

R30 with E26/E27 base



RD02B

Φ93mmx151mm



9W RD02B = 60W Incandescent lighting

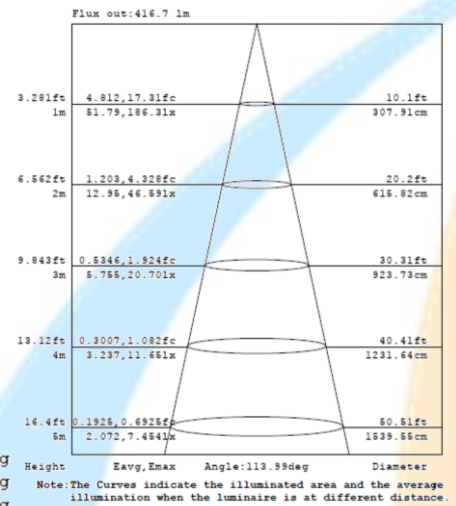
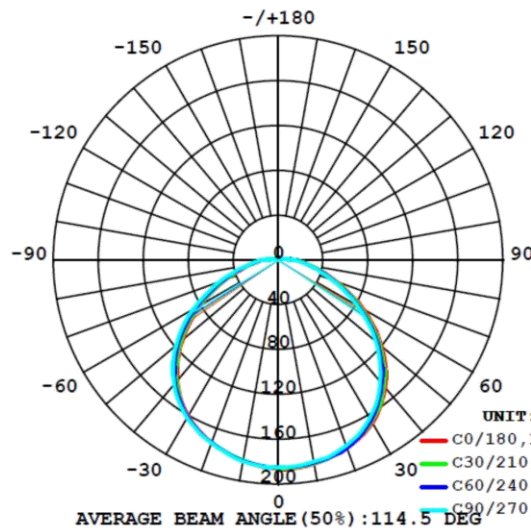
- 85% energy savings
- 1400% longer in life

Applications

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

Features

- Ceramic base, frosted glass shell for soft and cozy light
- Reflection-type glass shell for high efficiency light output
- Dimmable



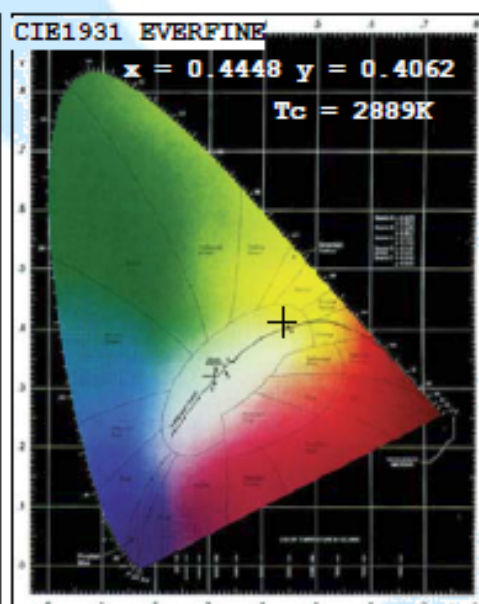
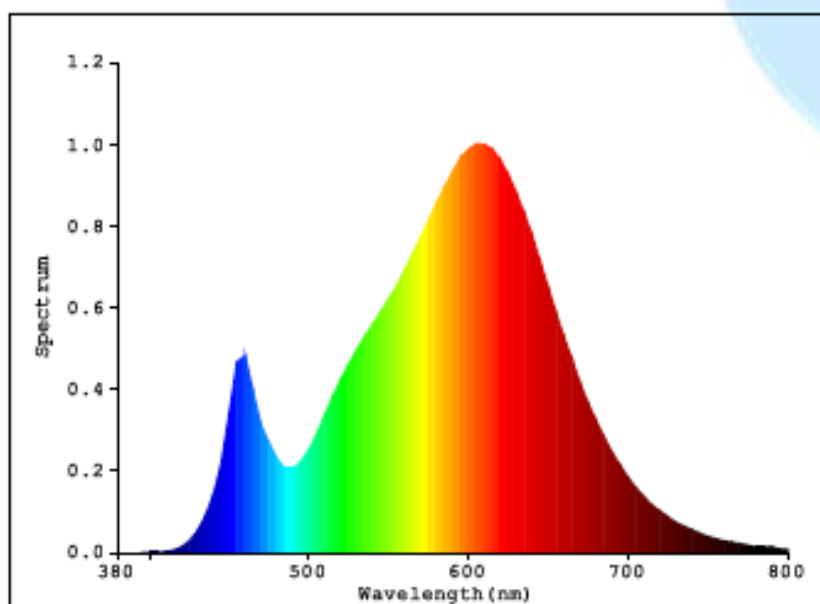
Performance Parameters

R30	Light color type	Color temperature Min	Color temperature Max	Lumen	Color Rendering Index	Input Volt	Power	PF	Efficiency	Ambient Temperature	Lifespan*	Wattage equivalent	Beam angles	Dimension	Housing color
RD02B non-dimmable (Cree XBD)	Cool White	5000K	6000K	720LM	>70	230V AC	9W	>0.9	>80LM/W	-20°C~40°C	8Years	60W	115° (50%)	Φ93X151mm	Matte Silver
E26/ E27 base	Natural White	3800K	4500K	700LM	>75	230V AC	9W	>0.9	>75LM/W	-20°C~40°C	8Years	60W	115° (50%)	Φ93X151mm	Matte Silver
	Warm White	2700K	3000K	610LM	>80	230V AC	9W	>0.9	>65LM/W	-20°C~40°C	8Years	60W	115° (50%)	Φ93X151mm	Matte Silver
RD02B dimmable (Cree XBD)	Cool White	5000K	6000K	700LM	>70	120/230V AC	9W	>0.9	>75LM/W	-20°C~40°C	8Years	60W	115° (50%)	Φ93X151mm	Matte Silver
E26/ E27 base	Natural White	3800K	4500K	680LM	>75	120/230V AC	9W	>0.9	>75LM/W	-20°C~40°C	8Years	60W	115° (50%)	Φ93X151mm	Matte Silver
	Warm White	2700K	3000K	590LM	>80	120/230V AC	9W	>0.9	>65LM/W	-20°C~40°C	8Years	60W	115° (50%)	Φ93X151mm	Matte Silver
RD02B dimmable (SSH)	Cool White	5000K	6000K	710LM	>80	120/230V AC	9W	>0.9	>80LM/W	-20°C~40°C	8Years	60W	115° (50%)	Φ93X151mm	Matte Silver
E26/ E27 base	Natural White	3800K	4500K	720LM	>80	120/230V AC	9W	>0.9	>80LM/W	-20°C~40°C	8Years	60W	115° (50%)	Φ93X151mm	Matte Silver
	Warm White	2700K	3000K	660LM	>80	120/230V AC	9W	>0.9	>70LM/W	-20°C~40°C	8Years	60W	115° (50%)	Φ93X151mm	Matte Silver

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

RD02B for R30 with E26/E27 base - Light Source Test Report (SMD)

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4448$ $y=0.4062$ / $u'=0.2547$ $v'=0.5234$

$T_c=2889K$ Dominant WL: $\lambda_d=583.4nm$ Purity=55.4% Centroid WL: 593.0nm

Ratio: R=25.6% G=72.1% B=2.3% Peak WL: $\lambda_p=605.0nm$ HWL: 131.8nm

Render Index: $R_a=83.2$

R1 =82	R2 =92	R3 =97	R4 =79	R5 =81	R6 =89	R7 =84	
R8 =62	R9 =15	R10=80	R11=77	R12=68	R13=84	R14=99	R15=76

Photo Parameters:

Flux: 581.73 lm Fe: 1.8089 W Efficacy: 63.11 lm/W

LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U=118.7V I=0.07959A P=9.218W PF=0.9760

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]
REF=20697 (R=4) $\epsilon=-0.208\%$

$I_p=2409$ (G=3, D=52)
PMT: 26.9 centigrade [27.4]