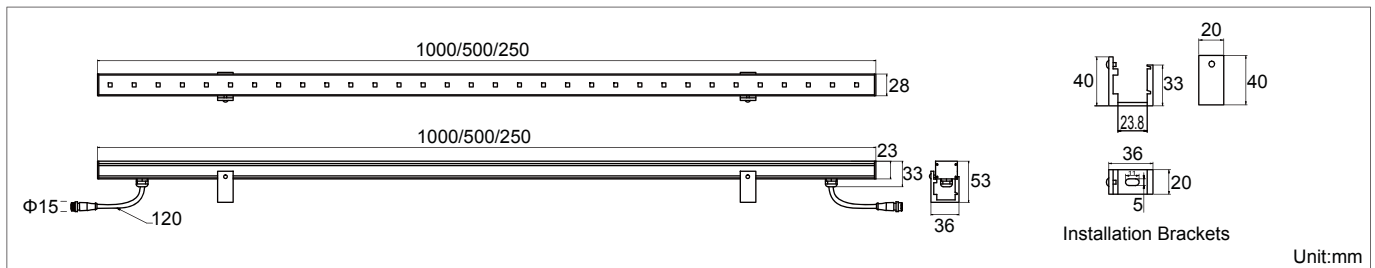
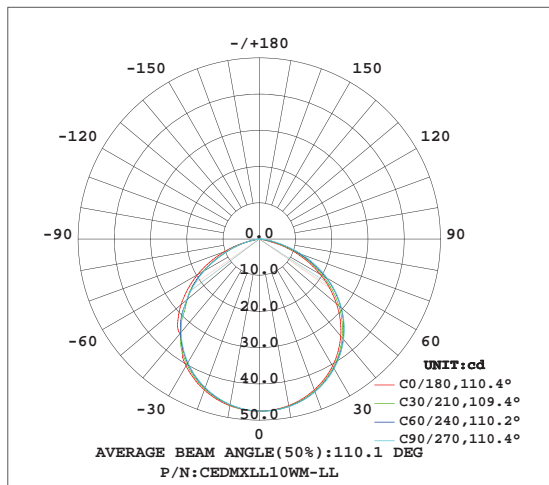


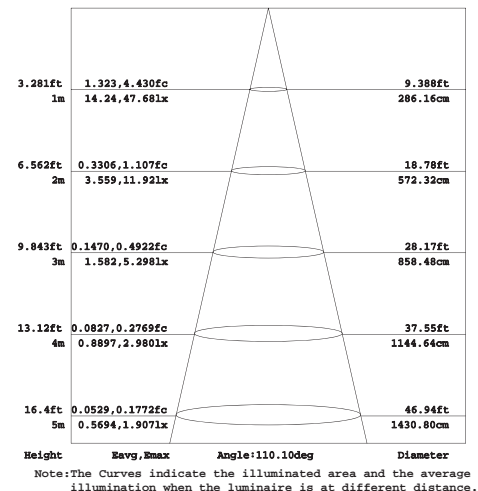
Product Dimensions:



Luminous Intensity Distribution Diagram:



Lux Distribution:



Manufacturing Quality Standard:

- ISO 9001:2008

LED Luminaire Standard:

- EN/IEC 60598-1
- EN/IEC 60598-2-1
- EN/IEC 60598-2-2
- EN/IEC 60529
- EN/IEC 62471-2
- IEC 62612
- EN/IEC 60968
- IEC 62560
- EN/IEC 60061-1
- EN 13032-1
- EN 13032-2
- EN/IEC 62471
- EN/IEC 60825
- EN 60061-1

Electronic Driver Standard:

- EN/IEC 61347-1
- EN/IEC 61347-2-13
- EN/IEC 62384
- EN/IEC 61000-3-2
- EN/IEC 61000-3-3
- EN/IEC 61547
- EN 55015(CISPR 15)

LED Module Standard:

- IEC 62031
- IEC 60838-2-2

LED Light Photometric Standard:

- CIE; TM14; LM-75; IES; LDT; CEN; CIB

RoHS Standard:

- EPA3050B
- EN 1122B
- IEC 62321
- EPA3052
- EPA3060A
- EPA7196A
- EPA3540C
- EPA8270D

LED Luminaire Performance:

- LM-80-08
- Switching cycle:100,000x



**Features:**

- Comply with standard DMX 512(Digital Multiplex) controller system
- Built-in DMX address IC for IP writing
- Display to 16,777,216 colors
- Frame per second:>100 FPS
- Dimmable range:0~255 steps
- 256 gradations for RGB individual color
- Built-in constant current driver with PWM signal > 400Hz
- 6063 aluminum alloy housing with anode oxidation
- Convenient installation with unique brackets

**Applications:**

- Outdoor plaza
- The House of contours
- Bridges
- Landscape lighting

**Specifications:**

Part No	Size(L) (mm)	CCT (K)	Qty of LED (PCS)	Average Beam Angle	Luminous Intensity (cd)	Luminaire Luminous Flux (lm)	Sections	Max. Power (W)
CEDMXLL10WM-LL	1000	Full Color (RGB)	32	110°	50	130	16	10
CEDMXLL10WW-LL	1000	3000K	32	110°	150	560	16	10
CEDMXLL10WN-LL	1000	4000K	32	110°	200	600	16	10
CEDMXLL10WC-LL	1000	5500K	32	110°	350	800	16	10
CEDMXLL06WM-LM	500	Full Color (RGB)	16	110°	40	100	8	6
CEDMXLL06WW-LM	500	3000K	16	110°	100	340	8	6
CEDMXLL06WN-LM	500	4000K	16	110°	150	360	8	6
CEDMXLL06WC-LM	500	5500K	16	110°	200	480	8	6
CEDMXLL04WM-LS	250	Full Color (RGB)	8	110°	30	50	4	4
CEDMXLL04WW-LS	250	3000K	8	110°	70	220	4	4
CEDMXLL04WN-LS	250	4000K	8	110°	90	240	4	4
CEDMXLL04WC-LS	250	5500K	8	110°	120	320	4	4

**Products Characteristic:**

- Input Voltage: DC 12V
- Control Protocol: DMX 512
- Operating Temperature: -20°C~50°C
- House Material: Aluminum & Polycarbonate
- Body Color: Silver Grey Black or Tailor-made
- LED Type: Taiwan or Samsung

Off-line DMX Controllers

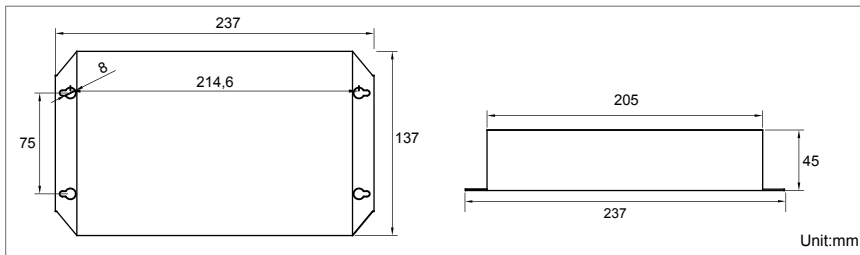


P/N:DMXSC Sub-Controller

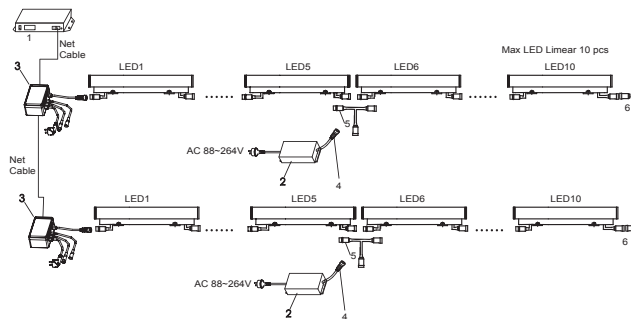


P/N:DMXMC Master Controller

DMXSC & DMXMC Product Dimensions:

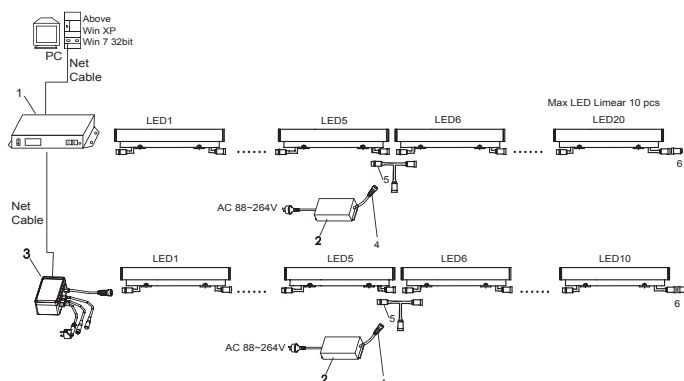


Installation Instructions For Point Light Application--Off-line Control



1. Master controller (DMXMC )
2. Switching power supply(DC12V)
3. Sub controller (DMXSC)
4. 5 Pin Power female connector IP65 (Φ15mm)
5. 3 channel connector
6. End cap IP65 (Φ15mm)

Installation Instructions For Point Light Application--P/C Control



- 1.Master controller(DMXMC )
2. Switching power supply(DC12V)
3. Sub controller (DMXSC)
4. 4Pin Power female connector IP65 (Φ15mm)
5. 3 channel connector
6. End cap (Φ15mm)



■ Features :

- Universal AC input / Full range
- Built-in active PFC function, PF>0.95
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Forced air cooling by built-in DC Fan
- Built-in fan speed control
- Fixed switching frequency at 100KHz
- 3 years warranty

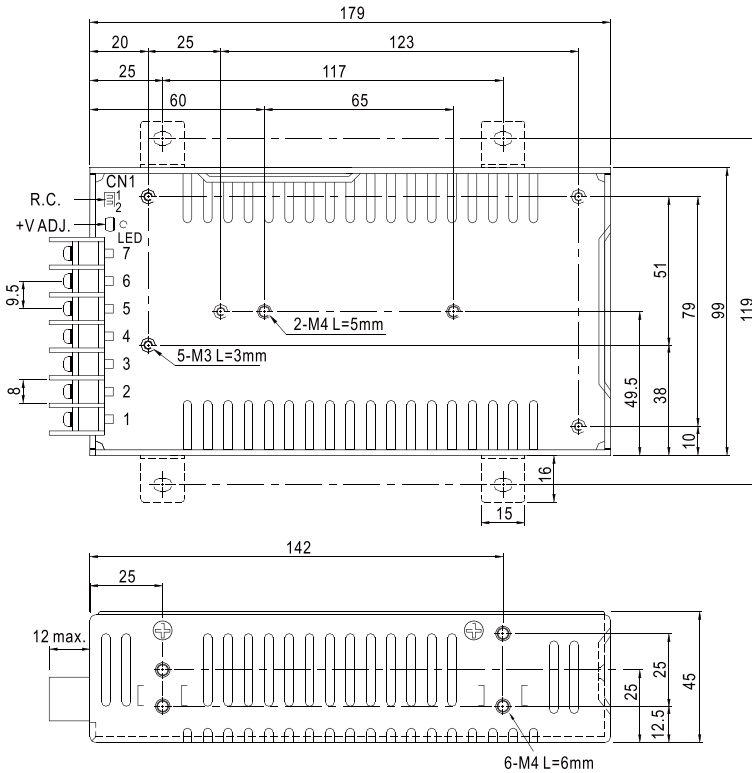


## SPECIFICATION

MODEL		SP-100-12
OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	8.5A
	CURRENT RANGE	0 ~ 8.5A
	RATED POWER	102W
	RIPPLE & NOISE (max.) Note.2	100mVp-p
	VOLTAGE ADJ. RANGE	11.4 ~ 13.2V
	VOLTAGE TOLERANCE Note.3	± 2.0%
	LINE REGULATION	± 0.5%
	LOAD REGULATION	± 0.5%
	SETUP, RISE TIME	600ms, 30ms at full load
HOLD UP TIME (Typ.)	20ms at full load	
INPUT	VOLTAGE RANGE	85 ~ 264VAC    120 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	POWER FACTOR (Typ.)	PF>0.93/230VAC    PF>0.97/115VAC at full load
	EFFICIENCY (Typ.)	82.5%
	AC CURRENT (Typ.)	1.7A/115VAC    0.8A/230VAC
	INRUSH CURRENT (Typ.)	COLD START 35A/230VAC
	LEAKAGE CURRENT	<2mA / 240VAC
PROTECTION	OVERLOAD	105 ~ 150% rated output power Protection type : Constant current limiting, recovers automatically after fault condition is removed
	OVER VOLTAGE	13.2 ~ 16.2V Protection type : Shut down o/p voltage, re-power on to recover
FUNCTION	REMOTE CONTROL(OPTION)	CN1:4 ~ 10VDC POWER ON, <0 ~ 0.8VDC POWER OFF
ENVIRONMENT	WORKING TEMP.	-10 ~ +60°C (Refer to output load derating curve)
	WORKING HUMIDITY	20 ~ 90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH
	TEMP. COEFFICIENT	± 0.05%/°C (0 ~ 50°C)
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes
SAFETY & EMC (Note 4)	SAFETY STANDARDS	UL60950-1, TUV EN60950-1 approved
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC    I/P-FG:2KVAC    O/P-FG:0.5KVAC
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH
	EMC EMISSION	Compliance to EN55022 (CISPR22) Class B, EN61000-3-2,-3
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, light industry level, criteria A
OTHERS	MTBF	211.3K hrs min.    MIL-HDBK-217F (25°C)
	DIMENSION	179*99*45mm (L*W*H)
	PACKING	0.66Kg; 20pcs/14.3Kg/1.17CUFT
NOTE	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on <a href="http://www.meanwell.com">http://www.meanwell.com</a>)</p>	

Case No. 915A Unit:mm

**Mechanical Specification**



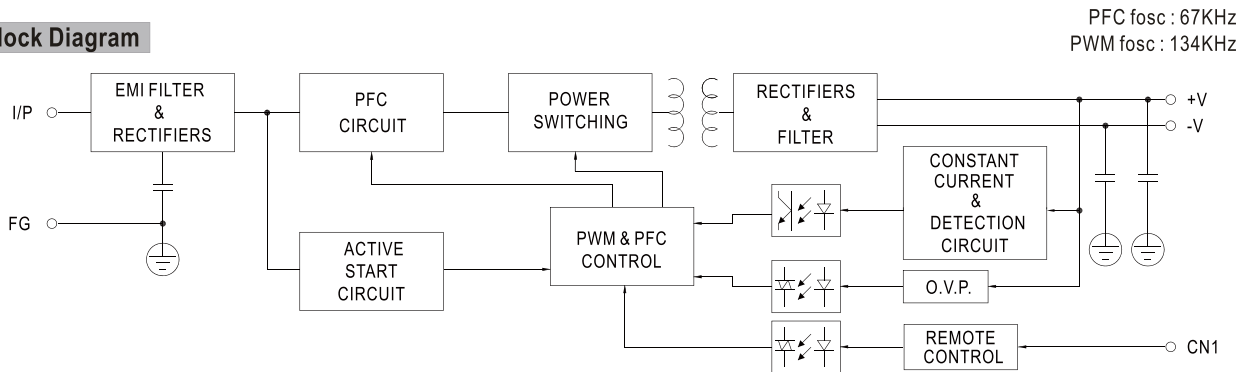
**Terminal Pin No. Assignment**

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4,5	DC OUTPUT -V
2	AC/N	6,7	DC OUTPUT +V
3	FG		

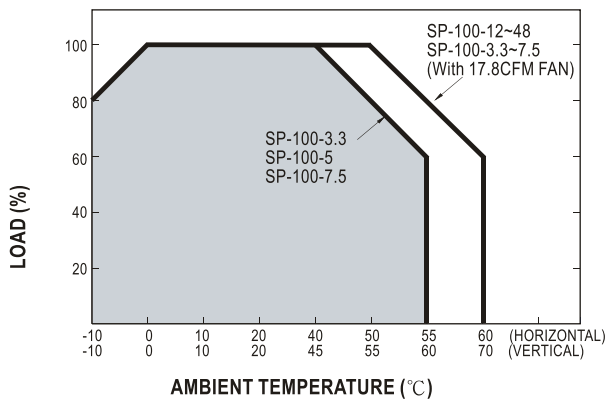
Remote ON/OFF (CN1): JST S2B-XH or equivalent(optional)

Pin No.	Assignment	Mating Housing	Terminal
1	RC+	JST XHP or equivalent	JST SXH-001T-P0.6 or equivalent
2	RC-		

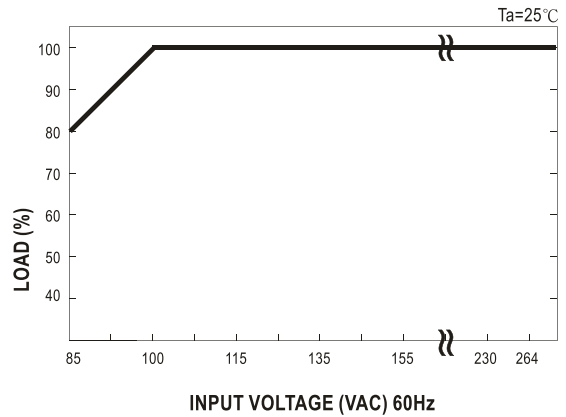
**Block Diagram**



**Derating Curve**



**Output Derating VS Input Voltage**





LED DMX Linear Light LORA I Series



DMX Architectural Effect

LED DMX Linear Light LORA I Series

