

O u t d o o r L E D L i g h t i n g



RoHS

SHP - Series



Ray Power Control

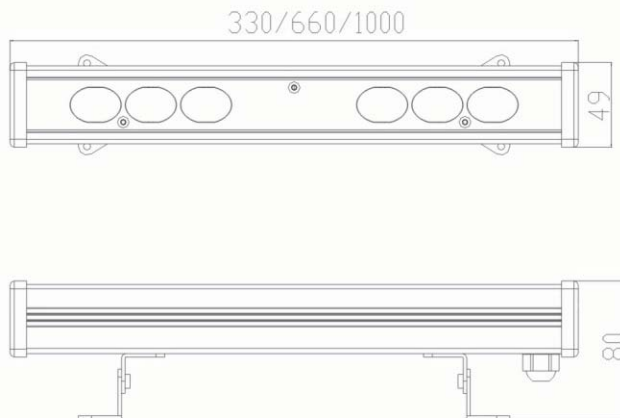
▶ ORDERING INFORMATION

Model	Color Range	Operating Voltage	Optic	No. of LEDs	Cable	Driver
SHP-RGB-330/660/1000	16.6 million(24bit) RGB	24/48V	10 x 80	6/12/18	1m	Ray Power Control
SHP-WW-330/660/1000	3000-3500K°	24/48V	10 x 80	6/12/18	1m	Ray Power Control
SHP-CW-330/660/1000	5500-6000K°	24/48V	10 x 80	6/12/18	1m	Ray Power Control

▶ SPECIFICATION

SOURCE LIFE	50,000 hours under normal operating conditions						
LIGHT SOURCE	6/12/18 x 3W high power Cree LEDs						
POWER CONSUMPTION	50W max/meter						
BEAM ANGLE	25 degree (45 , 10x80 degree optional)						
EMISSION WAVE LENGTH	Red	Green	Blue	Warm White	Cool White	If=350mA	
	min 620 max 650	min 520 max 555	min 450 max 465	3000-3500K°	5500-6000K°	units nm	
CONNECTION	6 pin IP outdoor rated connector						
LISTING	CE certified						
OPERATION TEMPERATURE	-20 degC to +60 degC						
STORAGE TEMPERATURE	-20 degC to +80 degC						
HOUSING	Anodized Aluminum						
IP RATING	IP 66						
DIMENSION	300/600/990(L) x 46(W) x 51.5mm(H)						
WEIGHT	0.74Kgs/1.45Kgs/2.2Kgs						
POWER SUPPLY	Ray Power Control 24 (SHP-300/600) Ray Power Control 48 (SHP-1000)						

▶ PHYSICAL DIMENSIONS



▶ ORDERING CODE

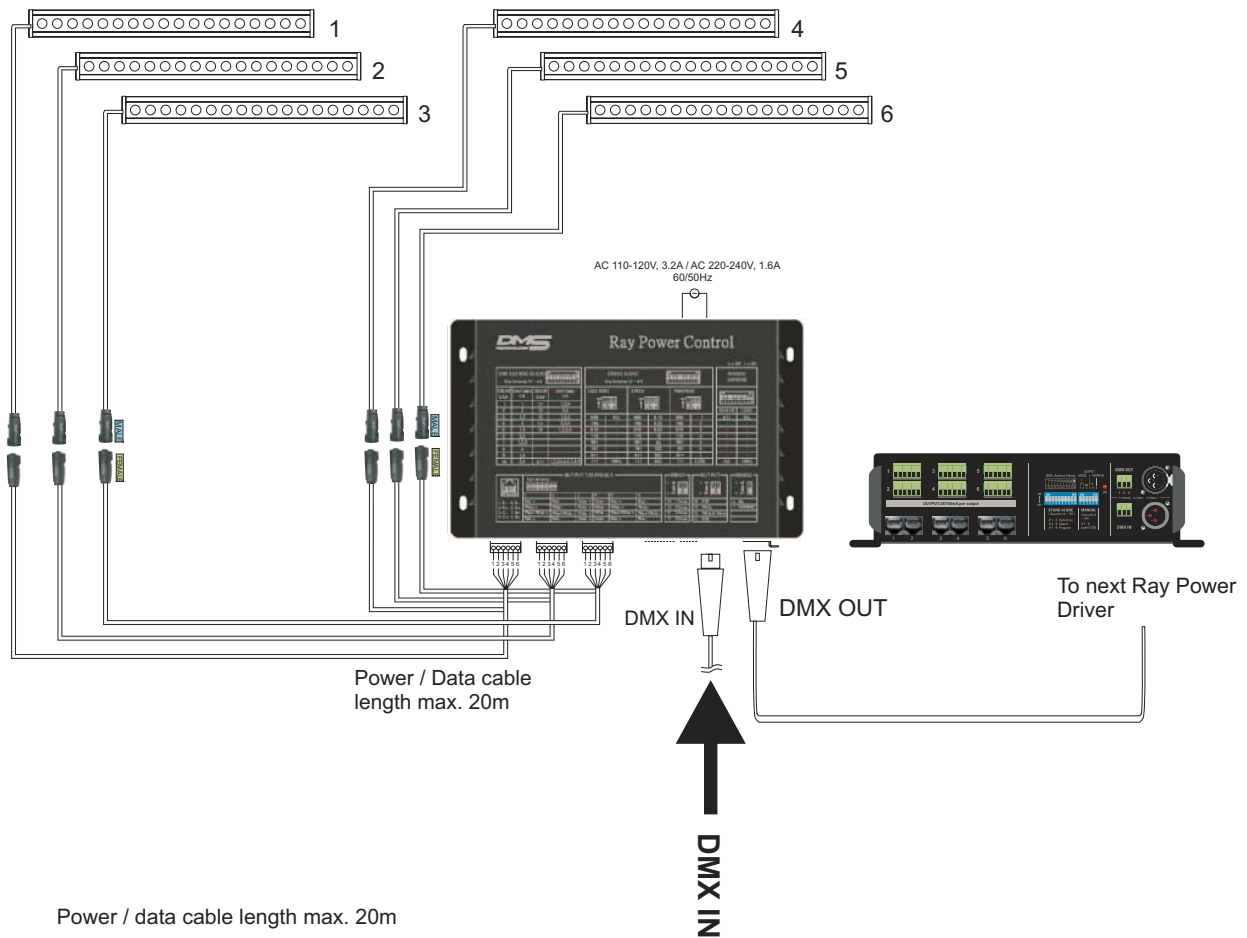
SHP330-15W-RGB-25-24V	6x3W RGB 25° 330mm
SHP660-30W-RGB-25-24V	12x3W RGB 25° 660mm
SHP1000-45W-RGB-25-48V	18x3W RGB 25° 1000mm
SHP330-15W-WW-25-24V	6x3W WW 25° 330mm
SHP660-30W-WW-25-24V	12x3W WW 25° 660mm
SHP1000-45W-WW-25-48V	18x3W WW 25° 1000mm
SHP330-15W-CW-25-24V	6x3W CW 25° 330mm
SHP660-30W-CW-25-24V	12x3W CW 25° 660mm
SHP1000-45W-CW-25-48V	18x3W CW 25° 1000mm

Other variations are optionally available

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► LEDs Driver System Schematic Diagram

One RAYPOWER CONTROL 24(PSU:24VDC, 6.5A) connect to max 12 units SHP-330(6LEDs)
 One RAYPOWER CONTROL 24(PSU:24VDC, 6.5A) connect to max 6 units SHP-660(12LEDs)
 One RAYPOWER CONTROL 48(PSU:48VDC, 3.5A) connect to max 3 units SHP-1000(18LEDs)



Power / data cable length max. 20m



1	2	3	4	5	6
Red +	Red -	Green +	Green -	Blue +	Blue -
White +	White -	White +	White -	White +	White -
Warm White +	Warm White -	White +	White -	White +	White -
Red +	Red -	Green +	Green -	Blue +	Blue -

Remark: Add signal repeater if data cable over 100m

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