



## SPECIFICATION FOR APPROVAL



Customer : \_\_\_\_\_  
Products Name : LED PAR LAMP  
Our Model : LUM-PAR38L02-16WDIM  
Customer model : \_\_\_\_\_

Approved by :

### ECR history

version	issue date	Description of amendment/additional
A		

1. Specification

1-1. Environment

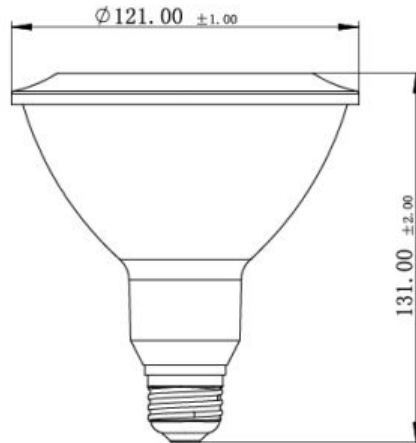
	unit	Spec.		
		Typical	min	max
Storage temp.	(degC)	25	-20	60
Operating temp.	(degC)	25	-20	40
Storage humidity	(%RH)	65%	10%	90%
Operating humidity	(%RH)	65%	10%	90%

1-2. Geometry Property

Dimension & Drawing of products

	unit	Spec.		
		Typical	min	max
Diameter	(mm)	121	120	122
Cut-Out	(mm)			
MOL	(mm)	131	129	133
Weight	(g)			
Base			E26	

Drawing If it's only drawing, need **tolerance**.



PAR38

1-3. Electrical Performance

	unit	spec		
		Typical	min	max
Consumption Power	(w)	16	14.4	17.6
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	LUMINUS
model no.	COB
Number of LED per boad	1

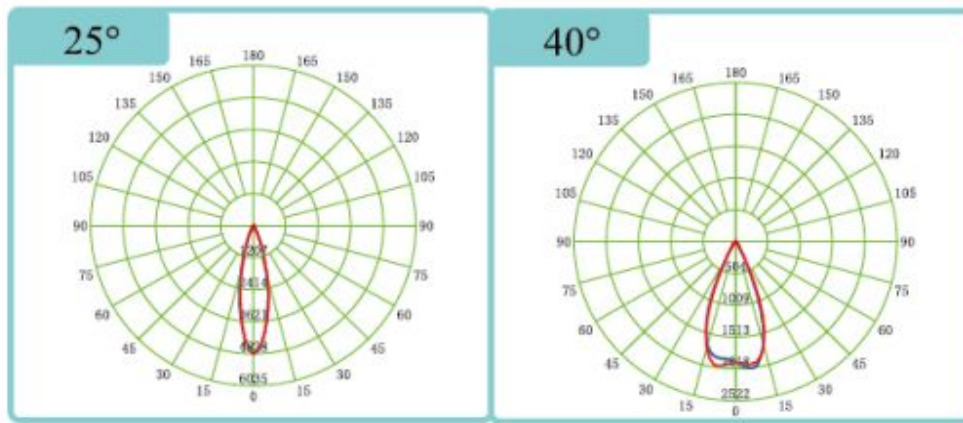
1-5. Photometric Performance

	unit	Spec.			Typical
		3000	4000	5000	
Color Temp.	(k)	3000	4000	5000	
luminous flux (90deg cone) - for EU directional lam	(lm)				
total Luminus flux	(lm)	1150	1180	1180	
CBCP	(cd)	4800/2800	4800/2800	4800/2800	
CRI(Ra)	700	≥80			
Beam Angle	(deg)	25/40			
Efficiency	(lm/w)	72	74	74	
Dimming		YES			
		Tolerance			± %

1-6. Lifespan

Lifetime(L70) at 25deg	(hours)	40000	(25°C) test
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 wtransformer

## 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 FI 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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3.Pallatizing (drawing)

	Length (mm)	Width (mm)	Height (mm)	Weight (g)
giftbox	125	125	155	
Outer carton	403	269	180	
Unit weight with lamp				
Carton weight with full lamps inside				

For example ) Package configuration

