

# R20 with E26/E27 base



**RD04A**

Φ64 mmx96mm



**6.5W RD04A = 80W Incandescent lighting**

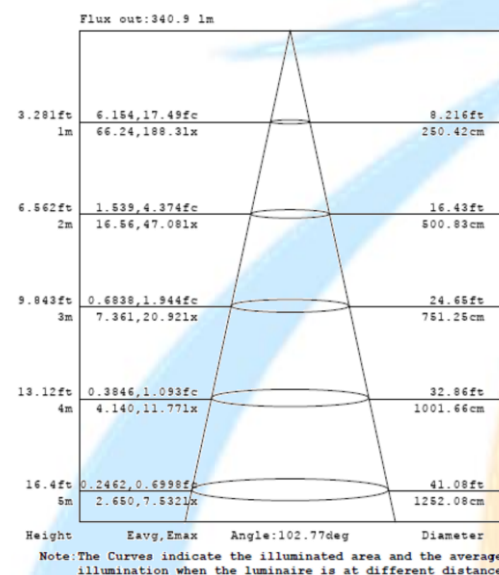
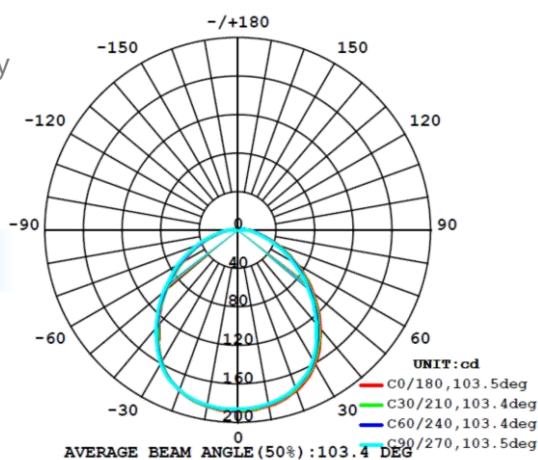
- 89% energy savings
- 1400% longer in life

## Applications

- Household
- Indoor public/commercial facility
- Lobby
- Hall way

## Features

- High output lumen
- High efficacy
- High CRI

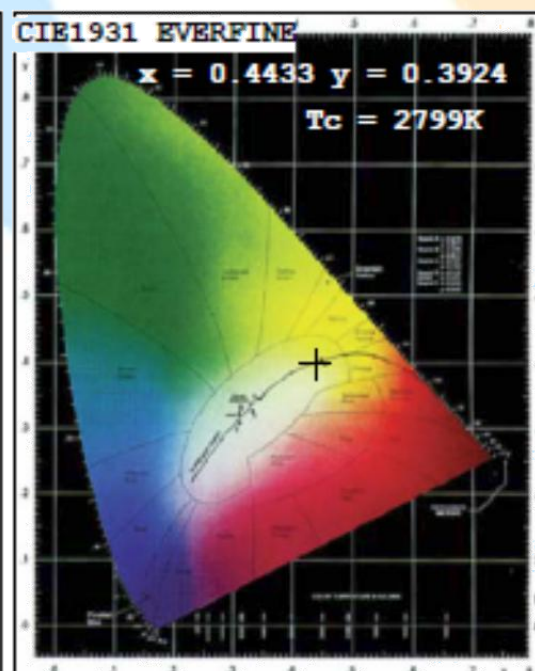
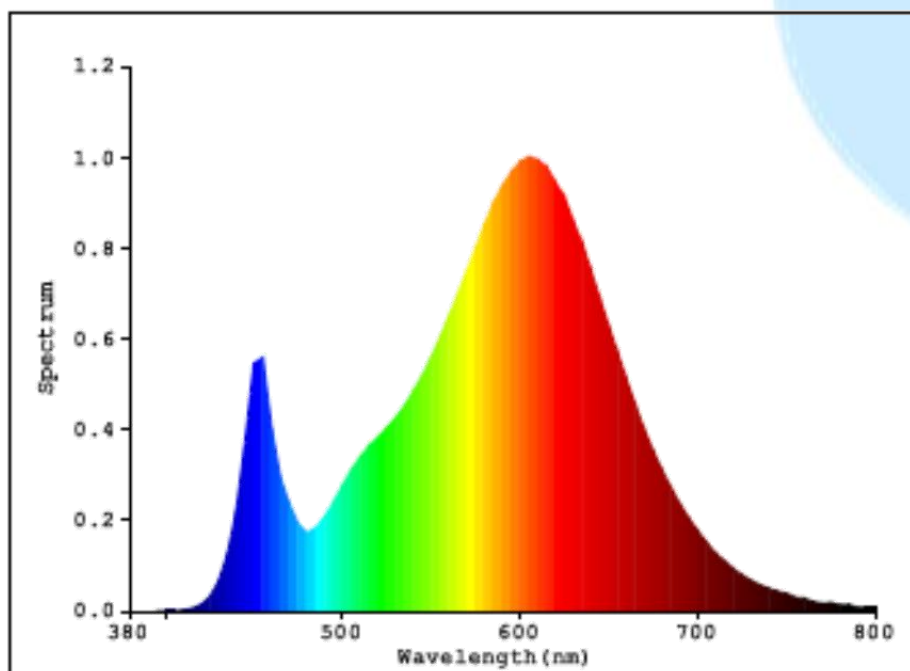


## Performance Parameters

R20	Light color type	Color temperature Min	Color temperature Max	Lumen (SSH)	Color Rendering Index	Input Volt	Power	PF	Efficiency	Ambient Temperature	Lifespan*	Wattage equivalent	Beam angles
RD04A 6.5W non-dimmable E26/ E27 base	Cool White	5000K	6000K	530LM	>80	230V AC	6.5W	>0.9	>80LM/W	-20°C~40°C	8Years	80W	103° (50%)
	Natural White	3800K	4500K	520LM	>80	230V AC	6.5W	>0.9	>80LM/W	-20°C~40°C	8Years	80W	103° (50%)
	Warm White	2700K	3000K	480LM	>80	230V AC	6.5W	>0.9	>70LM/W	-20°C~40°C	8Years	80W	103° (50%)
RD04A 6.5W dimmable E26/ E27 base	Cool White	5000K	6000K	600LM	>80	120/230V AC	6.5W	>0.9	>90LM/W	-20°C~40°C	8Years	80W	103° (50%)
	Natural White	3800K	4500K	580LM	>80	120/230V AC	6.5W	>0.9	>90LM/W	-20°C~40°C	8Years	80W	103° (50%)
	Warm White	2700K	3000K	560LM	>80	120/230V AC	6.5W	>0.9	>85LM/W	-20°C~40°C	8Years	80W	103° (50%)
RD04A 8.5W non-dimmable E26/ E27 base	Cool White	5000K	6000K	730LM	>80	230V AC	8.5W	>0.9	>85LM/W	-20°C~40°C	8Years	80W	103° (50%)
	Natural White	3800K	4500K	740LM	>80	230V AC	8.5W	>0.9	>85LM/W	-20°C~40°C	8Years	80W	103° (50%)
	Warm White	2700K	3000K	700LM	>80	230V AC	8.5W	>0.9	>80LM/W	-20°C~40°C	8Years	80W	103° (50%)

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

# RD04A for R20 with E26/E27 base- Light Source Test Report (SSH)



## Color Parameters:

Chromaticity Coordinate:  $x=0.4433$   $y=0.3924$   $u'=0.2599$   $v'=0.5177$

$T_c=2799K$  Dominant WL:  $L_d=585.8nm$  Purity= $50.8\%$  Centroid WL:  $594.0nm$

Ratio:  $R=26.4\%$   $G=71.3\%$   $B=2.3\%$  Peak WL:  $L_p=605.0nm$  HWL:  $118.5nm$

Render Index:  $R_a=81.9$

R1 =81	R2 =93	R3 =94	R4 =78	R5 =82	R6 =91	R7 =80	
R8 =58	R9 =11	R10=84	R11=77	R12=76	R13=84	R14=97	R15=75

## Photo Parameters:

Flux:  $568.78$  lm Fe:  $1.8013$  W Efficacy:  $87.94$  lm/W

LEVEL: WHITE:OUT

## Electrical Parameters:

Luminaire:  $U=118.4V$   $I=0.06066A$   $P=6.467W$  PF= $0.9002$

### Instrument Status:

Scan Range:  $380.0nm-800.0nm$  Interval:  $5.0nm[0]$   
REF= $21004$  (R=4)  $\pm=-0.201\%$

$I_p=2729$  (G=3, D=53)  
PMT:  $27.9$  centigrade [26.8]