



## SPECIFICATION FOR APPROVAL



Customer : \_\_\_\_\_  
Products Name : LED BR LAMP  
Our Model : LUM-BR20F02-7WDIM  
Customer model : \_\_\_\_\_

Approved by : \_\_\_\_\_

### ECR history

version	issue date	Description of amendment/additional
A		

## 1. Specification

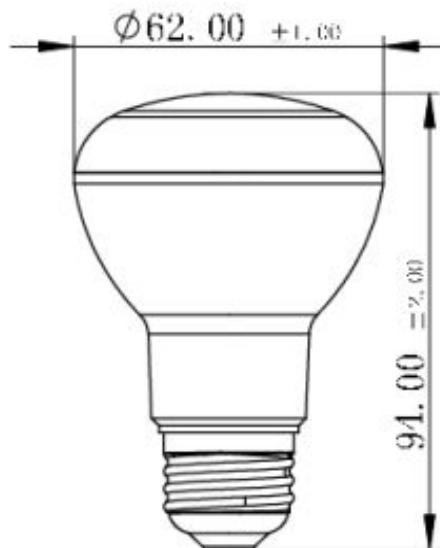
### 1-1. Environment

	Spec.			
	unit	Typical	min	max
Storage temp.	(degC)	25	-20	60
Operating temp.	(degC)	25	-20	40
Storage humidity	(%RH)	65%	10%	90%
Operating humidity	(%RH)	65%	10%	90%

### 1-2. Geometry Property

#### Dimension & Drawing of products

	Spec.			
	unit	Typical	min	max
Diameter	(mm)	62	61	63
Cut-Out	(mm)			
MOL	(mm)	94	92	96
Weight	(g)			
Base		E26		



### 1-3. Electrical Performance

	spec			
	unit	Typical	min	max
Consumption Power	(w)	7	6.30	7.70
Input Voltage	(v)	120	100	132
Input Current	(mA)			
Power Factor		0.9		
Frequency	(Hz)	60		
Starting time * for EU	(sec)	0.5		
THD	%	No		

1-4. LED Chip/Package information LED

LED Vender	SAMSUNG
model no.	5630
Number of LED per board	26

1-5. Photometric Performance

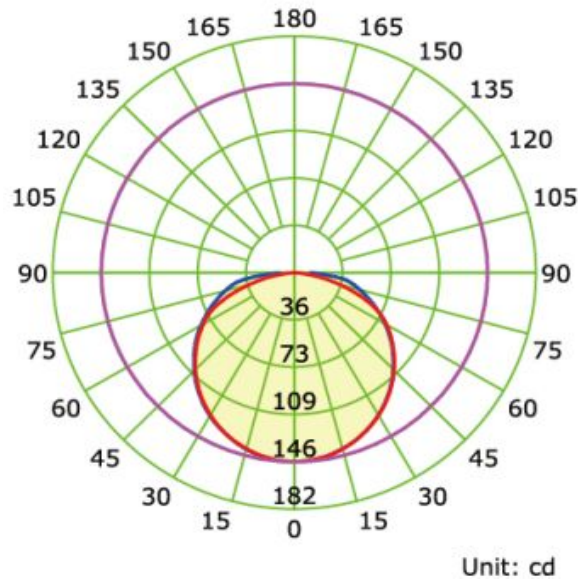
	unit	Spec.		
		Typical		
Color Temp.	(k)	3000	4000	5000
luminous flux (90deg cone) * for EU directional lamp	(lm)	530	560	560
total Luminus flux	(lm)	530	560	560
CBCP	(cd)			
CRI(Ra)	700	≥80		
Beam Angle	(deg)	90		
Efficiency	(lm/w)	76	80	80
Dimming		YES		

Tolerance ± 6 %

1-6. Lifespan

Lifetime(L70) at 25deg	(hours)	40000	@25℃
Switching Cycle	(times)	20000	30s on / 60s off

1-7. Light Distribution data / LED's Spectrum wave form



1-8. work in special fixture

enclosed (sealed) fixtures	(OK or N/A)	N/A
thermal-insulation fixtures	(OK or N/A)	N/A

1-9. compatibility for switch with indicator (Firefly switch)

compatible	(OK or N/A)	OK
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(330kΩ) for ~120V, (750kΩ) for ~230V, Pana\_FireFlySW x 2-parallel, work properly ~ for JPN. \* N/A- lamp w/transformer

## CERTIFICATE OF COMPLIANCE

**Certificate Number** 20150212-E465691  
**Report Reference** E465691-20150212  
**Issue Date** 2015-FEBRUARY-12

**Issued to:** Xiamen Candour Co Ltd  
A tower 18th Fl Sealight Bldg 33 Shuixian Rd  
Xiamen  
Fujian 361001 CHINA

**This is to certify that  
representative samples of**

LAMPS, SELF-BALLASTED, LIGHT-EMITTING-DIODE  
TYPE  
Self-Ballasted Lamps, LED type, Models CDA19201-07\*\*-  
26LD, CDA19201-10\*\*-26LD, CDA21201-12\*\*-26LD,  
CDP30201-12\*\*-\*\*26LD, CDP38201-16\*\*-\*\*26LD

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:**

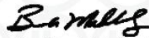
UL 1993, Self-Ballasted Lamps and Lamp Adapters  
UL 8750, Light Emitting Diode (LED) Equipment for Use  
in Lighting Products  
CSA-C22.2 No. 250.13, Light emitting diode (LED)  
equipment for lighting applications  
CSA-C22.2 No. 1993, Self-Ballasted Lamps and Lamp  
Adapters

**Additional Information:**

See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services

UL LLC

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contact a local UL Customer Service Representative at [www.ul.com/contactus](http://www.ul.com/contactus)



3.Pallatizing (drawing)

	Length (mm)	Width (mm)	Height (mm)	Weight (g)
giftbox	70	70	105	
Outer carton	370	370	225	
Unit weight with lamp				
Carton weight with full lamps inside				

For example ) Package configuration

