

JLS596RGBW	24	12			80	
Model	Voltage	Width	CCT	IP	CRI	Length
	24: 24V	12: 12mm	30: 3000K 40: 4000K	20: IP20 (Dry) 55: IP55 (Wet) 65: Nano (Damp) 67: IP67 (Wet)	80: 80+	5m (SD) Customized



CCT	Power	Brightness	Luminous Efficacy
R	1.52 W/ft	33 lm/ft	22 lm/W
G	1.52 W/ft	115 lm/ft	76 lm/W
B	1.52 W/ft	18 lm/ft	12 lm/W
3000K	1.52 W/ft	111lm/ft	73lm/W
4000K	1.52 W/ft	113 lm/ft	74 lm/W

Project	
Qty	
Date	
Client	

Standard CCT

3000K

4000K

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

LED Type	SMD5050RGBW
Input Voltage	24VDC
Beam Angle	120°
CRI	80+
Power	R: 5W/M (1.52W/ft.); G: 5W/M (1.52W/ft.); B: 5W/M (1.52W/ft.); W: 5W/M (1.52W/ft); RGBW 6.1W/ft
Current	R: 0.21A/m (0.063A/ft); G: 0.21A/m (0.063A/ft); B: 0.21A/m (0.063A/ft); W: 0.21A/m (0.063A/ft)
Brightness	R: 33lm/ft; G: 115lm/ft; B: 18lm/ft; W: 111lm/ft (3000K), 113lm/ft (4000K)
Length/ Reel	5m(16.4ft)/ 50m/(164ft)
Cut Length	62.5mm/unit (2.5in/unit)
Max. Length (No Voltage drop)	14FT
IP Grade	IP20/ IP55/ IP65/ IP67
Operating Temperature	-20°C~45°C
Enviroment Humidity	40-70% RH
Dimming Method	0-10V, RX, PWM, Triac, RF, Bluetooth, WIFI etc.
Certification	/

Waterproof Solution

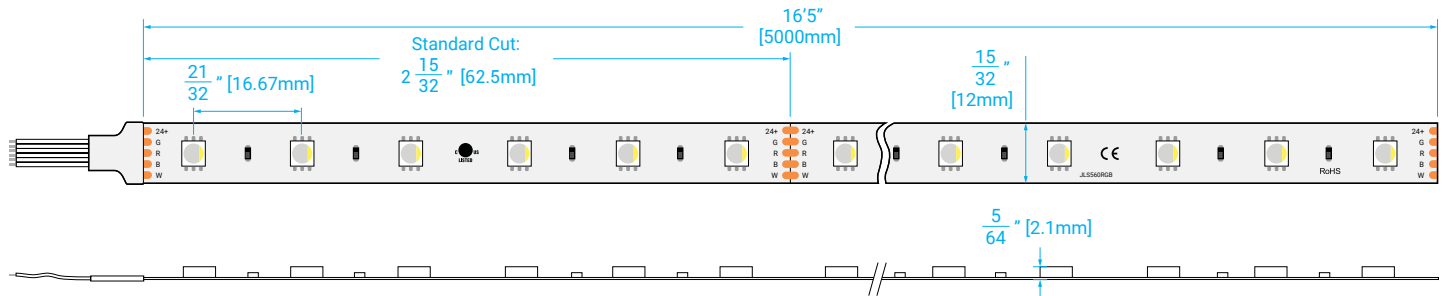
IP20
No waterproof
Dry location

IP55
Silicone Coating
Damp location

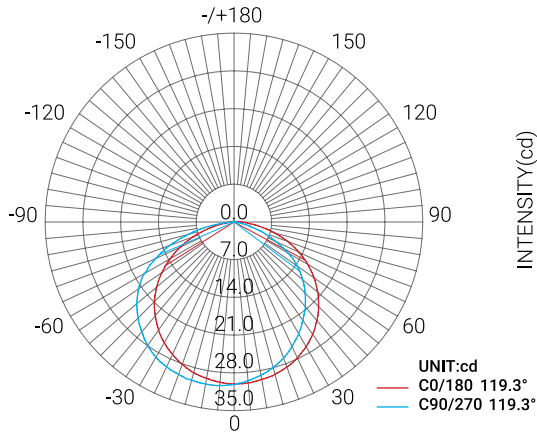
IP65
Waterproof
Damp location

IP67
Silicone Extrusion
Wet location
Short time under water

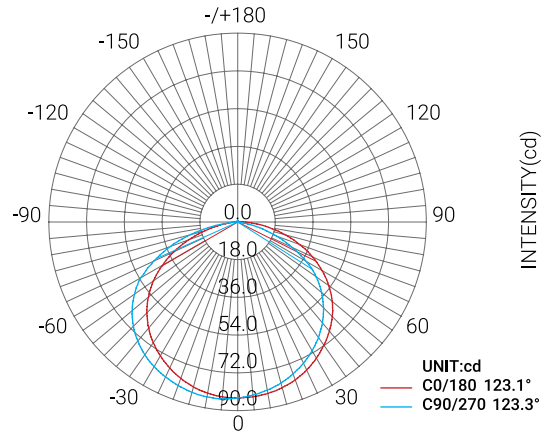
DIMENSION



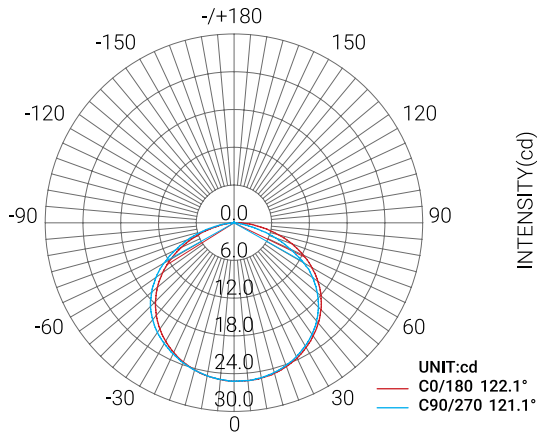
LUMINAIRE PHOTOMETRIC TEST REPORT

Red: LUMINOUS INTENSITY DISTRIBUTION

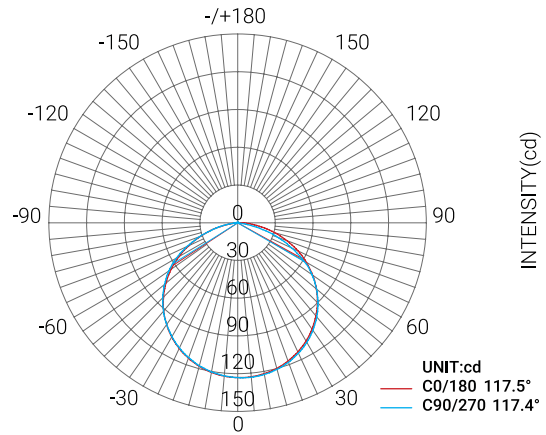
AVERAGE BEAM ANGLE(50%): 119.3 DEG

Green: LUMINOUS INTENSITY DISTRIBUTION

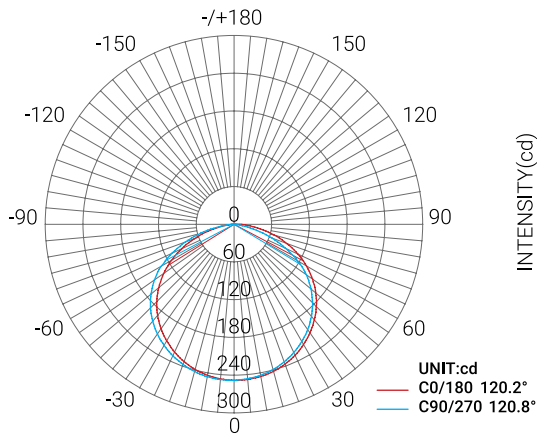
AVERAGE BEAM ANGLE(50%): 123.2 DEG

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

