



## LED POWER LAMP



### Quality Core Component

Excellent luminaire design to the core: starting with the LED packages themselves. These luminaires only use high quality SMD packages that have great quality and long life as backed by LM-80 reports. Quality inside the luminaires that shines from the outside.



### Energy Saving

The combination of high-efficacy LED components with excellent whole system design has SONARAY LED lighting achieving energy savings of 60% compared with traditional lighting sources.



### Convenient Maintenance

Universal lamp base in E27/E40 with internal driver design can directly replace a traditional light source, at ease maintenance.



### Desirable CRI

CRI 80 rendering for more clarity color appearance and natural visual appeal.



### Elegant Appearance

The elegant, white appearance design, suitable for a variety high-end indoor applications such as airport terminal building, commercial building reception hall, shopping center.



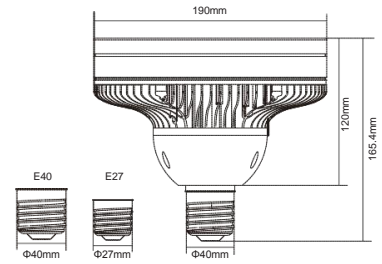
**SONARAY®**

# LED POWER LAMP 20W/30W/40W



### Specifications

Material: Aluminum  
 Housing Color: White  
 Beam Angle: 100°  
 Driver: Built-in  
 Power Factor: ≥ 0.9  
 Operating Temperature: -25°C~+45°C, -13°F~+113°F  
 Lifetime: ≥ 40,000hrs



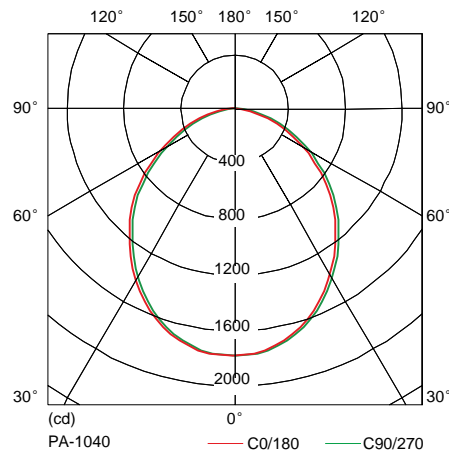
### IP20

Color Temperature



Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Input Voltage (V)	Lamp Base	Weight (kg/lb)
PA-1020	20	2000	100	5000	≥80	100-240	E40/E27	1.18/2.6
PA-1030	30	3000	100	5000	≥80	100-240	E40/E27	1.18/2.6
PA-1040	40	4000	100	5000	≥80	220-240	E40/E27	1.18/2.6

### Light Distribution Curve



### Illuminance Distribution

H(m)	E(lx)	D(cm)
1	1648	244
2	412	489
3	183	733
4	103	977
5	66	1222

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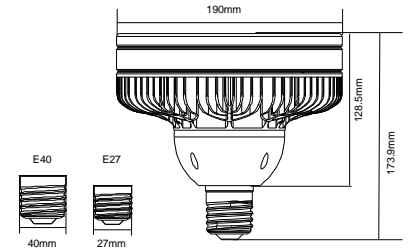


# LED POWER LAMP 60W



### Specifications

Material: Aluminum  
 Housing Color: White  
 Beam Angle: 100°  
 Driver: Built-in  
 Power Factor: ≥ 0.9  
 Operating Temperature: -25°C~+45°C, -13°F~+113°F  
 Lifetime: ≥ 40,000hrs



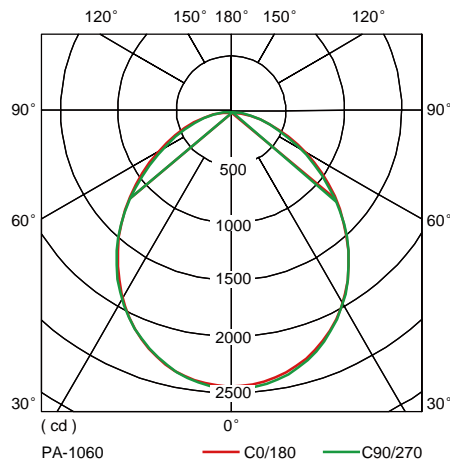
### IP20

Color Temperature



Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Input Voltage	Lamp Base	Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)	(V)		(kg/lb)
PA-1060	60	6000	100	5000	≥80	220-240	E40/E27	1.6/3.53

### Light Distribution Curve



### Illuminance Distribution

H(m)	E(lx)	D(cm)
1	2457	234
2	614	469
3	273	703
4	154	938
5	98	1172

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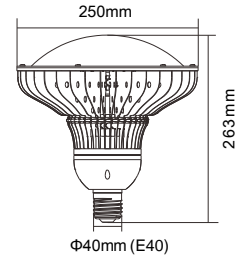


# LED POWER LAMP 60W



### Specifications

Material: Aluminum  
 Housing Color: White  
 Beam Angle: 110°  
 Driver: Built-in  
 Power Factor: ≥ 0.9  
 Operating Temperature: -25°C~+45°C, -13°F~+113°F  
 Lifetime: ≥ 40,000hrs



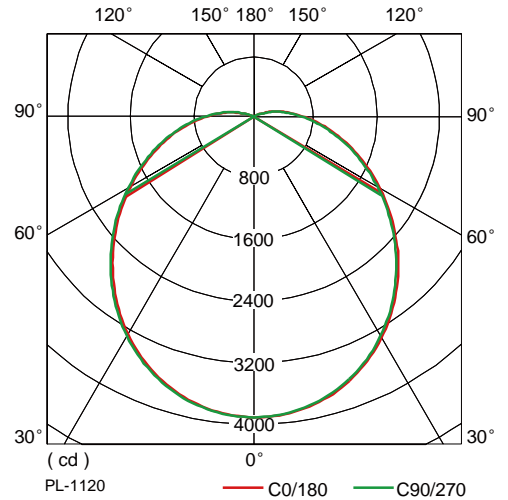
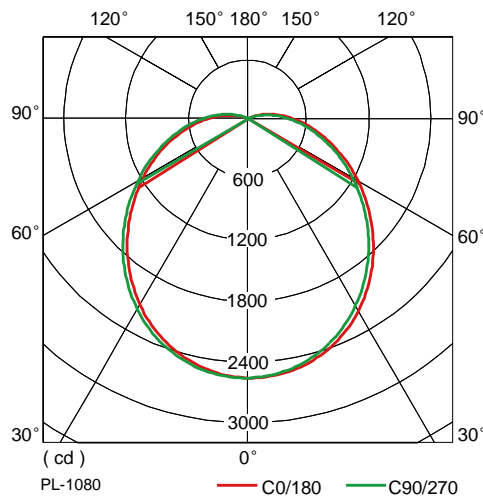
### IP20

Color Temperature



Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Input Voltage (V)	Lamp Base	Weight (kg/lb)
PA-1080	80	8560	107	5000	≥80	100-240	E40	1.71/3.77
PA-1120	120	14280	119	5000	≥80	100-240	E40	1.71/3.77

### Light Distribution Curve



### Illuminance Distribution

H(m)	E(lx)	D(cm)
1	2563	326
2	641	652
3	285	978
4	160	1034
5	103	1629
6	71	1955
7	52	2281
8	40	2607
9	32	2933
10	26	3259

H(m)	E(lx)	D(cm)
1	3907	326
2	977	652
3	434	979
4	244	1035
5	156	1631
6	109	1958
7	80	2285
8	61	2611
9	48	2937
10	39	3264

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