PAR20/AR111 with **G53** base

SPD 22A

Φ111mm, Height 49mm

5W/9W/13W SPD 22A = 45W Halogen lighting

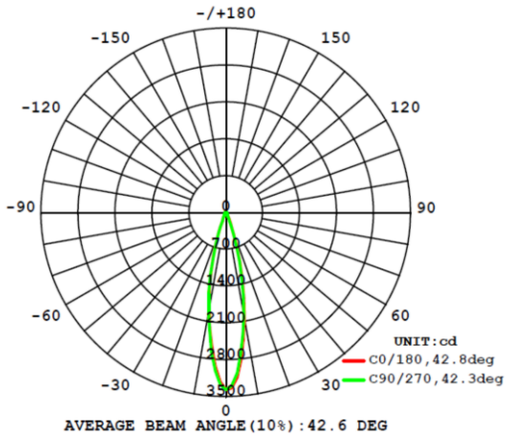
- 80% energy savings
- 1400% longer in life

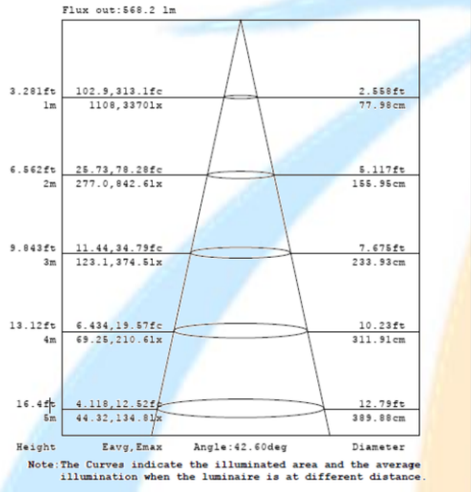
Applications

- Both indoor and outdoor for
  - Household
  - Restaurant
  - Office building
  - Shopping mall

Features

- Waterproof: IP 65 rated
- 5W, 9W,13W power available



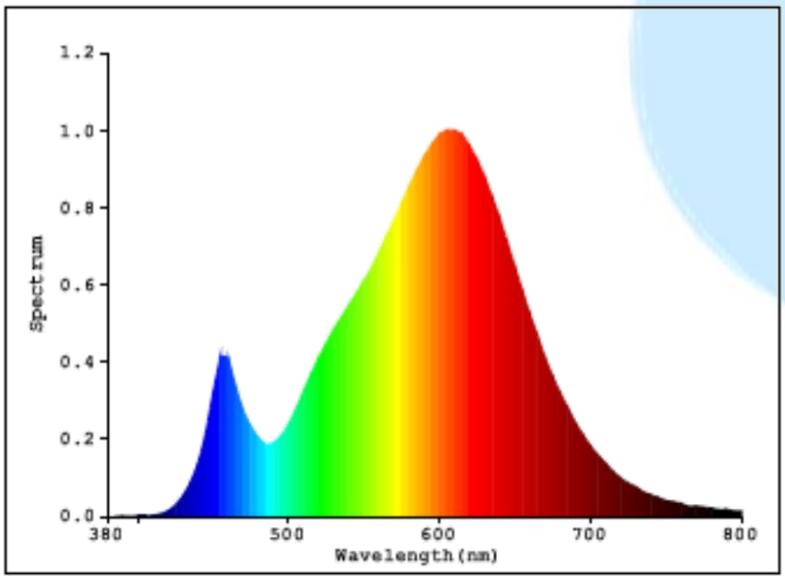


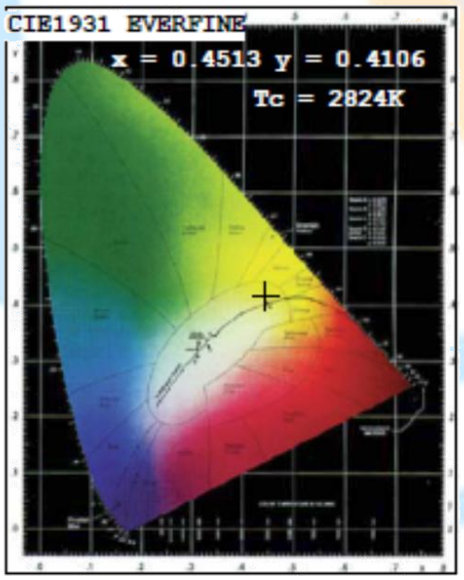
Performance Parameters

PAR20/AR111	Light color type	Color temperature Min	Color temperature Max	Lumen (XB D)	Color Rendering Index	Input Volt	Power	PF	Efficiency	Ambient Temperature	Lifespan*	Wattage equivalent	Beam angles
SPD22A 5W	Cool White	5000K	6000K	385LM	>70	12-24V AC/DC	5W		>75LM/W	-20°C~40°C	8Years	45W	30°,40°,60°,80°
IP65 G53 base	Natural White	3800K	4500K	370LM	>75	12-24V AC/DC	5W		>70LM/W	-20°C~40°C	8Years	45W	30°,40°,60°,80°
	Warm White	2700K	3000K	310LM	>80	12-24V AC/DC	5W		>60LM/W	-20°C~40°C	8Years	45W	30°,40°,60°,80°
SPD22A 9W	Cool White	5000K	6000K	645LM	>70	12-24V AC/DC	9W		>70LM/W	-20°C~40°C	8Years	45W	30°,40°,60°,80°
IP65 G53 base	Natural White	3800K	4500K	610LM	>75	12-24V AC/DC	9W		>65LM/W	-20°C~40°C	8Years	45W	30°,40°,60°,80°
	Warm White	2700K	3000K	520LM	>80	12-24V AC/DC	9W		>55LM/W	-20°C~40°C	8Years	45W	30°,40°,60°,80°
SPD22A 13W	Cool White	5000K	6000K	900LM	>70	12-24V AC/DC	13W		>70LM/W	-20°C~40°C	8Years	45W	30°,40°,60°,80°
IP65 G53 base	Natural White	3800K	4500K	840LM	>75	12-24V AC/DC	13W		>65LM/W	-20°C~40°C	8Years	45W	30°,40°,60°,80°
	Warm White	2700K	3000K	730LM	>80	12-24V AC/DC	13W		>55LM/W	-20°C~40°C	8Years	45W	30°,40°,60°,80°

* The lifespan is defined by average 6 working hours daily(7days per week).

SPD22A for PAR20/AR111 with G53 base- Light Source Test Report (XBD)





Color Parameters:

Chromaticity Coordinate:x=0.4513 y=0.4106/u'=0.2570 v'=0.5261

Tc=2824K Dominant WL:Ld=583.3nm Purity=58.7% Centroid WL:595.0nm

Ratio:R=25.8% G=72.0% B=2.1% Peak WL:Lp=605.0nm HWL:129.3nm

Render Index:Ra=82.2

R1 =81	R2 =91	R3 =97	R4 =78	R5 =80	R6 =88	R7 =83	
R8 =60	R9 =11	R10=77	R11=76	R12=67	R13=83	R14=99	R15=74

Photo Parameters:

Flux: 730.14 lm Fe: 2.2576 W Efficacy:56.51 lm/W

LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U=24.54V I=0.5830A P=12.92W PF=0.9031

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=2599(G=3,D=52)

REF=25971(R=4) ϕ=-0.371% PMT: 27.8 centigrade [27.3]

24V