

# PAR16 with GU10 base



**SPD 18B**

Φ50mm, Height 80mm  
Net weight: 0.2 lbs

## Applications

- Indoor spot lighting
  - Jewelry display
  - Counter
- Outdoor spot lighting
  - Gardens
  - Corridor

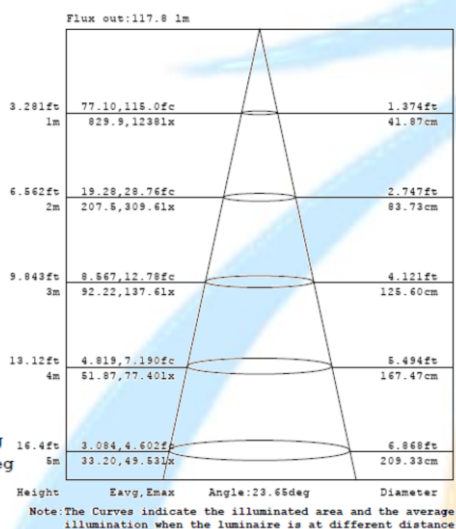
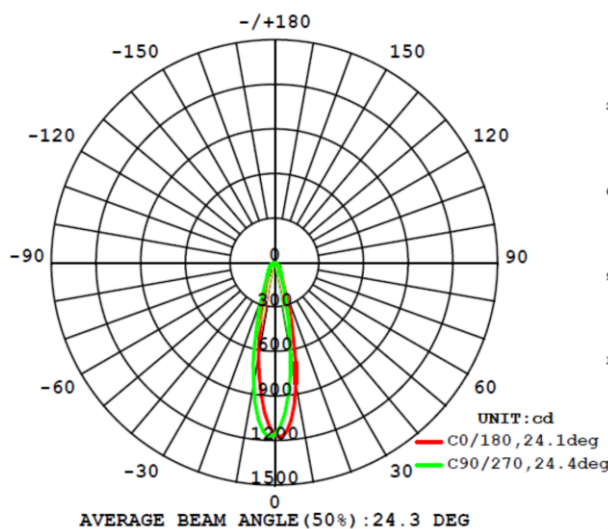
## Features

- Good heat dissipation
- High efficacy



**6.5W SPD 18A = 40W Halogen lighting**

- 84% energy savings
- 1400% longer in life

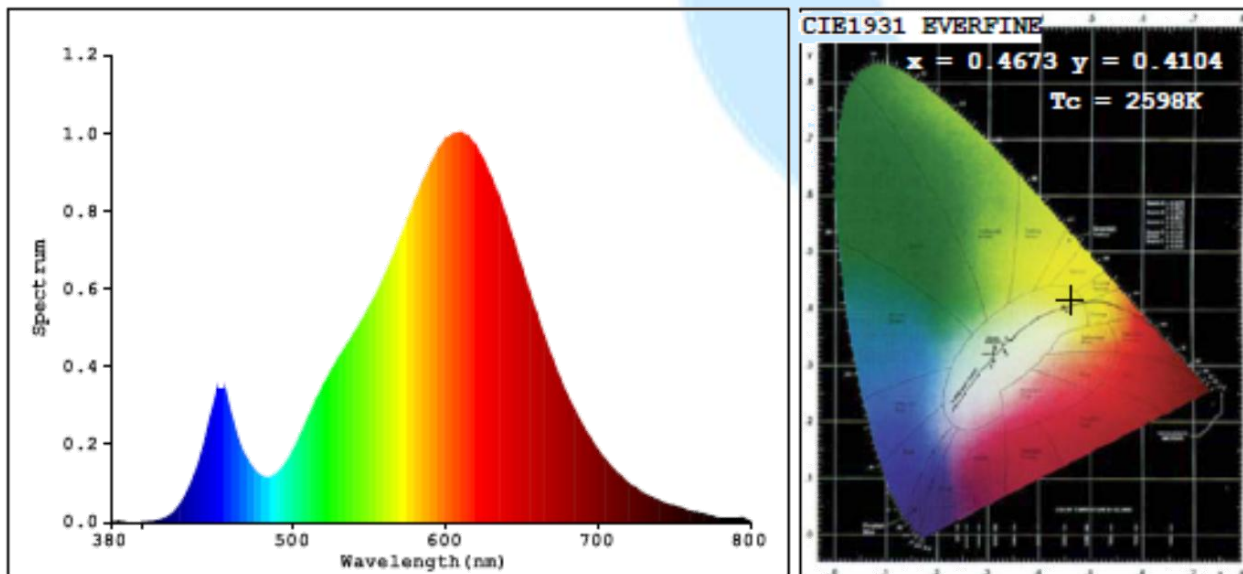


## Performance Parameters

PAR16	Light color type	Color temperature Min	Color temperature Max	Lumen (XT-E)	Color Rendering Index	Input Volt	Power	PF	Efficiency	Ambient Temperature	Lifespan*	Wattage equivalent	Beam angles	
SPD18B DIM	Cool White	5000K	6000K	460LM	>70	120/230V AC	6.5W	>0.7	>70LM/W	-20°C~40°C	8Years	40W	15°,30°,45°,60°	
GU10 base	Natural White	3800K	4500K	440LM	>75	120/230V AC	6.5W	>0.7	>65LM/W	-20°C~40°C	8Years	40W	15°,30°,45°,60°	
	Warm White	2700K	3000K	410LM	>80	120/230V AC	6.5W	>0.7	>60LM/W	-20°C~40°C	8Years	40W	15°,30°,45°,60°	
SPD18B non-dimmable	GU10 base	Cool White	5000K	6000K	480LM	>70	230V AC	6.5W	>0.7	>70LM/W	-20°C~40°C	8Years	40W	15°,30°,45°,60°
		Natural White	3800K	4500K	460LM	>75	230V AC	6.5W	>0.7	>70LM/W	-20°C~40°C	8Years	40W	15°,30°,45°,60°
		Warm White	2700K	3000K	430LM	>80	230V AC	6.5W	>0.7	>65LM/W	-20°C~40°C	8Years	40W	15°,30°,45°,60°

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

# SPD18B for PAR16 with GU10 base- Light Source Test Report (XTE)



## Color Parameters:

Chromaticity Coordinate:  $x=0.4673$   $y=0.4104$   $u'=0.2674$   $v'=0.5284$

$T_c=2598K$  Dominant WL:  $L_d=584.9nm$  Purity= $63.5\%$  Centroid WL:  $599.0nm$

Ratio:  $R=27.6\%$   $G=70.9\%$   $B=1.5\%$  Peak WL:  $L_p=610.0nm$  HWL:  $120.0nm$

Render Index:  $R_a=79.8$

R1 =78	R2 =89	R3 =96	R4 =76	R5 =77	R6 =85	R7 =82	
R8 =56	R9 =4	R10=73	R11=73	R12=65	R13=80	R14=98	R15=71

## Photo Parameters:

Flux:  $476.13$  lm  $F_e: 1.4807$  W Efficacy:  $61.72$  lm/W

LEVEL: WHITE:OUT

## Electrical Parameters:

Luminaire:  $U=227.2V$   $I=0.04765A$   $P=7.715W$   $PF=0.7127$

## Instrument Status:

Scan Range:  $380.0nm-800.0nm$  Interval:  $5.0nm[0]$   
REF= $17022$  (R=4)  $\%=-0.355\%$

$I_p=1524$  (G=3, D=53)  
PMT:  $27.9$  centigrade [ $27.4$ ]