

JLS560RGBW	24	12	AA	BB	80	DD
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Model

Voltage

Width

CCT

IP

CRI

Length

24: 24V

12: 12mm

30: 3000K
40: 4000K33: IP33 (Dry)
55: IP55 (Wet)
65: Nano (Damp)
67: IP67 (Wet)

80: 80+

5m (SD)
Customized

CCT	Power	Brightness	Luminous Efficacy
RGBW	5.85 W/ft	270 lm/ft	46 lm/W
R	1.46 W/ft	35 lm/ft	24 lm/W
G	1.46 W/ft	91 lm/ft	62 lm/W
B	1.46 W/ft	27 lm/ft	18 lm/W
3000K	1.46 W/ft	113 lm/ft	77 lm/W
4000K	1.46 W/ft	116 lm/ft	79 lm/W

Project	
Qty	
Date	
Client	

Standard CCT

R: 620nm
G: 525nm
B: 470nm

3000K



4000K

Waterproof Solution



IP33

No waterproof

Dry location



IP55

Silicone Coating

Damp location



IP65

Waterproof

Damp location



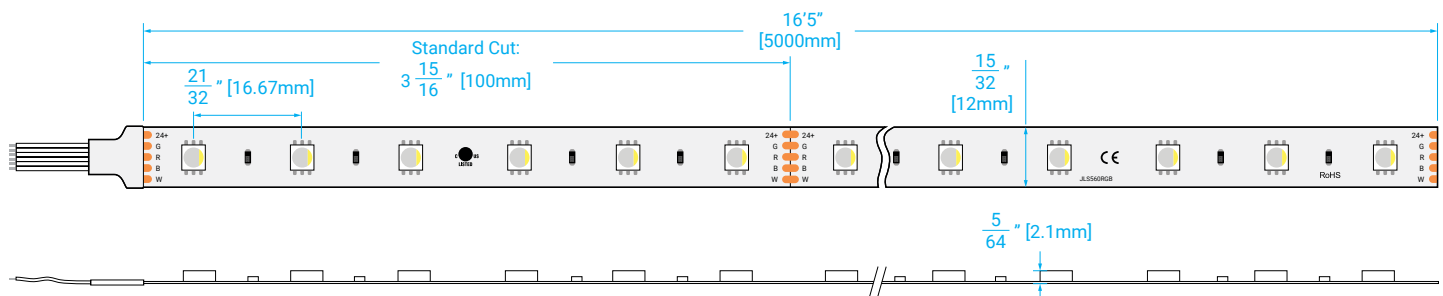
IP67

Silicone Extrusion

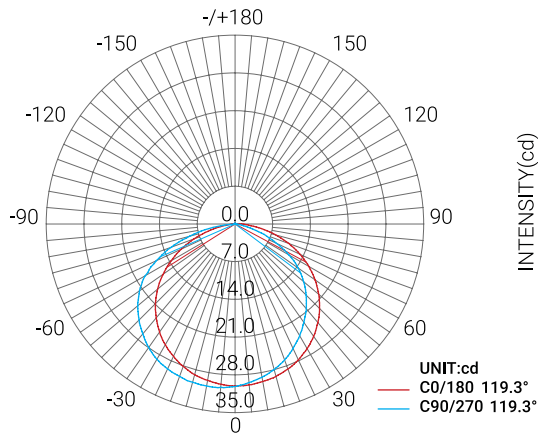
Wet location
Short time under water

LED Type	SMD5050RGBW
Input Voltage	24VDC
Beam Angle	120°
CRI	80+
Power	R: 4.8W/M (1.46W/ft.); G: 4.8W/M (1.46W/ft.); B: 4.8W/M (1.46W/ft.); W: 4.8W/M (1.46W/ft); RGBW 5.85W/ft
Current	R: 0.2A/m (0.061A/ft); G: 0.2A/m (0.061A/ft); B: 0.2A/m (0.061A/ft); W: 0.2A/m (0.061A/ft)
Brightness	R: 35lm/ft; G: 91lm/ft; B: 27lm/ft; W: 113lm/ft (3000K), 116lm/ft (4000K); RGBW 270lm/ft
Length/ Reel	5m(16.4ft)/ 50m/(164ft)
Cut Length	100mm/unit (3.94in/unit)
Max. Length (No Voltage drop)	5m (16.4ft)
IP Grade	IP33/ IP55/ IP65/ IP67
Operating Temperature	-20°C~45°C
Environment Humidity	40-70% RH
Dimming Method	0-10V, RX, PWM, Triac, RF, Bluetooth, WIFI etc.
Certification	UL, CE, RoHS

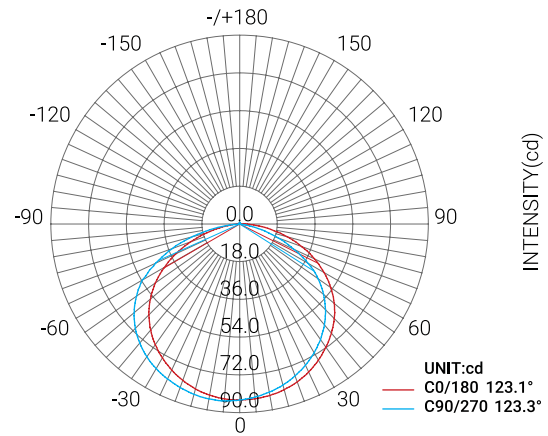
DIMENSION



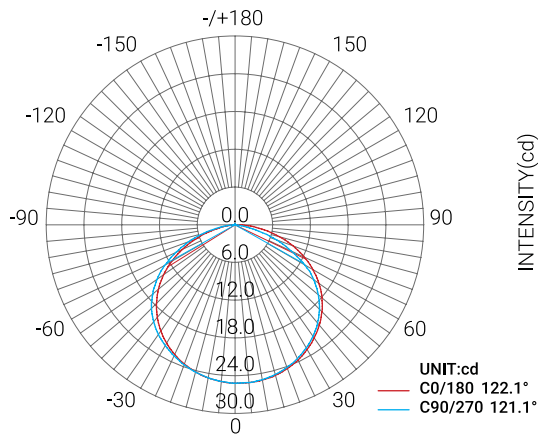
LUMINAIRE PHOTOMETRIC TEST REPORT

Red: LUMINOUS INTENSITY DISTRIBUTION

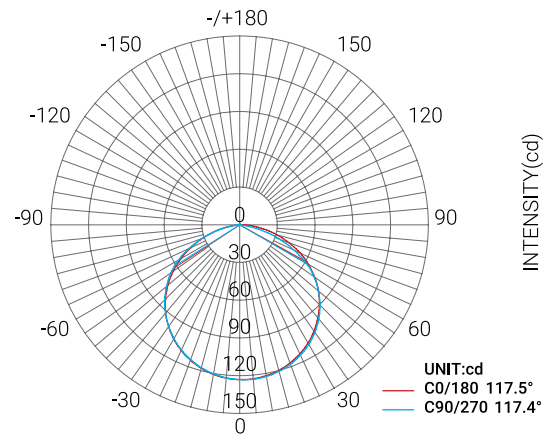
AVERAGE BEAM ANGLE(50%): 119.3 DEG

Green: LUMINOUS INTENSITY DISTRIBUTION

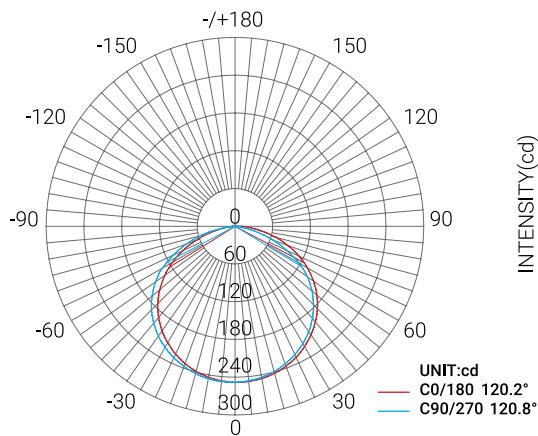
AVERAGE BEAM ANGLE(50%): 123.2 DEG

Blue: LUMINOUS INTENSITY DISTRIBUTION

AVERAGE BEAM ANGLE(50%): 121.6 DEG

White: LUMINOUS INTENSITY DISTRIBUTION

AVERAGE BEAM ANGLE(50%): 117.5 DEG

RGB: LUMINOUS INTENSITY DISTRIBUTION

AVERAGE BEAM ANGLE(50%): 120.5 DEG

ACCESSORIES

