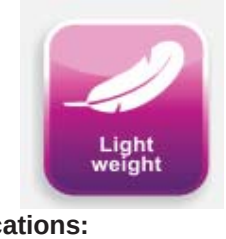
DEMASLED

LED LAMP

PAR 30-7W

High Efficient Cooling Fin

PAR30-7W



Applications:

Hotels, bars, cafes and shops, where there is higher demand for light coverage. This lamp is designed to replace the traditional lamps, saving energy up to 80%.

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Description:

The ceramic LED PAR light is designed specifically as an energy-saving and for replace traditional bulbs. This lamp operates on AC85-265V, and can be inserted into any E26/E27 base. Engineering Ceramic material ensure that thermal conductivity and insulation. There are no hazardous waste materials and is RoHS compliant

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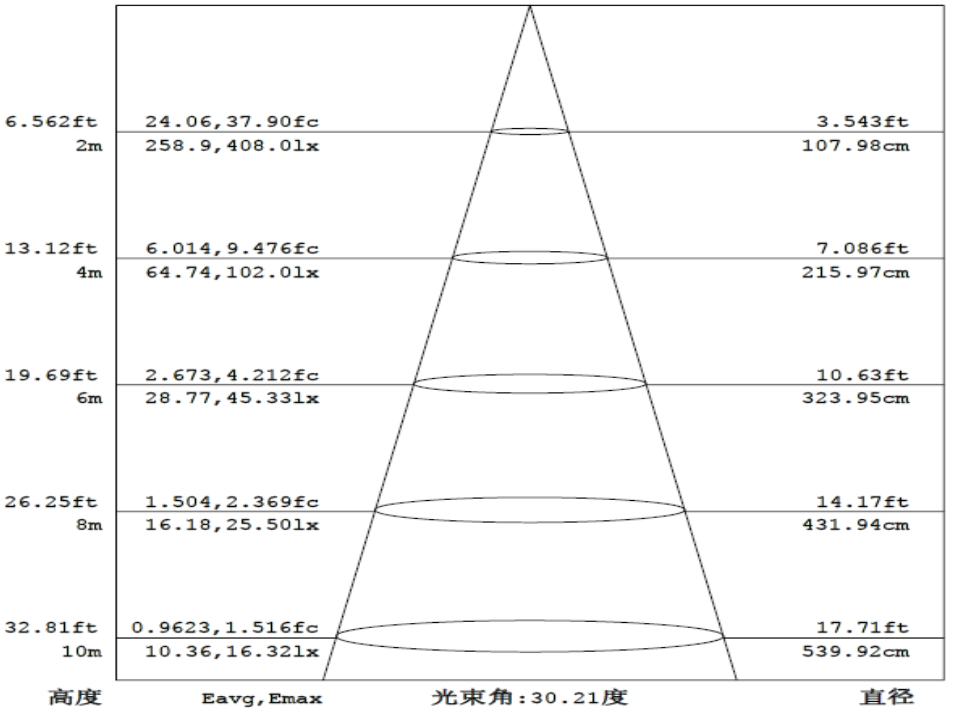
Technical Characteristics

Items	Technical Parameters
Model	CO-P210-7W(PAR30)
Input Voltage	AC85-265V 50-60 HZ
Led Power	7W
Lamp Power	7-8W
LED Type	EPISTAR
Luminous Flux LED	110LM/W
CRI	≥70
Lamp Effectiveness	>90%
Working Temperature	-40~60°
Ambient Humidity	10%~90%
Lamp Size	Φ95*96mm
N.W(kg)	0.16KG



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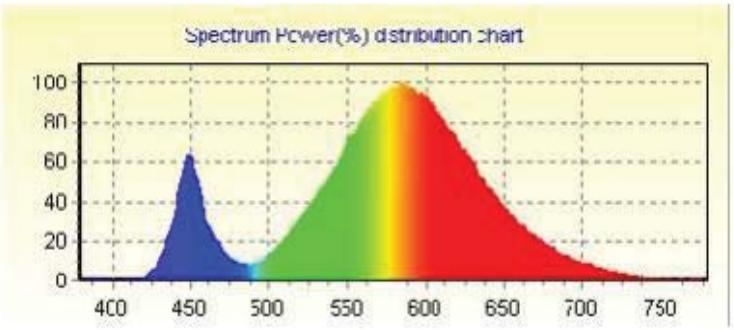
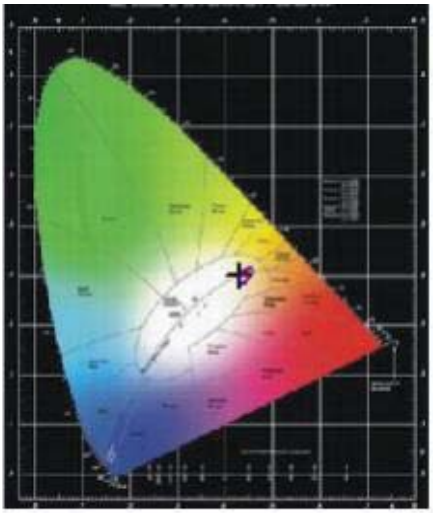
Testing System test report

curve of spectrum power distributing





Spectrum		Electrical		
λ (Peak):	584.3 nm	I(test):	1050 mA	
λ (Main):	581.8 nm	Vf:	220 V	
λ (Centroid):	539.0 nm	φv:	577.903 lm	
λ (Center):	495.0 nm	Efficiency:	77.053 lm/w	
BandWidth:	102.0 nm	P:	7.5w	
ColorTemp:	3153 K	PFC:		
CIE(x,y):	0.4283, 0.4035	R1:77.1	R2:75.2	R3:90.0
CIE(u,v):	0.2452, 0.3466	R4:54.5	R5:54.9	R6:72.3
Ra:	72.6	R7:73.5	R8:33.0	R9:-63.3
Purity:	0.497	R10:81.6	R11:80.8	R12:27.7
Light Power:	1621.4556 mw	R13:59.0	R14:94.1	R15:80.5

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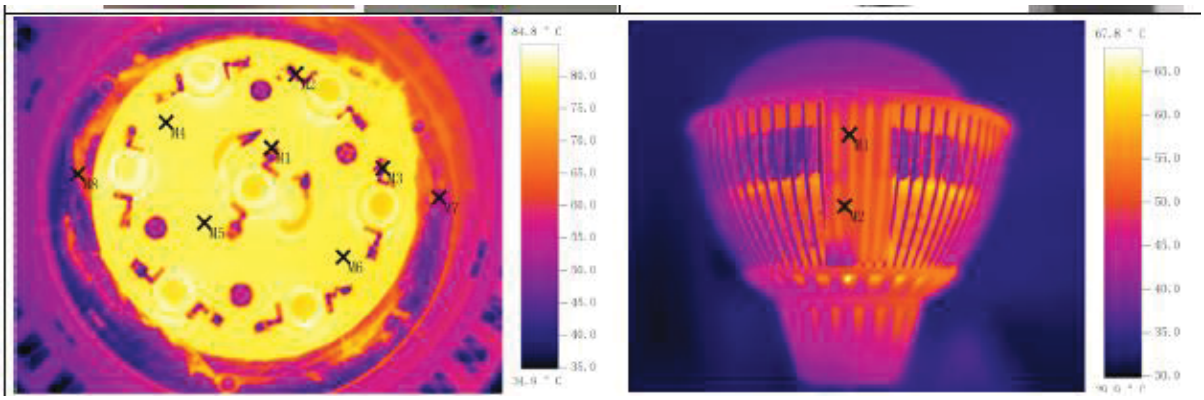
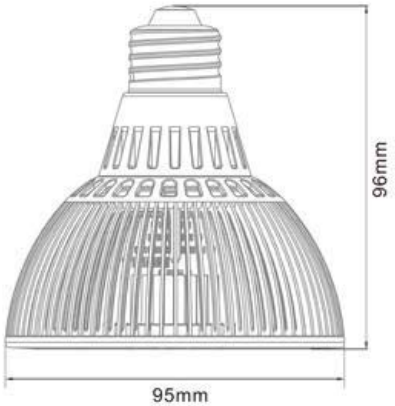
The Cooling Effectiveness Test



Measuring Object	Temperature[°C]	Radiation Rate	Reflective temperature[°C]	Remarks
Test point M1	63.3	0.95	20	Aluminum Base
Test point M2	60.7	0.95	20	Aluminum Base
Test point M3	54	0.95	20	Aluminum Base
Test point M4	52.3	0.95	20	Aluminum Base
Test point M5	60.9	0.95	20	Aluminum Base
Test point M6	56.8	0.95	20	Aluminum Base
Test point M7	54.2	0.95	20	Aluminum Base

Size of the lamp



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