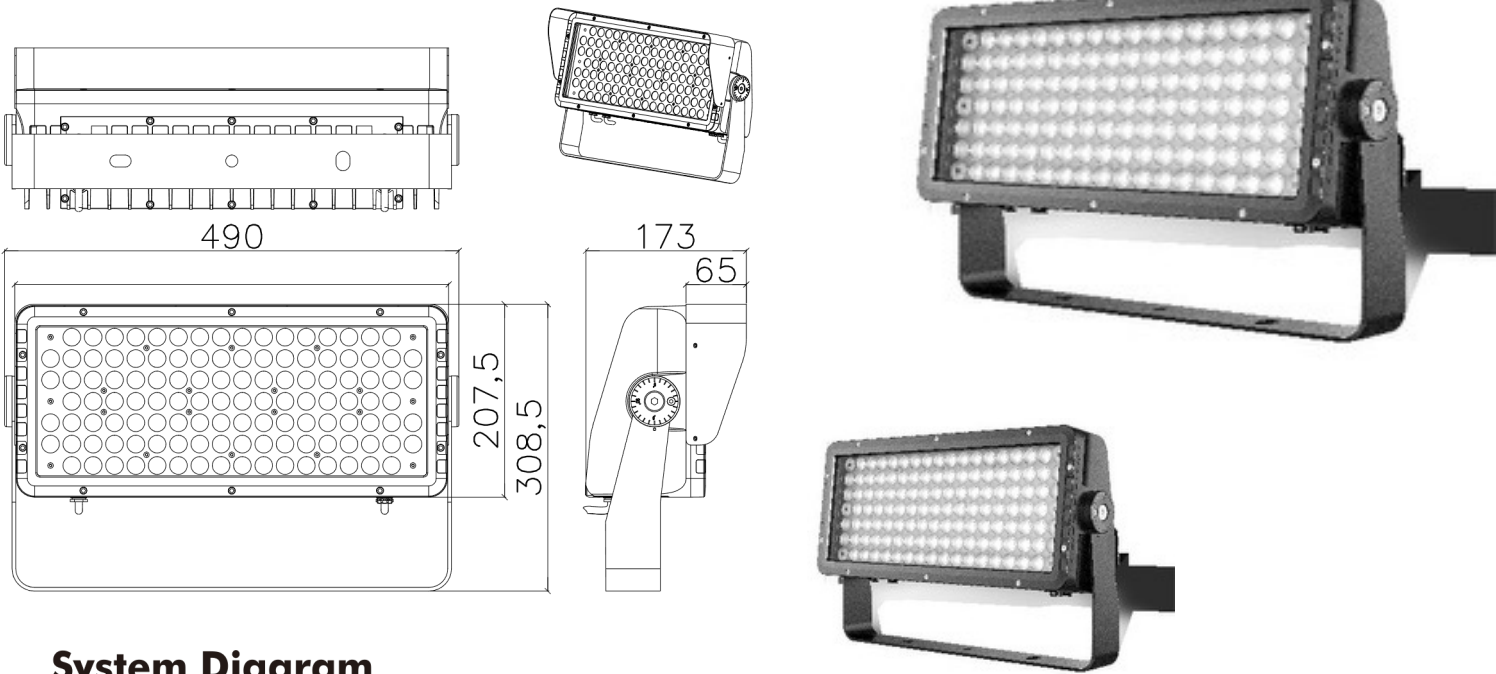
-30° C to
+50° C

CE

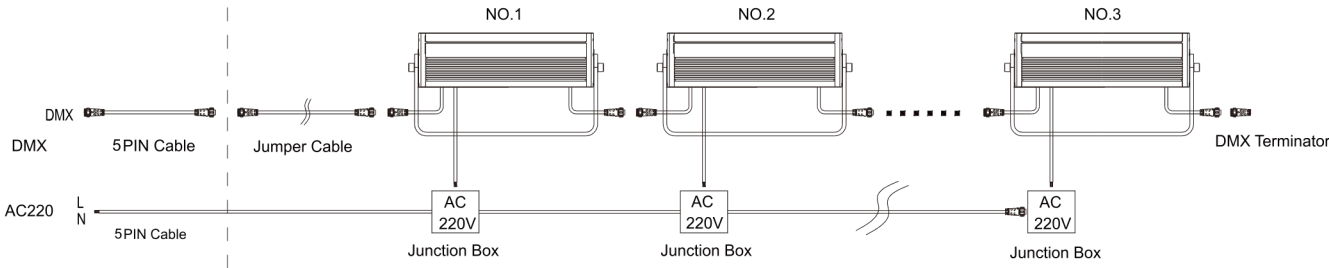
RoHS

Warranty
3
years

Dimension



System Diagram






LED Flood Light – F490D

Static White/RGBW

This LED Flood Light is designed for architectural Facade, bridge and so on.It can deliver high efficiency light output and uniform beam with professional lens.We used Top Brand Silicone for better heat conduction, strong temperature withstands and perfect waterproof performance.

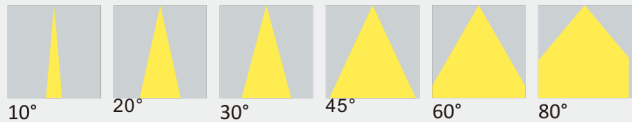
Product Specification

Models	F4907201D	F4907204D	F4904004D
LED			
Color			
Light Source	High Power LED	High Power LED	High Power LED
Color	3000K 4000K 5700K 6500K	R:620-630nm G:520-535nm B:450-465nm W:3000K/4000K/ 5700K/6500K Ra>80	R:620-630nm G:520-535nm B:450-465nm W:3000K/4000K/ 5700K/6500K Ra>80
CRI for White LED	Ra>80		
LED QTY	2 X 72LEDs	2 X 72LEDs 36R+36G+36B+36W	2 X 40LEDs RGBW 4IN1

Performance

Lumen Output	2 X 12800lumen	2 X 11600lumen	
Efficacy	80lumen /W	58lumen /W	58lumen /W

Beam Angle



Electrical

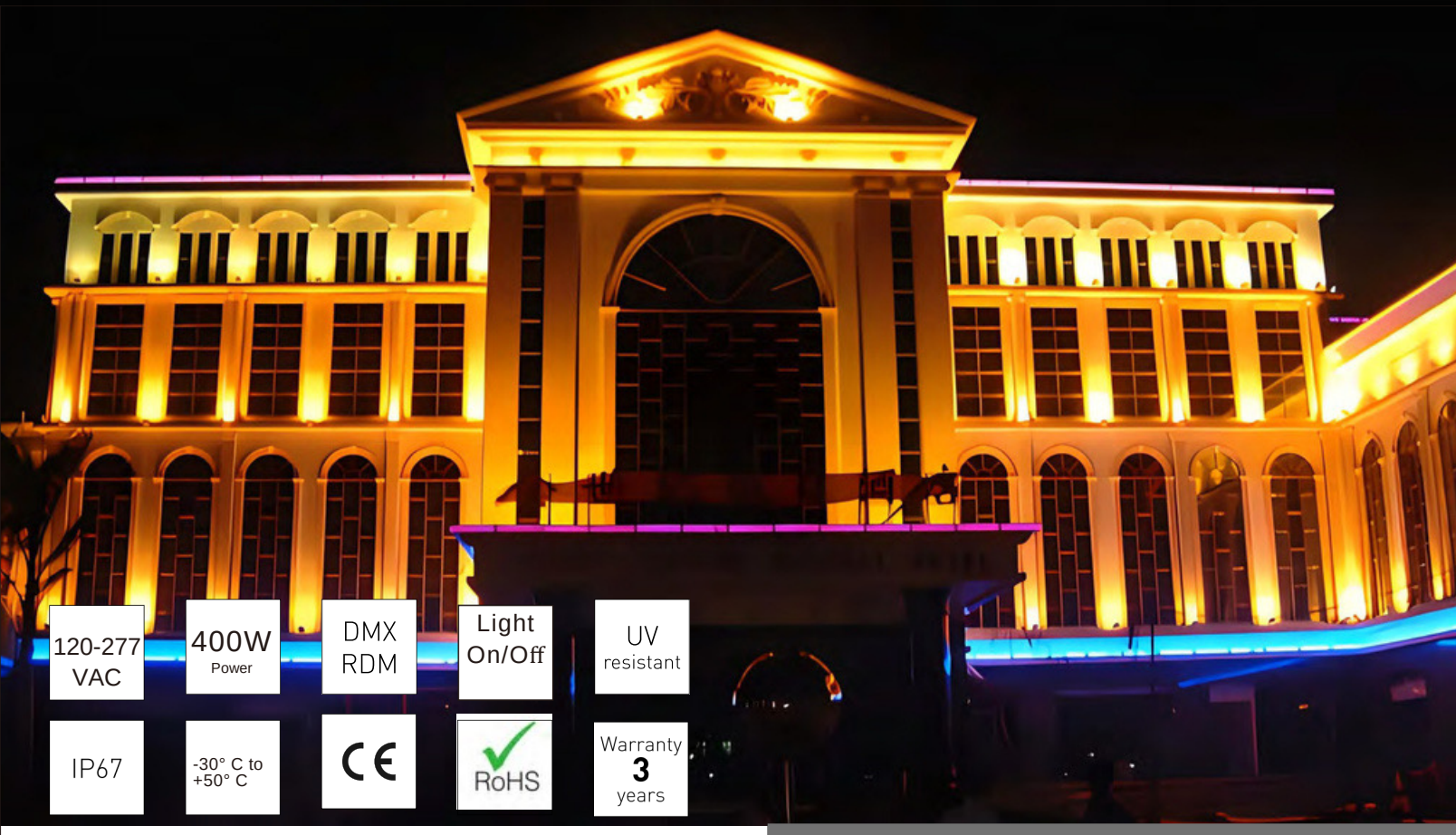
Input Voltage	120-277VAC	120-277VAC	120-277VAC
Power Consumption	320W	400W	400W

Control

Protocols	Light On/Off or DMX-RDM	DMX/RDM	DMX/RDM
Addressing	Manual Addressing with Colordreamer Addressing Tool		
Pixels	1Pixel	1Pixel	1Pixel

Physical

Housing	Die cast aluminum
Cover lens	Tempered glass
Housing Finish	Deep Gray or Black
Dimensions (L X W X H)	554X173X501mm
Cable Entry	Bottom entry
Mounting	Surface Mounting
Accessory	Glare shield



120-277
VAC

400W
Power

DMX
RDM

Light
On/Off

UV
resistant

IP67

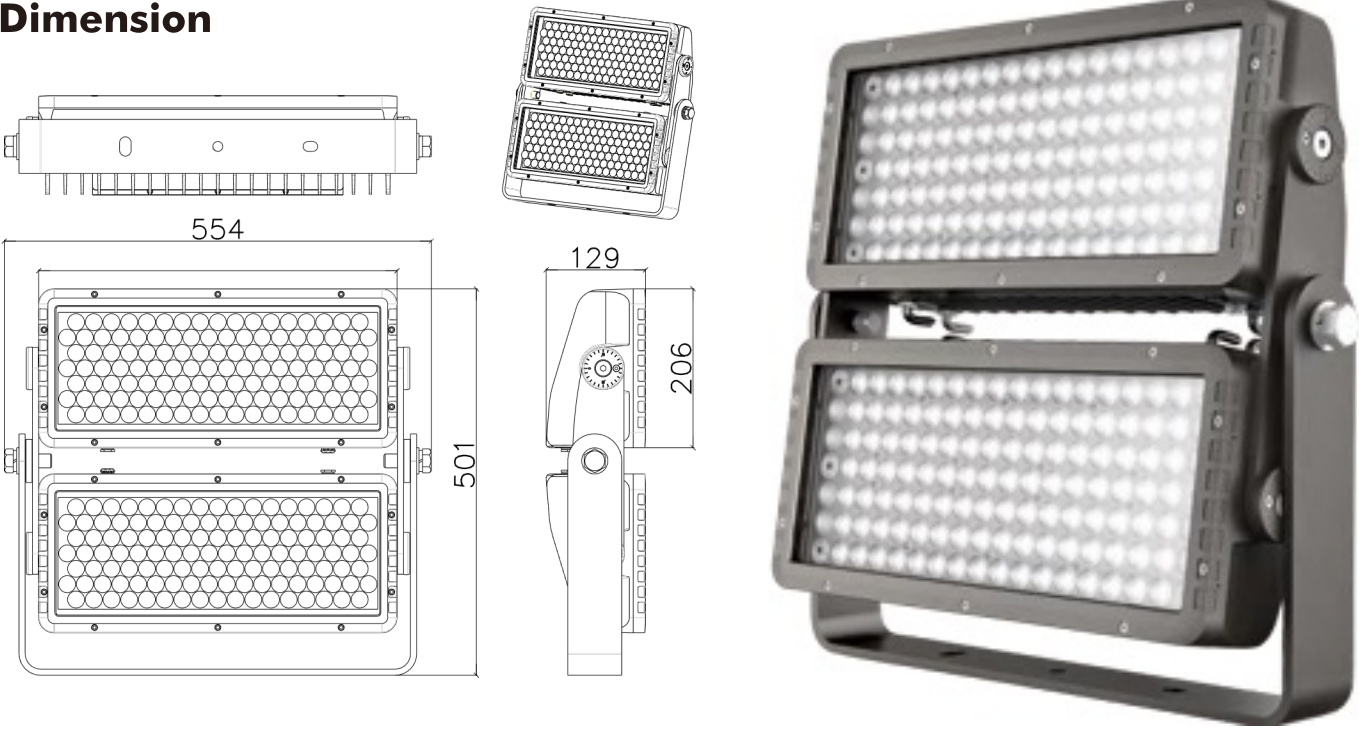
-30° C to
+50° C

CE

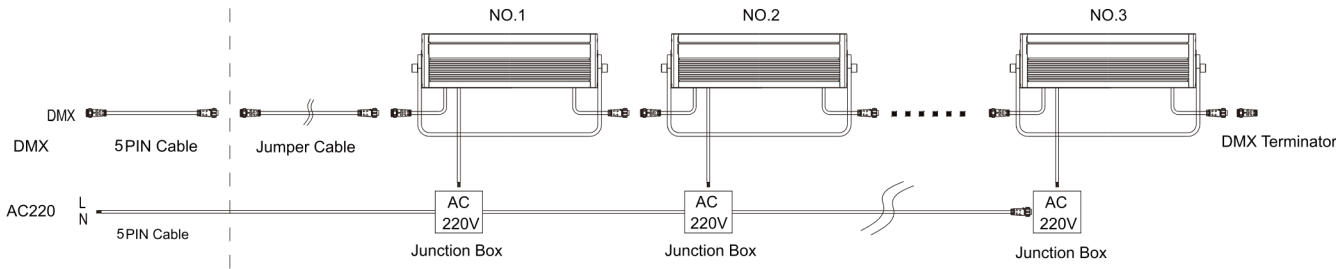
RoHS

Warranty
3
years

Dimension



System Diagram







DMX Media Tube – Glowline 18

Static White/Tunable White/RGB/RGBW

The Colordreamer DMX Media Bar is a 18mm wide exterior DMX Direct-view Linear with Clear, black, Opal PC and Opal Acrylic Diffuser. Fitted Mounting Brackets or customized brackets are available. User can choose auto addressing for fast installation or RDM addressing for Monitoring.

Product Specification

Models LED	LX181006001	LX181006002	LX181006003	LX181006004
Color				
Light Source	SMD 3535 LED	SMD 3535 LED	SMD 3535 LED	SMD 3535 LED
Color	W:3000K W:4000K W:5700K	W:3000K W:5700K	R:619-624nm G:520-540nm B:460-480nm	R:619-624nm G:520-540nm B:460-480nm W:3000K/4000K/5700K
CRI for White LED	Ra>80	Ra>80	-	Ra>80
LED QTY	60LEDs	120LEDs	60LEDs	60 RGB LEDs+60 White LEDs

Performance

Lumen Output	Update soon	Update soon	Update soon	844lumen/Clear @CREE RGBW(W3000K) 415lumen Acrylic Top @CREE RGBW(W3000K)
Efficacy	Update soon	Update soon	Update soon	844lumen/Clear @CREE RGBW(W3000K) 415lumen Acrylic Top @CREE RGBW(W3000K)
Beam Angle	110° Clear Cover / 165° Black Cover/Opal Cover/Acrylic Cover			

Electrical

Input Voltage	24VDC	24VDC	24VDC	24VDC
Power Consumption	10W/Meter	10W/Meter	10W/Meter	10W/Meter

Control

Protocols	DMX512 Control	DMX512 Control	DMX512 Control	DMX512 Control
PWM Frequency	1KHz@16-Bit Grayscale 256KHz@8-Bit Grayscale			
Addressing	Manual addressing per daisy-chain or RDM addressing			
Pixels	20Pixels/m 10Pixels/m 1Pixel/m	10Pixels/m 1Pixel/m	20Pixels/m 10Pixels/m 1Pixel/m	20Pixels/m 10Pixels/m 1Pixel/m

Physical

Material	Aluminum 6063 with UV Protected Cover
Finish Color	Powder coating, Black/Grey Silver or Custom RAL Color
Cover	Clear/PC Black/PC Opal/Acrylic
Dimensions (L X W X H)	1000mm*28.5mm*50mm(for Clear Cover) 1000mm*28.5mm*64mm(for PMMA Dome) 1000mm*28.5mm*64mm(for PC Dome)
Length	500mm/1000mm/305mm/1200mm



24V
DC

48V
DC

10W
Power


DMX
RDM

UV
resistant

IP67

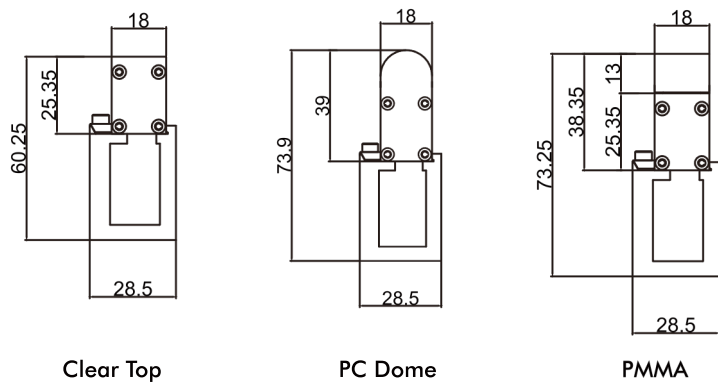
-30° C to
+50° C

CE

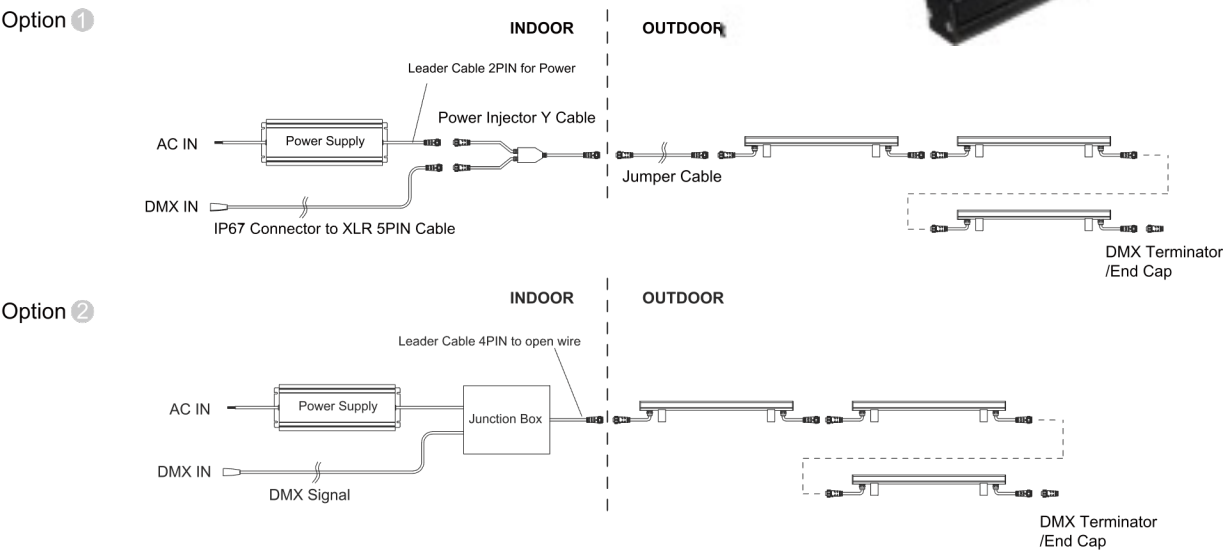


Warranty
3
years

Dimension



System Diagram







DMX Pixel Dot – Glowline 28

Static White/Tunable White/RGB/RGBW

The Colordreamer DMX Media Bar is a 28mm wide exterior DMX Direct-view Linear with Clear, black, Opal PC and Opal Acrylic Diffuser. Fixtured Mounting Brackets or customized brackets are available. User can choose auto addressing for fast installation or RDM addressing for Monitoring.

Product Specification

Models LED	LX281006001	LX281006002	LX281006003	LX281006004
Color				
Light Source	SMD 3535 LED	SMD 3535 LED	SMD 3535 LED	SMD 3535 LED
Color	W:3000K W:4000K W:5700K	W:3000K W:5700K	R:619-624nm G:520-540nm B:460-480nm	R:619-624nm G:520-540nm B:460-480nm W:3000K/4000K/5700K
CRI for White LED	Ra>80	Ra>80	-	Ra>80
LED QTY	60LEDs	120LEDs	60LEDs	60 RGB LEDs+60 White LEDs

Performance

Lumen Output	Update soon	Update soon	Update soon	844lumen/Clear @CREE RGBW(W3000K) 415lumen Acrylic Top @CREE RGBW(W3000K)
Efficacy	Update soon	Update soon	Update soon	844lumen/Clear @CREE RGBW(W3000K) 415lumen Acrylic Top @CREE RGBW(W3000K)
Beam Angle	110° Clear Cover / 165° Black Cover/Opal Cover/Acrylic Cover			

Electrical

Input Voltage	24VDC	24VDC	24VDC	24VDC
Power Consumption	10W/Meter	10W/Meter	10W/Meter	10W/Meter

Control

Protocols	DMX512 Control	DMX512 Control	DMX512 Control	DMX512 Control
PWM Frequency	1KHz@16-Bit Grayscale 256KHz@8-Bit Grayscale			
Addressing	Manual addressing per daisy-chain or RDM addressing			
Pixels	20Pixels/m 10Pixels/m 1Pixel/m	10Pixels/m 1Pixel/m	20Pixels/m 10Pixels/m 1Pixel/m	20Pixels/m 10Pixels/m 1Pixel/m

Physical

Material	Aluminum 6063 with UV Protected Cover
Finish Color	Powder coating, Black/Grey Silver or Custom RAL Color
Cover	Clear/PC Black/PC Opal/Acrylic
Dimensions (L X W X H)	1000mm*39mm*61.7mm(for Clear Cover) 1000mm*39mm*75mm(for PMMA Dome) 1000mm*39mm*81mm(for PC Dome)
Length	500mm/1000mm/305mm/1200mm



24V
DC

48V
DC

10W
Power


DMX
RDM

UV
resistant

IP67

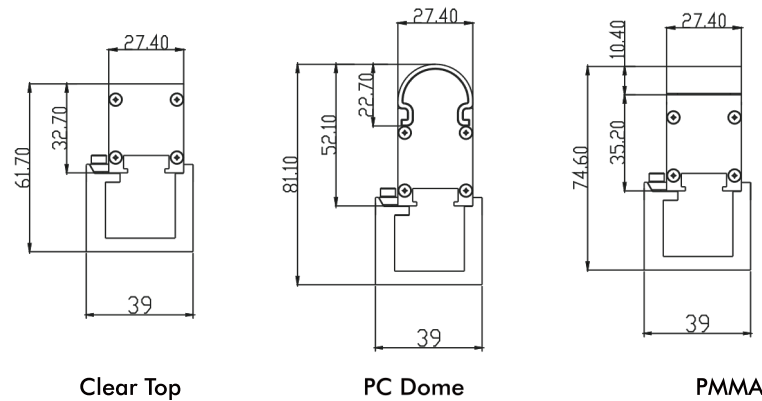
-30° C to
+50° C

CE

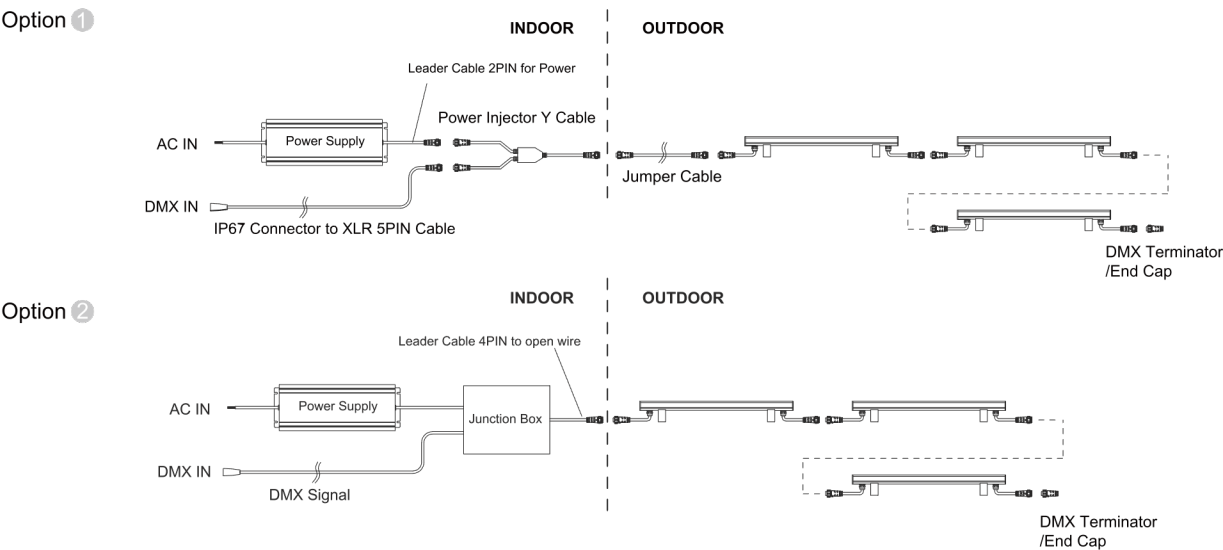


Warranty
3
years

Dimension



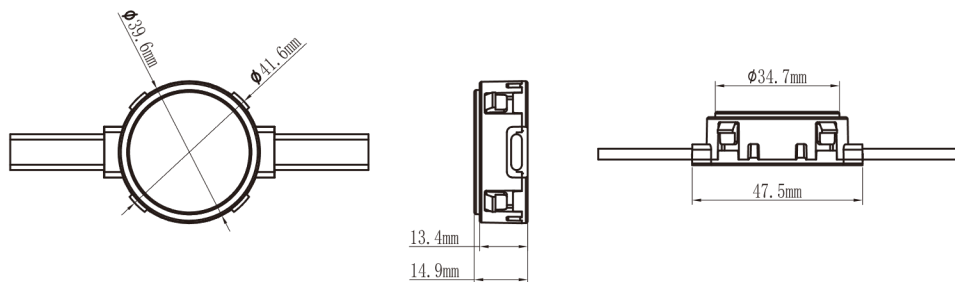
System Diagram



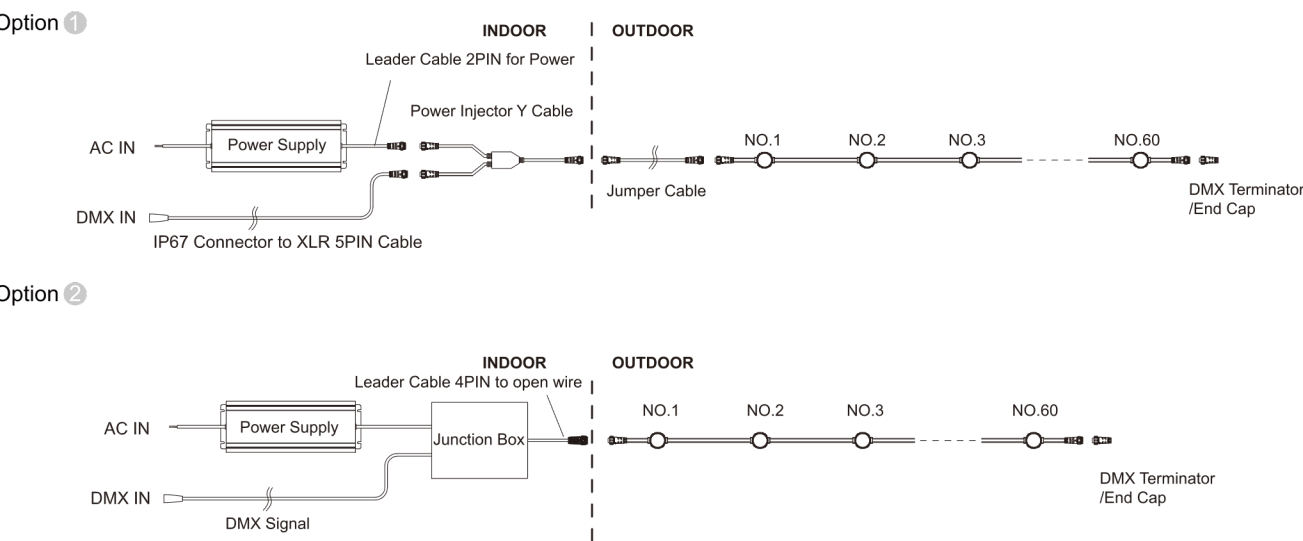


24V DC	1.8W Power	DMX	UV resistant	IP67	-30° C to +50° C	CE	RoHS	Warranty 3 years
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Dimension



System Diagram



DMX Pixel Dot – DC40

Static White/RGB/RGBW

The Colordreamer DC40 LED Pixel Dot is an exterior mini size Direct-view dot with high output brightness. Clear or diffused lens available for different application. Custom pixel pitch from 100mm to 1000mm.

Product Specification

Models	DC400603	DC400604
LED		
Color	RGB	RGBW
Light Source	Epistar or Cree LED	Epistar or Cree LED
Color	R:619-624nm G:520-540nm B:460-480nm	R:619-624nm G:520-540nm B:460-480nm W:3000K/4000K/5700K
CRI for White LED	-	Ra>80
LED QTY	6LEDs	6 RGB LEDs+2 White LEDs

Performance

Lumen Output	Update soon	50lumen/Transparent Flat Lens CREE RGBW(W3000K) 37lumen/Diffused Bulb Lens CREE RGBW(W3000K)
Efficacy	Update soon	38lumen/W Transparent Flat Lens CREE RGBW(W3000K) 27lumen/W Diffused Bulb Lens CREE RGBW(W3000K)
Beam Angle	110°Transparent Flat Lens	

Electrical

Input Voltage	24VDC	24VDC
Power Consumption	1.4W	1.8W

Control

Protocols	DMX512 Control	DMX512	DMX512
PWM Frequency	2KHz@16-Bit Grayscale	Control	Control

Addressing Manual Addressing with Colordreamer Addressing Tool CD-MT512

Physical

Material	Polycarbonate Body with UV Protected Lens
Finish Color	Transparent
Optics	Transparent Flat Lens
Dimensions (L X W X H)	47.5X40X15mm
Cable Entry	Side Entry
Max.length	10Meter per string



24V
DC

2.5W
Power

DMX

UV
resistant

IP67

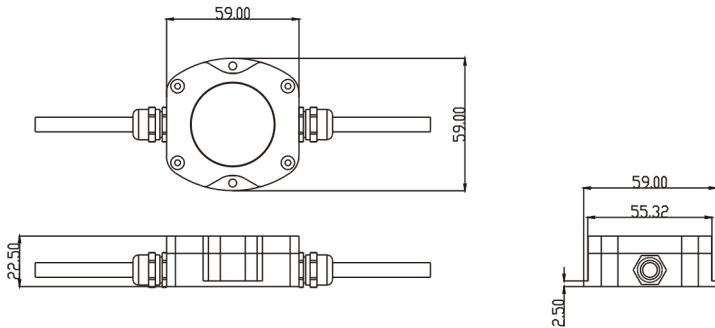
-30° C to
+50° C

CE

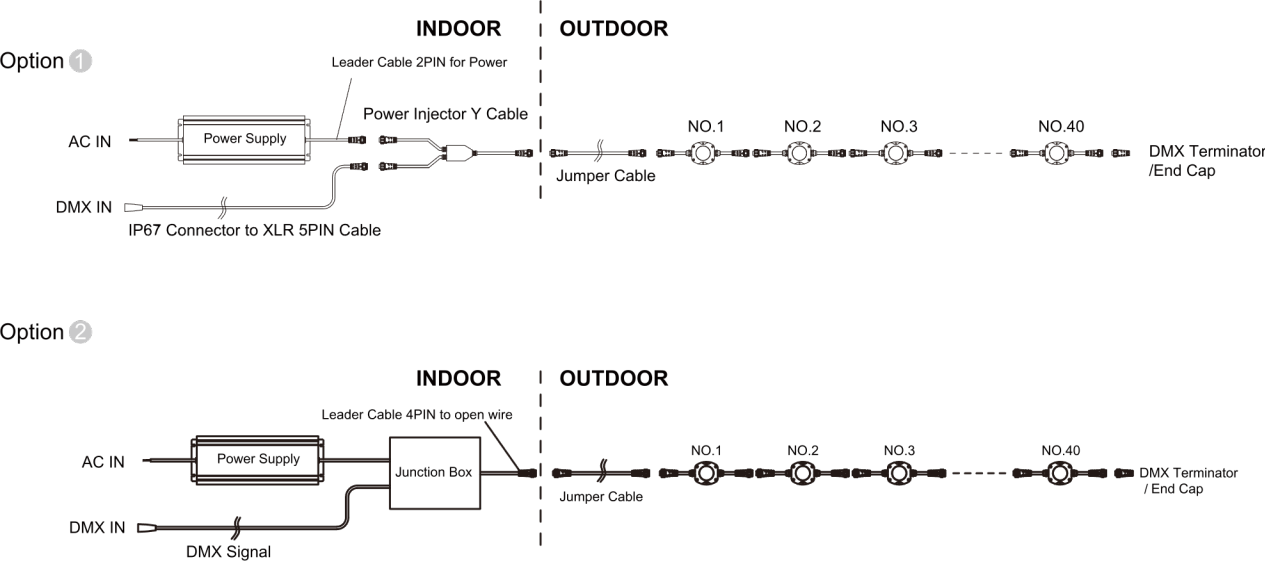
RoHS

Warranty
3
years

Dimension



System Diagram



DMX Pixel Dot – DX60

Static White/RGB/RGBW

The Colordreamer DX60 LED Pixel Dot is an exterior mini size Direct-view dot with high output brightness. Clear or diffused lens available for different application. Custom pixel pitch from 100mm to 1000mm.

Product Specification

Models LED	Dx601201	DX601203	DX601204
Color			
Light Source	Epistar or Cree LED	Epistar or Cree LED	Epistar or Cree LED
Color	W:3000K W:4000K W:5700K	R:619-624nm G:520-540nm B:460-480nm	R:619-624nm G:520-540nm B:460-480nm W:3000K/4000K/5700K
CRI for White LED	Ra>80	-	Ra>80
LED QTY	12LEDs	12LEDs	6 RGB LEDs+6 White LEDs

Performance

Lumen Output	Update soon	Update soon	93lumen/Transparent Flat Lens RGBW(W3000K) 48lumen/Diffused Dome Lens RGBW(W3000K)
Efficacy	Update soon	Update soon	38lumen/W Transparent Flat Lens / RGBW(W3000K) 18lumen/W Diffused Dome Lens / RGBW(W3000K)

Beam Angle	100°Transparent Flat Lens/110° Diffused Dome Lens
------------	---

Electrical

Input Voltage	24VDC	24VDC	24VDC
Power Consumption	2.5W	2.5W	2.5W

Control

Protocols	DMX512 Control	DMX512 Control	DMX512 Control
PWM Frequency	2KHz@16-Bit Grayscale		

Addressing	Manual addressing per daisy-chain
------------	-----------------------------------

Physical

Material	Aluminum 6063 Body with UV Protected Cover
Finish Color	Black or Custom RAL Color
Optics	Transparent Flat Lens/ Diffused Dome Lens
Dimensions (L X W X H)	59X59X22.5mm (Transparent Flat Lens) 59X59X22.5mmmm (Diffused Dome Lens)
Cable Entry	Side Entry/Bottom Entry
Mounting	Surface Mounting with Screw



24V
DC

4W
Power


DMX
RDM

UV
resistant

IP67

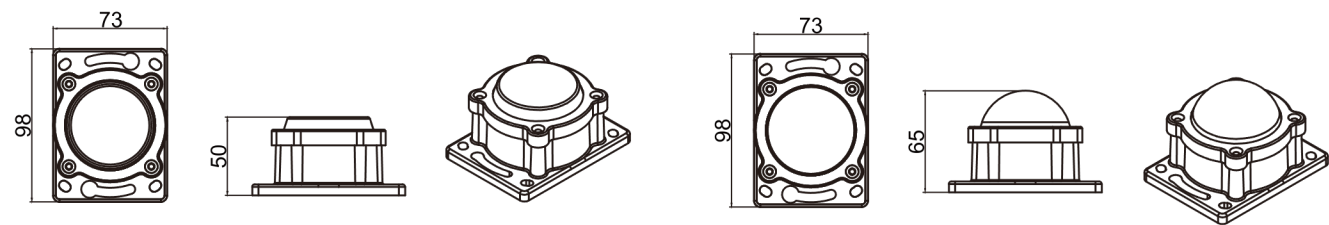
-30° C to
+50° C

CE

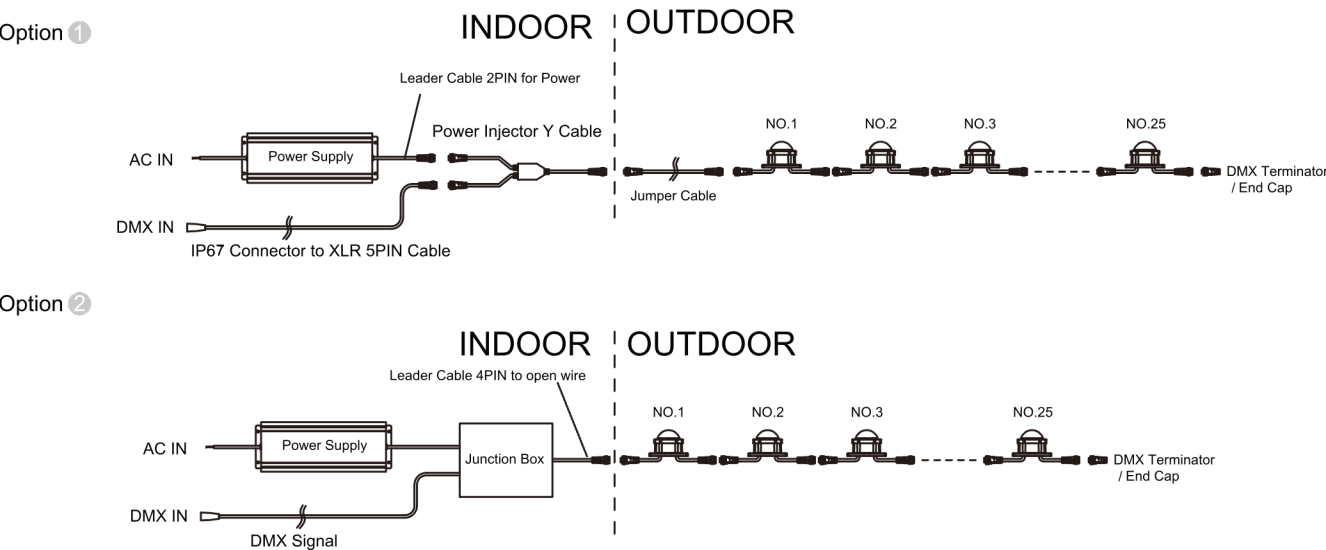
US
Intertek

Warranty
3
years

Dimension



System Diagram



DMX Pixel Dot – DX88

Static White/RGB/RGBW

The Colordreamer DX88 LED Pixel Dot is an exterior middle size Direct view dot with high output brightness. High quality LEDs achieve good reliably for outdoor application.

Custom pixel pitch from 100mm to 1000mm.

Product Specification

Models	DX881801	DX881803	DX881804
LED			
Color			
Light Source	Epistar	Epistar	Epistar
Color	W:3000K W:4000K W:5700K	R:619-624nm G:520-540nm B:460-480nm	R:619-624nm G:520-540nm B:460-480nm W:3000K/4000K/5700K
CRI for White LED	Ra>80	-	Ra>80
LED QTY	18LEDs	18LEDs	9 RGB LEDs+9 White LEDs

Performance

Lumen Output	Update soon	Update soon	184lumen/Transparent Flat Lens RGBW(W3000K) 88lumen/Diffused Dome Lens RGBW(W3000K)
Efficacy	Update soon	Update soon	46lumen/W Transparent Flat Lens / RGBW(W3000K) 22lumen/W Diffused Dome Lens / RGBW(W3000K)

Beam Angle	100°Transparent Flat Lens/140° Diffused Dome Lens		
------------	---	--	--

Electrical

Input Voltage	24VDC	24VDC	24VDC
Power Consumption	4W	4W	4W

Control

Protocols	DMX512 Control	DMX512 Control	DMX512 Control
PWM Frequency	1KHz@16-Bit Grayscale 256KHz@8-Bit Grayscale		

Addressing	Manual addressing per daisy-chain or RDM addressing		
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Physical





Material	Aluminum 6063 Body with UV Protected Cover
Finish Color	Powder coating, Black/Grey Silver or Custom RAL Color
Optics	Transparent Flat Lens/ Diffused Dome Lens
Dimensions (L X W X H)	98X73X50mm (Transparent Flat Lens) 98X73X65mm (Diffused Dome Lens)
Cable Entry	Side Entry/Bottom Entry
Mounting	Surface Mounted

Direct DMX Pixel Strip – DS126004

Static White/Tunable White/RGB/RGBW

The Colordreamer DMX Flex Strip are flexible strips which can be controlled directly using DMX512.The strip provides flexibility to fit on any curved surface. We have used superior thickened 3OZ copper tracks to reduce the effects of voltage drop.

Product Specification

Models LED	DS126001	DS126002	DS126003	DS126004
Color				
Light Source	SMD 5050	SMD 5050	SMD 5050	SMD 5050
Color	W:2700K W:3000K W:4000K W:6500K	W:3000K W:5700K	RGB	RGBW W:2700K W:3000K W:4000K W:6500K
CRI for White LED	Ra>80	Ra>80	-	Ra>80
LED QTY	60LEDs per meter			
LED Spacing	16.6mm			

Performance

Lumen Output	530lm	830lm	480lm	750lm
Efficacy	44lm/W	46lm/W	-	-
Beam Angle	120°			

Electrical

Input Voltage	24VDC	24VDC	24VDC	24VDC
Power Consumption	12W/Meter	12W/Meter	12W/Meter	16W/Meter

Control

Protocols	DMX512
Addressing	Manual Addressing with Colordreamer Addressing Tool CD-MT512
Pixels	10pixels/m
LEDs per Pixel	6
Pixel Pitch	100mm
Cutting Pitch	100mm

Physical

Material	Copper 3OZ
Housing Color	Black or White
Dimensions W X H)	12mmX2mm
Length	5000mm
Mounting	3M VHB Tape for IP20 Silicone Clips for Ip67



24V
DC

16W
Power


DMX

UV
resistant

IP20

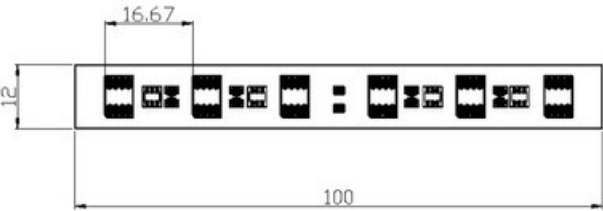
-30° C to
+50° C

CE

RoHS

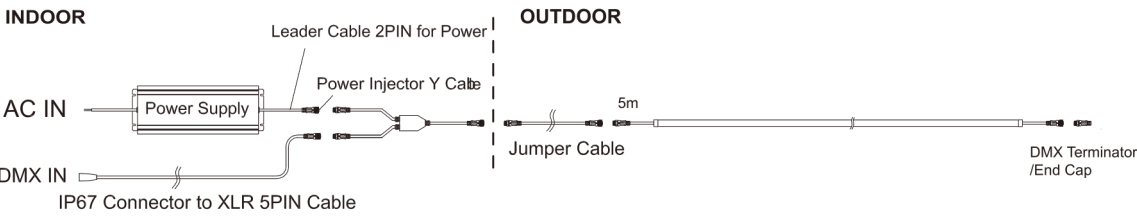
Warranty
3
years

Dimension

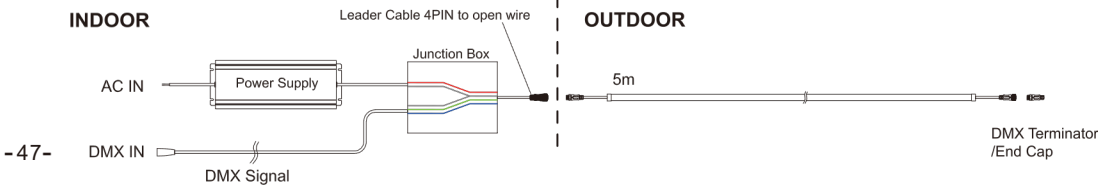


System Diagram

Option ①



Option ②







Direct DMX Pixel Strip – DS124804

Static White/Tunable White/RGB/RGBW

The Colordreamer DMX Flex Strip are flexible strips which can be controlled directly using DMX512.The strip provides flexibility to fit on any curved surface. We have used superior thickened 3OZ copper tracks to reduce the effects of voltage drop.

Product Specification

Models LED	DS124801	DS124802	DS124803	DS124804
Color				
Light Source	SMD 5050	SMD 5050	SMD 5050	SMD 5050
Color	W:2700K W:3000K W:4000K W:6500K	W:3000K W:6500K	RGB	RGBW W:2700K W:3000K W:4000K W:6500K
CRI for White LED	Ra>80	Ra>80	-	Ra>80
LED QTY	48LEDs per meter			
LED Spacing	20.83mm			

Performance

Lumen Output	530lm	830lm	480lm	750lm
Efficacy	44lm/W	46lm/W	-	-
Beam Angle	120°			

Electrical

Input Voltage	12VDC	12VDC	12VDC	12VDC
Power Consumption	10W/Meter	10W/Meter	10W/Meter	12W/Meter

Control

Protocols	DMX512
Addressing	Manual Addressing with Colordreamer Addressing Tool CD-MT512
Pixels	16pixels/m
LEDs per Pixel	3
Pixel Pitch	62.5mm
Cutting Pitch	62.5mm

Physical

Material	Copper 3OZ
Housing Color	Black or White
Dimensions (W X H)	12mmX2mm
Length	5000mm
Mounting	3M VHB Tape for IP20 Silicone Clips for Ip67



12V
DC

12W
Power

DMX

UV
resistant

IP20

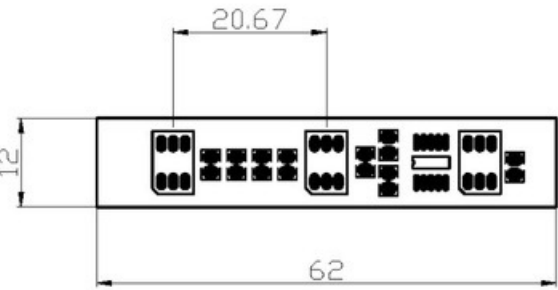
-30° C to
+50° C

CE

RoHS

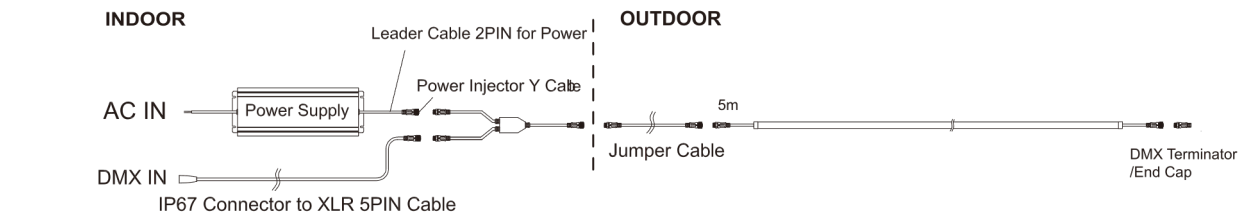
Warranty
3
years

Dimension

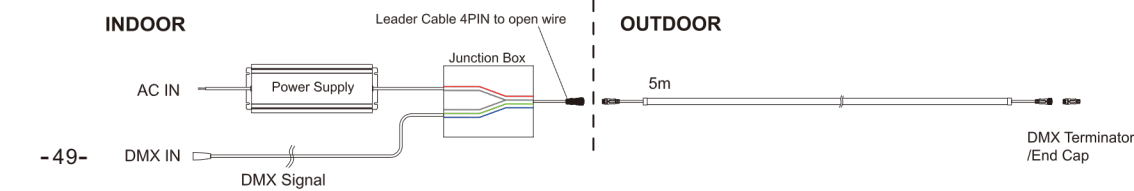


System Diagram

Option ①



Option ②




SK6812 Pixel Strip – SK106003

RGB

The Colordreamer SPI Flex Strip are flexible strips which can be controlled directly using SK6812.The strip provides flexibility to fit on any curved surface. We have used superior thickened 3OZ copper tracks to reduce the effects of voltage drop.

Product Specification

Models LED	SK106003
Color	
Light Source	SMD 5050
Color	RGB
CRI for White LED	-
LED QTY	60LEDs per meter
LED Spacing	16.6mm
Performance	
Lumen Output	450lm
Efficacy	N/A
Beam Angle	120°
Electrical	
Input Voltage	12VDC
Power Consumption	7.2W/Meter
Control	
Protocols	SK6812
Addressing	N/A
Pixels	60pixels/m
Pixel Pitch	16.6mm
Cutting Pitch	16.6mm

Physical	
Material	Copper 3OZ
Housing Color	Black or White
Dimensions (W X H)	10mmX2mm
Length	5000mm
Mounting	3M VHB Tape for IP20 Silicone Clips for Ip67



12V
DC

7.2W
Power


SPI

UV
resistant

IP20

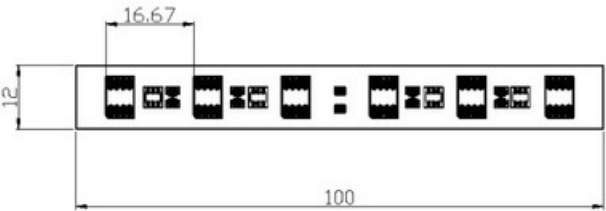
-30° C to
+50° C

CE

RoHS

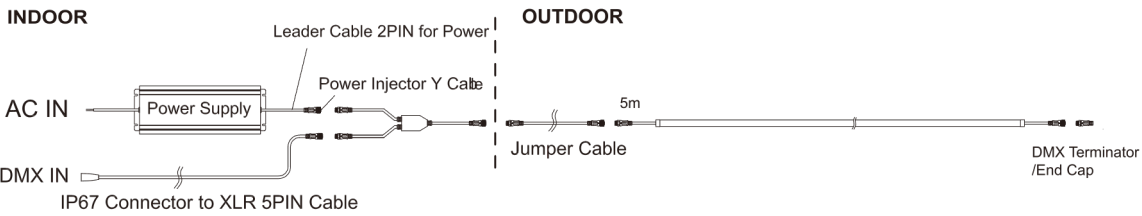
Warranty
3
years

Dimension

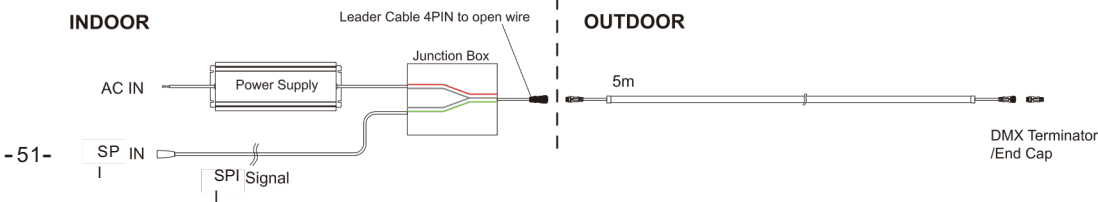


System Diagram

Option ①



Option ②



LED Strip 2835 – CC1012001

Static White

The Colordreamer SPI Flex Strip are flexible strips which can be controlled directly using Sk6812. The strip provides flexibility to fit on any curved surface. We have used superior thickened 3OZ copper tracks to reduce the effects of voltage drop.

Product Specification

Models LED	CC1012001
Color	<div>Static White</div>
Light Source	SMD 2835
Color	W:2200K W:2700K W:3000K W:4000K W:6500K
CRI for White LED	CRI>90
LED QTY	120LEDs per meter
LED Spacing	8.33mm
Performance	
Lumen Output	1200lm
Efficacy	100lm per watt
Beam Angle	120°
Electrical	
Input Voltage	24VDC
Power Consumption	12W/Meter
Control	
Protocols	Contant Current Drive
Addressing	N/A
Pixels	60Pixels/M
Cutting Pitch	50mm
Physical	
Material	Copper 3OZ
Housing Color	White
Dimensions (W X H)	10mmX2mm
Length	5000mm
Mounting	3M VHB Tape for IP20 Silicone Clips for Ip67



24V
DC

12W
Power

Light
On/Off

UV
resistant

IP20

-30° C to
+50° C

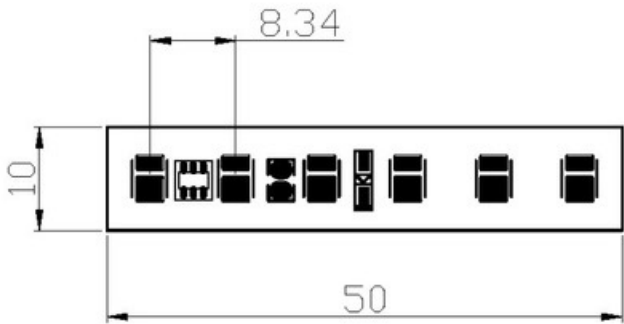
CE

RoHS

Warranty
3
years



Dimension





24V
DC

16W
Power


SPI

UV
resistant

IP20

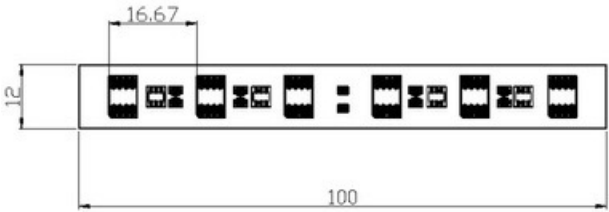
-30° C to
+50° C

CE


RoHS

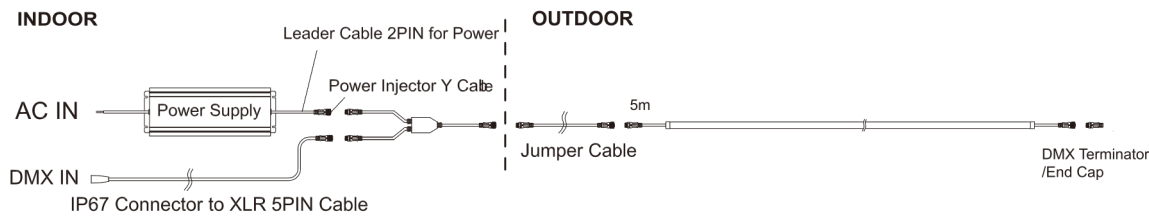
Warranty
3
years

Dimension

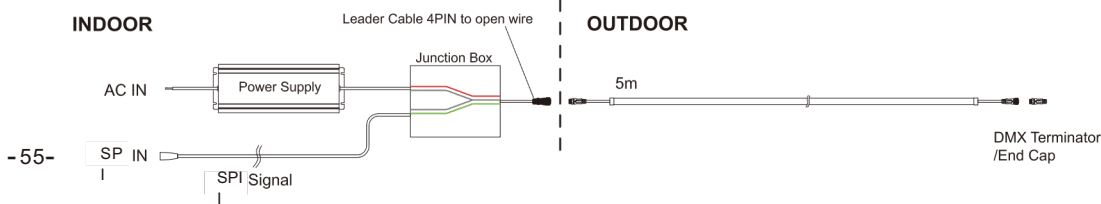


System Diagram

Option ①



Option ②



UCS2904 Pixel Strip -US126004
RGBW

The Colordreamer SPI Flex Strip are flexible strips which can be controlled directly using UCS2904.The strip provides flexibility to fit on any curved surface. We have used superior thickened 3OZ copper tracks to reduce the effects of voltage drop.

Product Specification

Models LED	US126004
Color	
Light Source	SMD 5050
Color	RGBW (W:2700K W:3000K W:4000K W:6500K)
CRI for White LED	CRI>80
LED QTY	60LEDs per meter
LED Spacing	16.6mm
Performance	
Lumen Output	750lm
Efficacy	47lm per watt
Beam Angle	120°
Electrical	
Input Voltage	24VDC
Power Consumption	16W/Meter
Control	
Protocols	UCS2904
Addressing	N/A
Pixels	20pixels/m
Pixel Pitch	50mm
Physical	
Material	Copper 3OZ
Housing Color	Black or White
Dimensions (W X H)	12mmX2mm
Length	5000mm
Mounting	3M VHB Tape for IP20 Silicone Clips for Ip67



24V
DC

16W
Power

PWM
Dimmable

UV
resistant

IP20

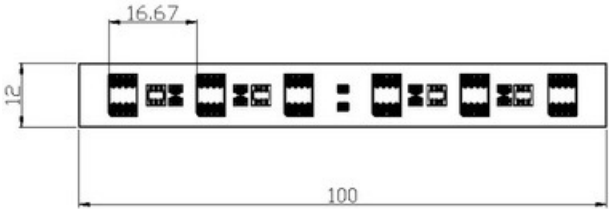
-30° C to
+50° C

CE

RoHS

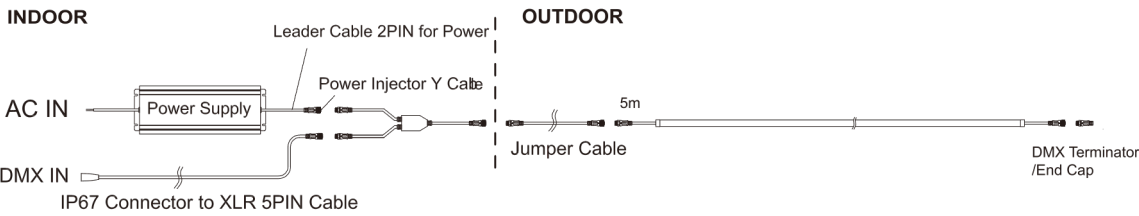
Warranty
3
years

Dimension

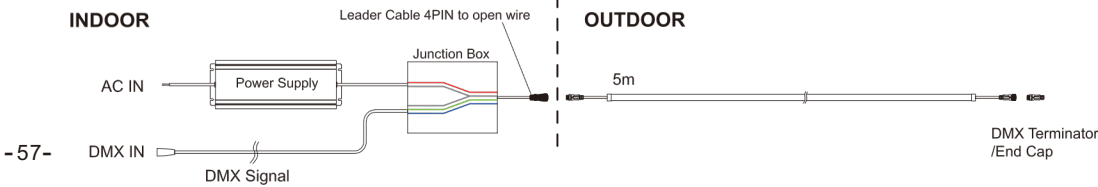


System Diagram

Option ①




Option ②



LED Strip 5050 – CC126004
RGBW

The Colordreamer PWM Flex Strip are flexible strips which can be controlled directly using any 3rd Party PWM dimmer.The strip provides flexibility to fit on any curved surface. We have used superior thickened 3OZ copper tracks to reduce the effects of voltage drop.

Product Specification





Models LED	CC126004
Color	
Light Source	SMD 5050
Color	RGBW (W:2700K W:3000K W:4000K W:6500K)
CRI for White LED	CRI>80
LED QTY	60LEDs per meter
LED Spacing	16.6mm
Performance	
Lumen Output	750lm
Efficacy	47lm per watt
Beam Angle	120°
Electrical	
Input Voltage	24VDC
Power Consumption	16W/Meter
Control	
Protocols	Contant Current Drive
Addressing	N/A
Pixels	60Pixels/M
Cutting Pitch	100mm
Physical	
Material	Copper 3OZ
Housing Color	White
Dimensions (W X H)	12mmX2mm
Length	5000mm
Mounting	3M VHB Tape for IP20 Silicone Clips for Ip67

DMX Pixel Neon – DN126004

Static White/Tunable White/RGB/RGBW

The Colordreamer DMX Flex Neon are flexible strips which can be controlled directly using DMX512. The strip provides flexibility to fit on any curved surface. We have used superior thickened 3OZ copper tracks to reduce the effects of voltage drop.

Product Specification

Models LED	DN126001	DN126002	DN126003	DN126004
Color				
Light Source	SMD 5050	SMD 5050	SMD 5050	SMD 5050
Color	W:2700K W:3000K W:4000K W:6500K	W:2700K to W:6500K	RGB	RGBW W:2700K W:3000K W:4000K W:6500K
CRI for White LED	Ra>80	Ra>80	-	Ra>80
LED QTY	60LEDs per meter			
LED Spacing	16.6mm			

Performance

Lumen Output	530lm	830lm	480lm	750lm
Efficacy	44lm/W	46lm/W	-	-
Beam Angle	120°			

Electrical

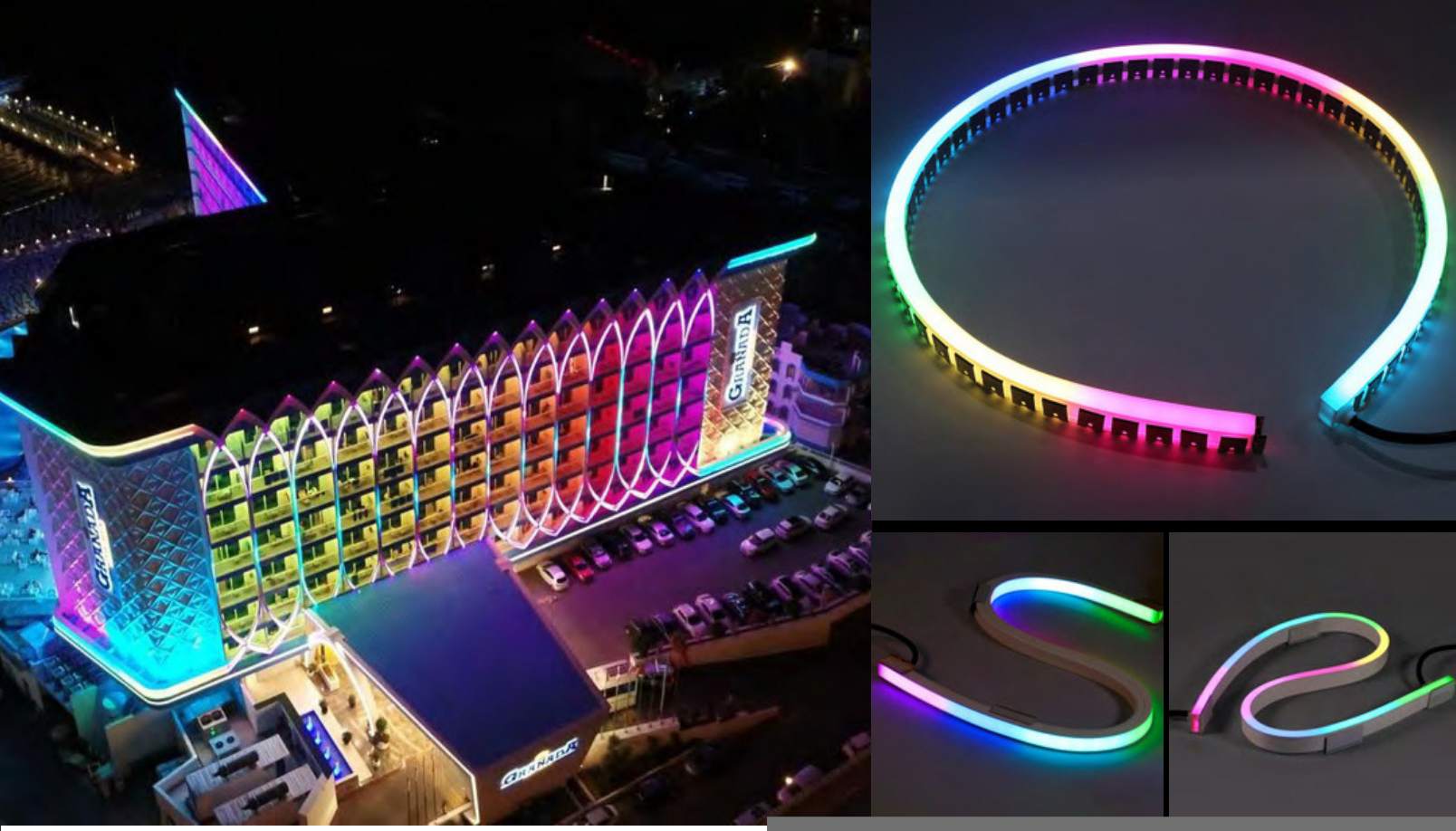
Input Voltage	24VDC	24VDC	24VDC	24VDC
Power Consumption	12W/Meter	12W/Meter	12W/Meter	16W/Meter

Control

Protocols	DMX512
Addressing	Manual Addressing with Colordreamer Addressing Tool CD-MT512
Pixels	10pixels/m
LEDs per Pixel	6
Pixel Pitch	100mm
Cutting Pitch	100mm

Physical

Material	Copper 3OZ
Housing Color	White
Dimensions (W X H)	12mmX20mm
Length	5000mm
Mounting	Aluminium Brackets



24V
DC

16W
Power

DMX

UV
resistant

IP67

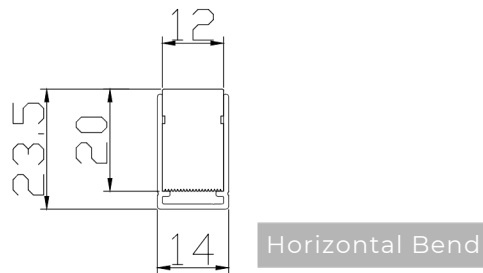
-30° C to
+50° C

CE

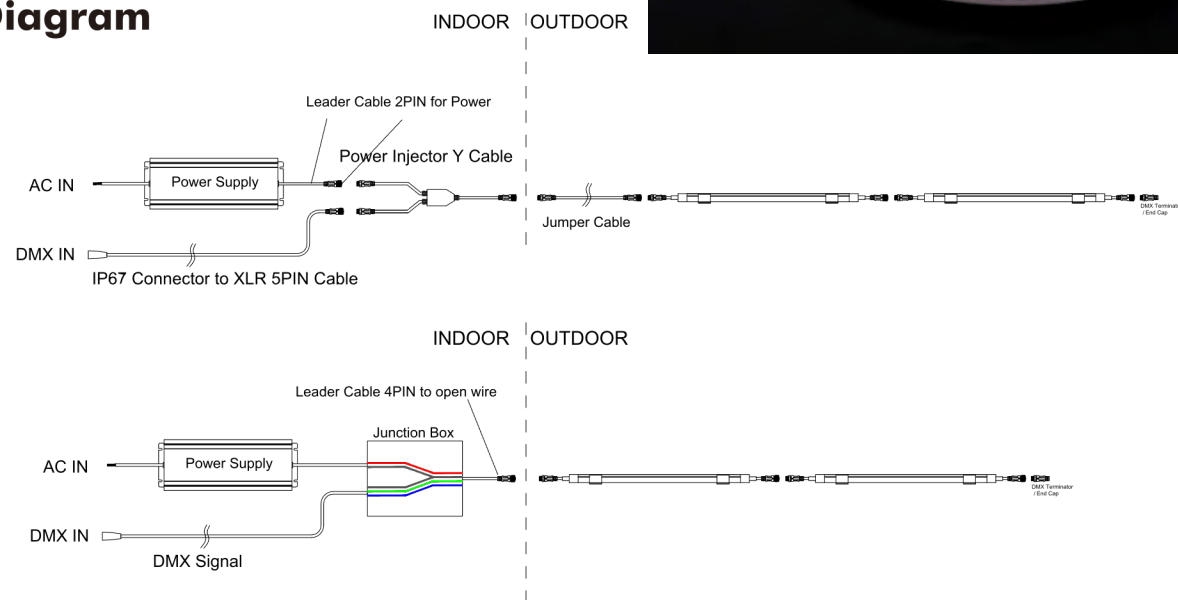
RoHS

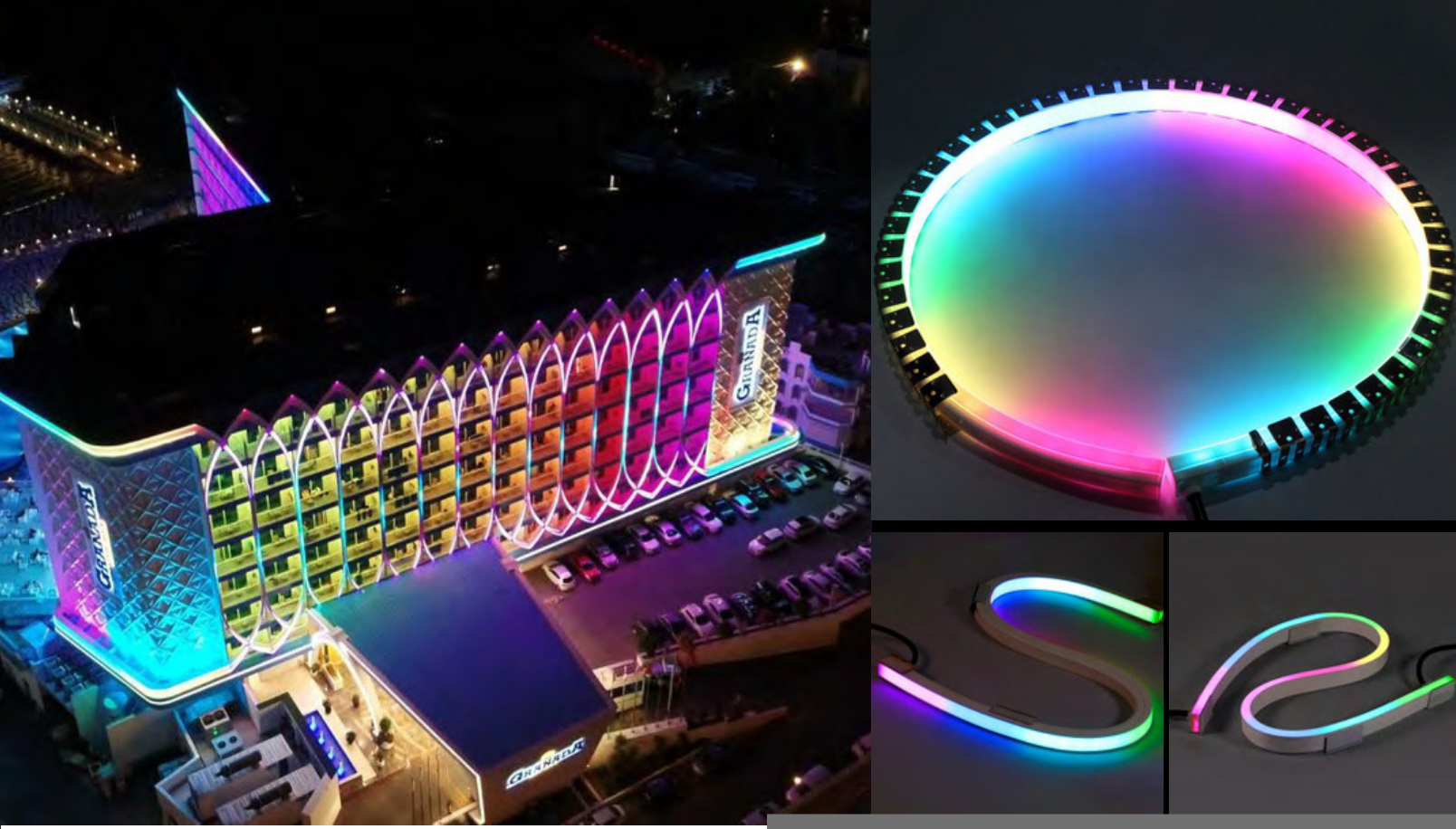
Warranty
3
years

Dimension



System Diagram









DMX Pixel Neon – DN166004

Static White/Tunable White/RGB/RGBW

The Colordreamer DMX Flex Neon are flexible strips which can be controlled directly using DMX512. The strip provides flexibility to fit on any curved surface. We have used superior thickened 3OZ copper tracks to reduce the effects of voltage drop.

Product Specification

Models LED	DN166001	DN166002	DN166003	DN166004
Color				
Light Source	SMD 5050	SMD 5050	SMD 5050	SMD 5050
Color	W:2700K W:3000K W:4000K W:6500K	W:2700K to W:6500K	RGB	RGBW W:2700K W:3000K W:4000K W:6500K
CRI for White LED	Ra>80	Ra>80	-	Ra>80
LED QTY	60LEDs per meter			
LED Spacing	16.6mm			

Performance

Lumen Output	530lm	830lm	480lm	750lm
Efficacy	44lm/W	46lm/W	-	-
Beam Angle	120°			

Electrical

Input Voltage	24VDC	24VDC	24VDC	24VDC
Power Consumption	12W/Meter	12W/Meter	12W/Meter	16W/Meter

Control

Protocols	DMX512
Addressing	Manual Addressing with Colordreamer Addressing Tool CD-MT512
Pixels	10pixels/m
LEDs per Pixel	6
Pixel Pitch	100mm
Cutting Pitch	100mm

Physical

Material	Copper 3OZ
Housing Color	White
Dimensions (W X H)	16mmX20mm
Length	5000mm
Mounting	Aluminium Brackets

24V
DC

16W
Power

DMX

UV
resistant

IP67

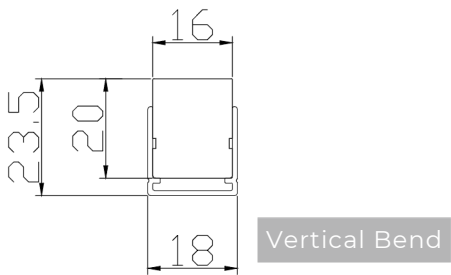
-30° C to
+50° C

CE

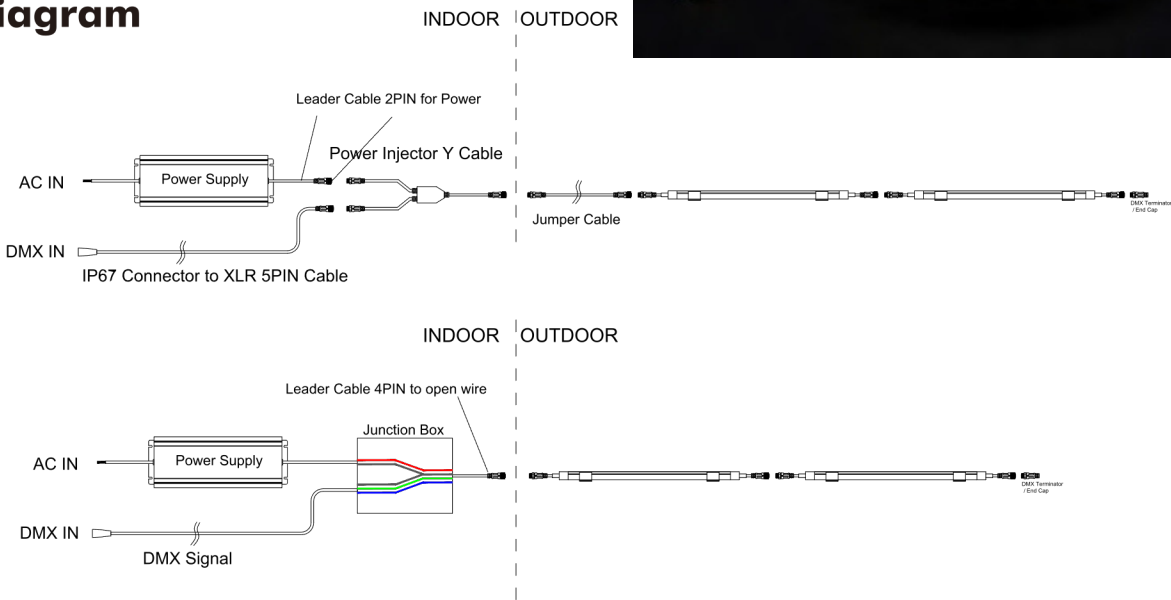
RoHS

Warranty
3
years

Dimension



System Diagram





TITAN R8

Art-Net/Streaming ACN

Art-Net or Streaming ACN data is directly converted to DMX512



1DMX-IN+8DMX/RDM-Out
8 Physical outputs



RDM
Each output support RDM
Ethernet in and Thru for Daisy Chain

120-277
VAC

5W
Power

DMX
RDM

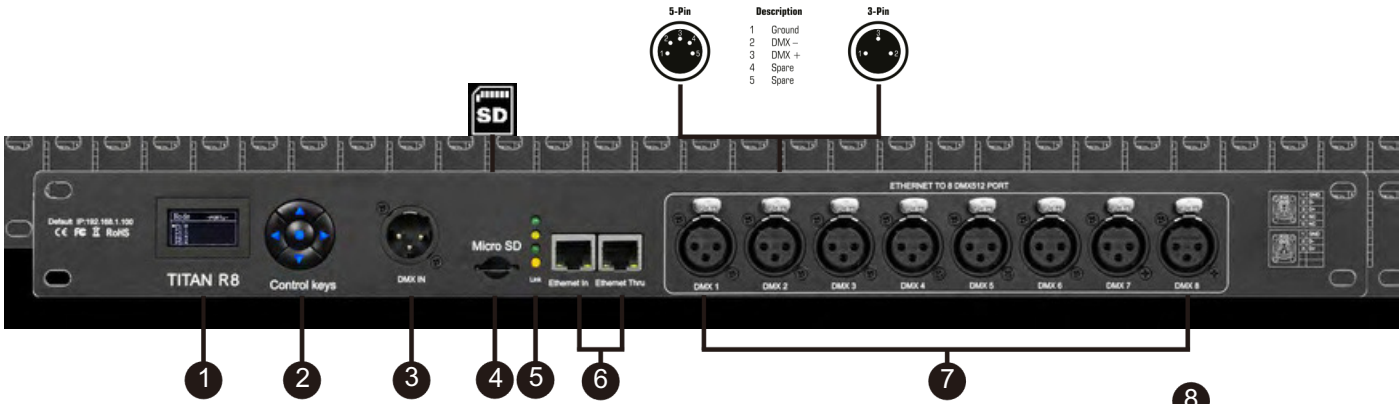
IP20

-30° C to
+50° C

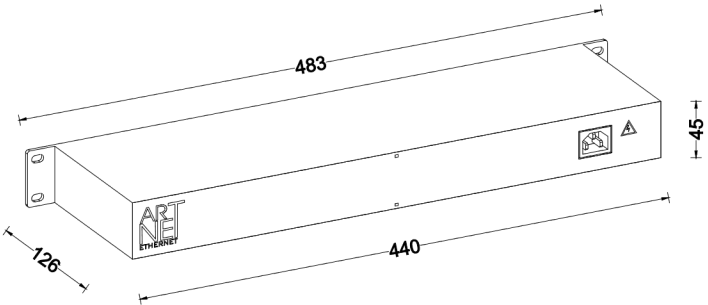
CE

RoHS

Warranty
2
years



Dimension



1. OLED Screen to display the configuration menu
2. Control Keys
The Center ENTER button is used to confirm your operation. Short press the ENTER button to enter the next menu, long press the ENTER button to return to the previous menu. The UP/DOWN/LEFT and RIGHT keys
3. DMX IN
4. SD Card
5. Status LEDs
6. Ethernet in and thru port
7. DMX1-8

ARTNET / SACN to DMX-RDM Controller Titan R8

Art-Net/Streaming CAN

Art-Net or Streaming ACN data is directly converted to DMX512

1DMX-IN+8DMX/RDM-Out

8 Physical outputs

RDM

Each output support RDM

Ethernet in and Thru for Daisy Chain

Live Recording

Record any Art-Net or Streaming ACN network stream onto the inserted memory card.

OLED Screen or Web Configuration

Use OLED Screen or the built-in web configuration page to change specific device settings, such as the important IP address, universes, playlist settings, and much more.

Master-Slave Synchronization

Manage large projects simply by connecting several units.

Product Specification

Models	TITAN R8
LED	
Electrical	
Input Voltage	120-240VAC 50/60Hz C14 inlet
Power Consumption	5W
Control	
Network Protocols	Art-Net / Streaming ACN
DMX Outputs	8 Outputs (Each output 512DMX Channels)
DMX In	1X512 DMX Channels input
Ethernet	Rj45
Default IP	192.168.1.100
Default Subnet	255.255.255.0
Physical	
Material	Metal
Finish Color	Black
Connector	3pin/5pin xlr female
Dimensions (L X W X H)	483×125x45mm (Bracket&



DMX Pixel Driver

Titan A8 Pro

DMX Pixel Driver – Titan A8 Pro is an eight universe Artnet to DMX driver designed for any DMX Pixel Products. It has an integral 1200W 24VDC power supply for up to eight outputs based upon eight universes received via Art-Net Each output can provide maximum 150W+512DMX channels to LED Fittings. Adjust settings and address via the onboard oled screen menu or web browser. Perfect synchronization between each Universe. Take full advantage of pixel mapping and voxel mapping, easy to install. The Artnet controller device is ready within seconds after start-up. An HTP Merge is automatically available for two Art-Net sources. If required, you can access and change specific device settings using the built-in web configuration tool.

Product Specification

Models LED	TITAN A8 Pro
Electrical	
Input Voltage	90-132VA/180-264VC by switch
Power Consumption	1200W (8 Output, Max 150W for each output)
Control	
Network Protocols	Art-Net via ethernet
DMX Outputs	DMX+24VDC
Ethernet	Rj45
Default IP	192.168.1.100
Default Subnet	255.255.255.0
Physical	
Material	Aluminium
Finish Color	Black
Connector	Removable Multi-pin terminal blocks
Dimensions (L X W X H)	440×300x88mm (Body) 483×300x88mm (Brackets)

120-277
VAC

1200
W
Power

DMX

UV
resistant

IP20

-30° C to
+50° C

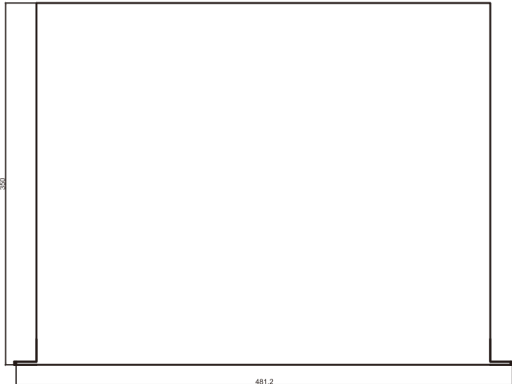
CE

RoHS

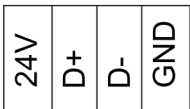
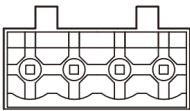
Warranty
2
years



Dimension



4PIN Connector Layout





DMX Splitter/Booster
DD-8WM

8 way DMX Splitter/Booster.
Isolated DMX Input/Outputs.
DD-8WM splitter is a 8-output DMX splitter with DMX pass-through supporting bi-directional communications for discovery, addressing and DMX control.
This unit takes the incoming DMX signal and splits the signal into 8 separate output channels.
All 8 output ports have independent output driver to boost the DMX signal.
Can be controlled from 512 to 8x512 channels.

Product Specification

Models LED	DD-8WM
Electrical	
Input Voltage	DC12-24V
Power Consumption	4.5W
Control	
Protocols	DMX512 Control
Power/Data Output	Eight 3-pin terminal sockets
DMX Inputs	1
DMX Thru Link	1
DMX Outputs	8
DMX Outputs	8
Physical	
Material	Aluminium
Finish Color	Powder coating, Black
Connector	Compression screw terminals
Mounting	Surface mount
Dimensions (L X W X H)	216×110×21mm

12-24 VDC

4.5W Power

DMX

UV resistant

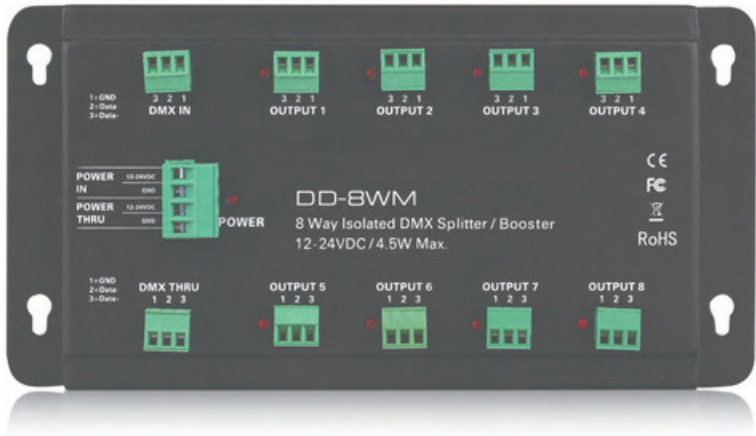
IP20

-30° C to +50° C

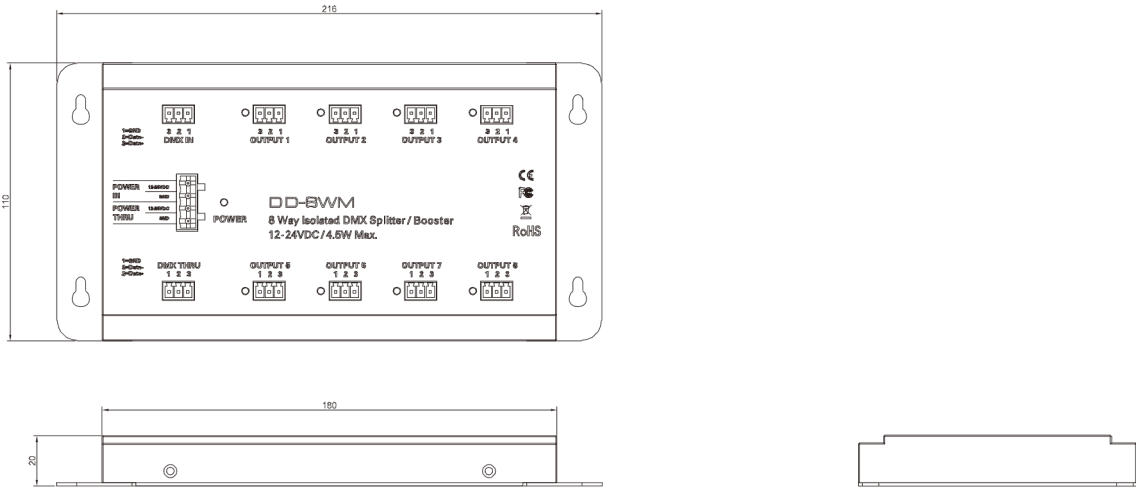
CE

RoHS

Warranty 2 years



Dimension



DMX Addressing
Tool-CD-MT512

The CD-MT512 is a powerful DMX Addressing and test tool.it allows for DMX Addressing and Color testing of Lighting products. This Tool is a must for anyone involved with DMX512 installation.

12-48
VDC

2W
Power

DMX

UV
resistant

IP20

-30° C to
+50° C

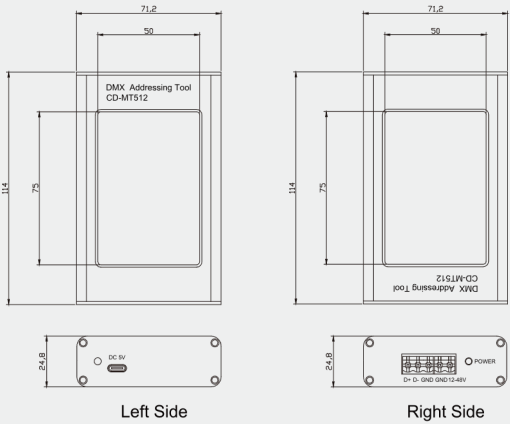
CE

RoHS

Warranty
2
years



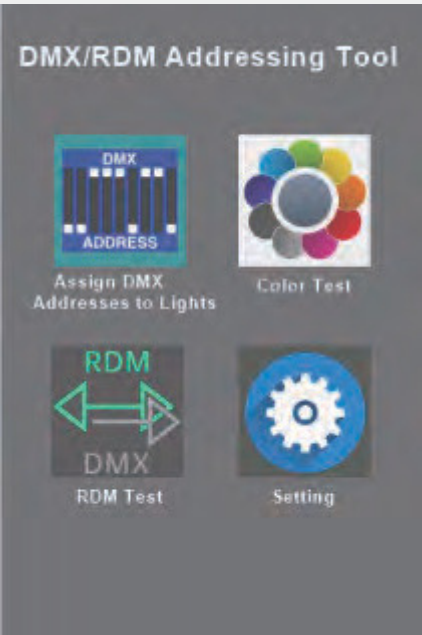
Dimension



Product Specification

Models LED	CD-MT512
Electrical	
Input Voltage	12-48VDC
USB Port	USB Type C, cable not included
Power Consumption	2W
Display	3.5-inch (diagonal) all-screen LCD Multi-Touch display
Control	
Network Protocols	Art-Net via ethernet
DMX Outputs	512 DMX Channels
Physical	
Material	Aluminium
Finish Color	Black
Connector	Removable Multi-pin terminal blocks
Dimensions (L X W X H)	114X71.2X24.8mm

Home Screen



1. IC Type can be CD/SM16512/SM17512/SM18512/UCS-C
- 2.Address offset autoincrement :
0001 for one channel fixtures
0002 for 2channels fixtures
0003 for RGB fixtures
0004 for RGBW fixtures

Color Test

- 1: Color Change automatically changes colors for R/RG/RGB/RGBW Fitting



Assign DMX Addresses to Lights



- 3.DMX Start address for auto addressing.
Example:
For DMX flexible strip.10Pixels per meter, RGB Color,
if you set start address0001, then address will be 0001
0002 0003,0004 0005,0006.....automatically
Remember to press “OK&Apply” to confirm your setting.

- 2: Static Color
- Use the fader for each color channel separately to adjust the color. The color mixing and the final color will be shown.

