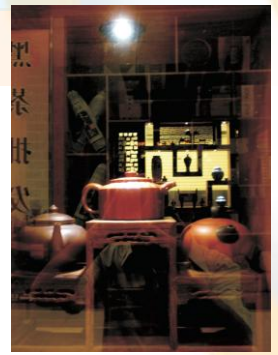


MR11 with GU04 base



SPD02A

Φ35 mmx39mm



2.5W RD04A = 25W Halogen lighting

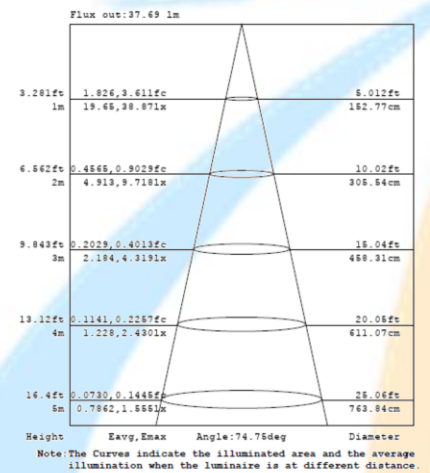
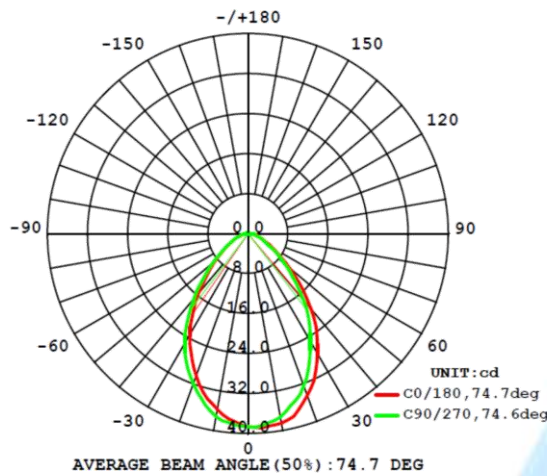
- 90% energy savings
- 1400% longer in life

Applications

- Stores display window
- Hotel, Retardant, Theaters spotlighting
- Public places spotlighting
- House decoration spotlighting

Features

- Compact size
- Soft and flicker free light.
- Expectation of life 50000 hours.
- No (UV) ultraviolet and (IR)infrared interference.
- Low operation temperature for safety

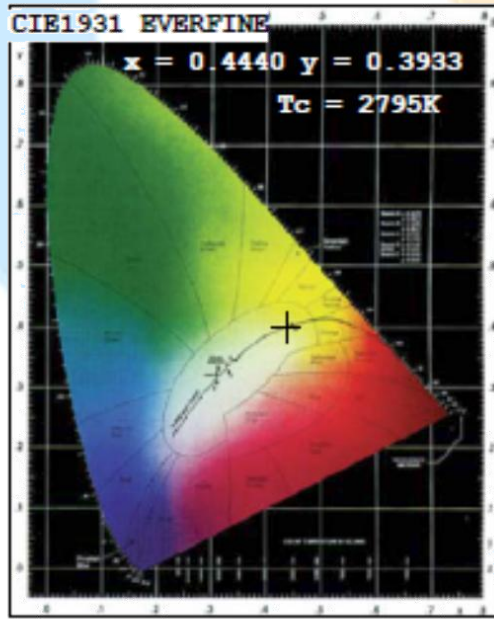
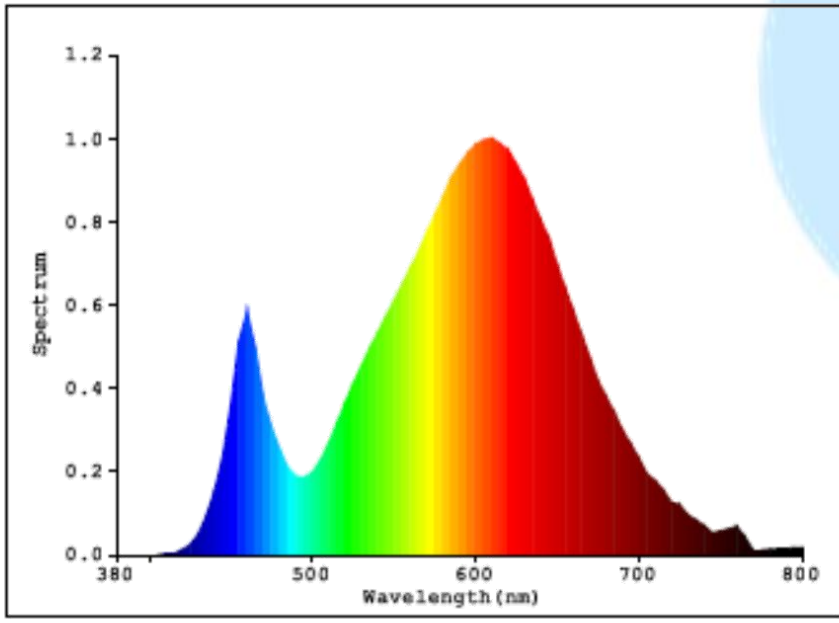


Performance Parameters

MR11	Light color type	Color temperature Min	Color temperature Max	Lumen (Cree SPE)	Color Rendering Index	Input Volt	Power	PF	Efficiency	Ambient Temperature	Lifespan *	Wattage equivalent	Beam angles	Dimension	Housing color
SD02A	Cool White	5000K	6000K	115LM	>70	12V AC/DC	2.5W	>0.9	>45LM/W	-20°C~40°C	8Years	25W	120°	f35X39mm	Silver white on top, rest black
GU04 base	Natural White	3800K	4500K	105LM	>75	12V AC/DC	2.5W	>0.9	>40LM/W	-20°C~40°C	8Years	25W	120°	f35X39mm	Silver white on top, rest black
	Warm White	2700K	3000K	98LM	>80	12V AC/DC	2.5W	>0.9	>40LM/W	-20°C~40°C	8Years	25W	120°	f35X39mm	Silver white on top, rest black

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

SPD02A for MR11 with GU04 base- Light Source Test Report (XPE)



Color Parameters:

Chromaticity Coordinate: $x=0.4440$ $y=0.3933$ / $u'=0.2600$ $v'=0.5181$
 $T_c=2795K$ Dominant WL: $L_d=585.7nm$ Purity= 51.3% Centroid WL: $596.0nm$
 Ratio: $R=26.4\%$ $G=71.2\%$ $B=2.5\%$ Peak WL: $L_p=610.0nm$ HWL: $131.8nm$
 Render Index: $R_a=82.3$
 R1 =82 R2 =93 R3 =95 R4 =76 R5 =81 R6 =89 R7 =81
 R8 =61 R9 =19 R10=81 R11=71 R12=70 R13=85 R14=98 R15=78

Photo Parameters:

Flux: 94.612 lm Fe: 0.30898 W Efficacy: 42.04 lm/W
 LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U= $11.76V$ I= $0.2546A$ P= $2.250W$ PF= 0.7518

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$ $I_p=501(G=3,D=54)$
 REF= $3456(R=4)$ $\%=-0.657\%$ PMT: 30.6 centigrade [29.6]