



## SPECIFICATION FOR APPROVAL



Customer : \_\_\_\_\_  
Products Name : LED PL-L Light  
Our Model : LUM-PLL10P5H01-10W  
Customer model : \_\_\_\_\_

Approved by :

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ECR history

version	issue date	Description of amendment/additional		
A				

## 1. Specification

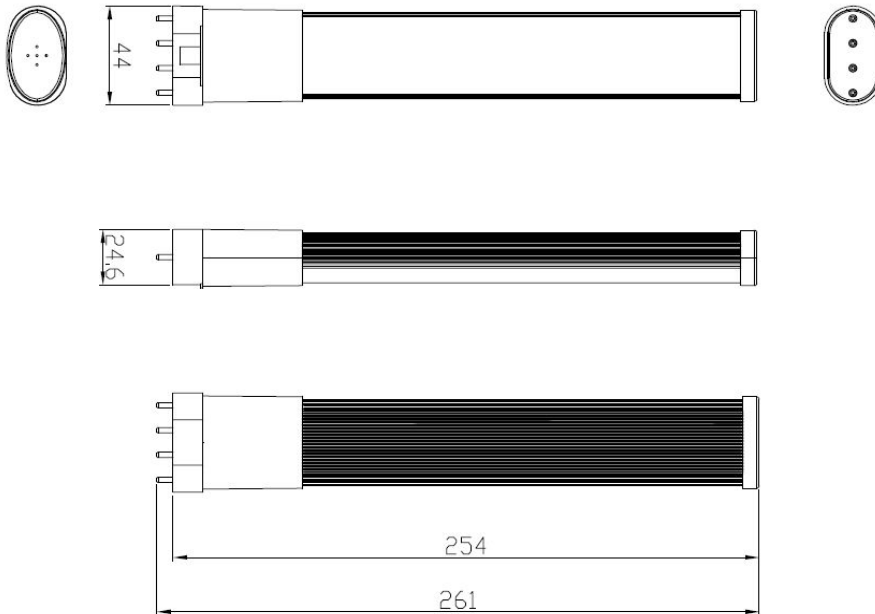
### 1-1. Environment

	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)	44	43	45
Cut-Out	(mm)			
MOL	(mm)	254	253	255
Weight	(g)			
Base		2G11		
Product Color		white/silvery		



### 1-3. Electrical Performance

	spec			
	unit	Typical	min	max
Consumption Power	(w)	10	9.0	11.0
Input Voltage	(v)	230	220	240
Input Current	(mA)			
Power Factor			0.9	
Frequency	(Hz)		50/60	
Starting time * for EU	(sec)		0.5	

1-4. LED Chip/Package information LED

LED Vender	Lextar/SAMSUNG
model no.	5630
Number of LED per board	20

1-5. Photometric Performance

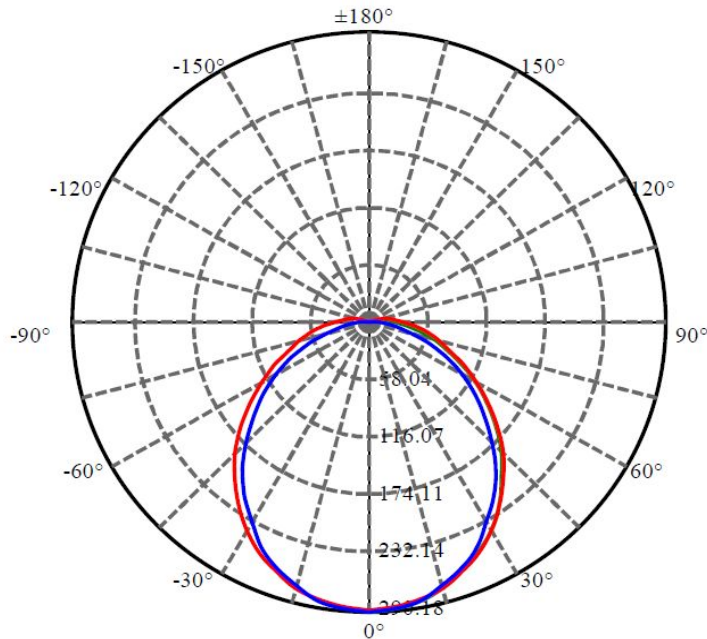
	unit	Spec.			
		Typical			
Color Temp.	(k)	3000	4000	5000	5000
luminous flux (90deg cone) * for EU directional lamp	(lm)	800	850	850	850
total Luminus flux	(lm)	800	850	850	850
CBCP	(cd)				
CRI(Ra)	700	≥80			
Beam Angle	(deg)	100			
Efficiency	(lm/w)	80	85	85	85
Dimming		NO			

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 Conformity

NO.: ED130607066E

The following products have been tested by us with the listed standards and found in conformity with the council EMC directive 2004/108/EC. It is possible to use CE marking to demonstrate the conformity with this EMC Directive.

Applicant : XIAMEN LUMIATECH LIGHTING CO., LTD.  
Address : No.99 Huizuo Road, Xin Yang Industrial Zone, Hai Cang District,  
Xiamen City  
Manufacturer : XIAMEN LUMIATECH LIGHTING CO., LTD.  
Address : No.99 Huizuo Road, Xin Yang Industrial Zone, Hai Cang District,  
Xiamen City  
EUT : PL-L lamp  
Trade Mark : N/A  
M/N : LUM-PLL9H01-10W, LUM-PLL10P5H01-10W,  
LUM-PLL13P5H01-14W, LUM-PLL16P5H01-19W,  
LUM-PLL20P5H01-21W  
Test Standards : EN55015: 2006+A1: 2007+A2: 2009  
EN61000-3-2: 2006+A1: 2009+A2: 2009  
EN61000-3-3: 2008  
EN61547: 2009



(Manager)

July 15, 2013

The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab. logo.

## Certificate of Conformity

NO.: ED130607066S

The following product has been tested by us with the listed standards and found in conformity with the council LVD directive 2006/95/EC. It is possible to use CE marking to demonstrate the conformity with this LVD Directive.

Applicant : XIAMEN LUMIATECH LIGHTING CO., LTD.  
Address : No. 99 Huizuo Raod, Xin Yang Industrial Zone, Hai Cang District, Xiamen City  
Manufacturer : XIAMEN LUMIATECH LIGHTING CO., LTD.  
Address : No. 99 Huizuo Raod, Xin Yang Industrial Zone, Hai Cang District, Xiamen City  
Trade Mark : N/A  
EUT : PL-L lamp  
M/N : LUM-PLL9H01-10W, LUM-PLL10P5H01-10W, LUM-PLL13P5H01-14W, LUM-PLL16P5H01-19W, LUM-PLL20P5H01-21W  
Technical Data : 170-250Vac, 50/60Hz, 160mA, 2G11.  
For model LUM-PLL9H01-10W and LUM-PLL10P5H01-10W: 10W;  
For model: LUM-PLL13P5H01-14W: 14W;  
For model: LUM-PLL16P5H01-19W: 19W;  
For model: LUM-PLL20P5H01-21W: 21W.  
Test Standards : EN 60968:1990 + A1:1993 + A2:1999  
EN 62031:2008



July 29, 2013

The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab. logo.

3.Pallatizing (drawing)

	Length (mm)	Width (mm)	Height (mm)	Weight (g)
giftbox	48	230	29	
Outer carton	265	245	272	
Unit weight with lamp				
Carton weight with full lamps inside				

For example ) Package configuration

(attach Photo here)

