



SPECIFICATION FOR APPROVAL



Customer : _____
Products Name : LED PL-L Light
Our Model : LUM-PLL16P5H01-19W
Customer model : _____

Approved by :

ECR history

version	issue date	Description of amendment/additional
A		

1. Specification

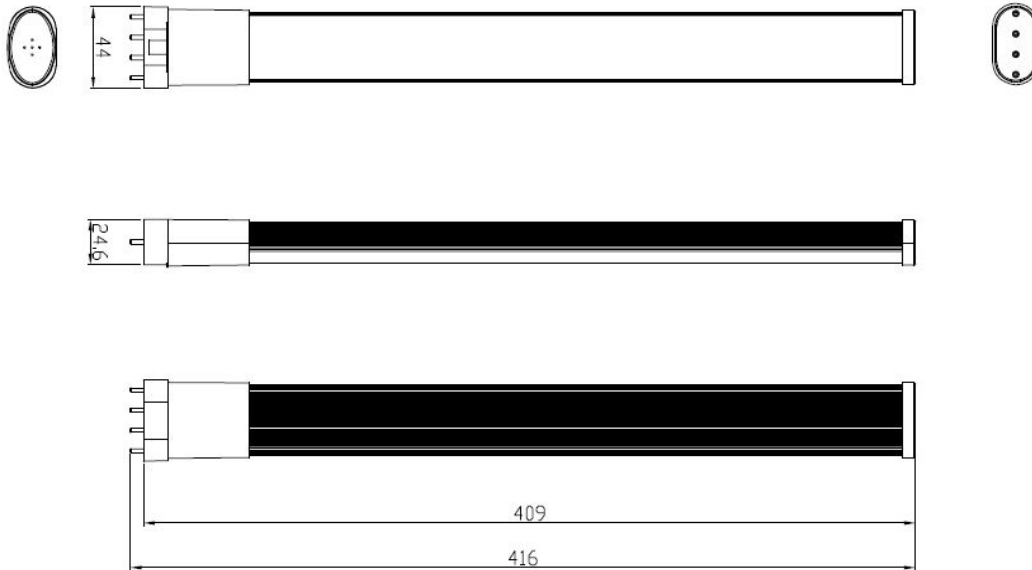
1-1. Environment

	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)	44	43	45
Cut-Out	(mm)			
MOL	(mm)	409	408	410
Weight	(g)			
Base			2G11	
Product Color		white/silvery		



1-3. Electrical Performance

	spec			
	unit	Typical	min	max
Consumption Power	(w)	19	17.1	20.9
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 boad	38

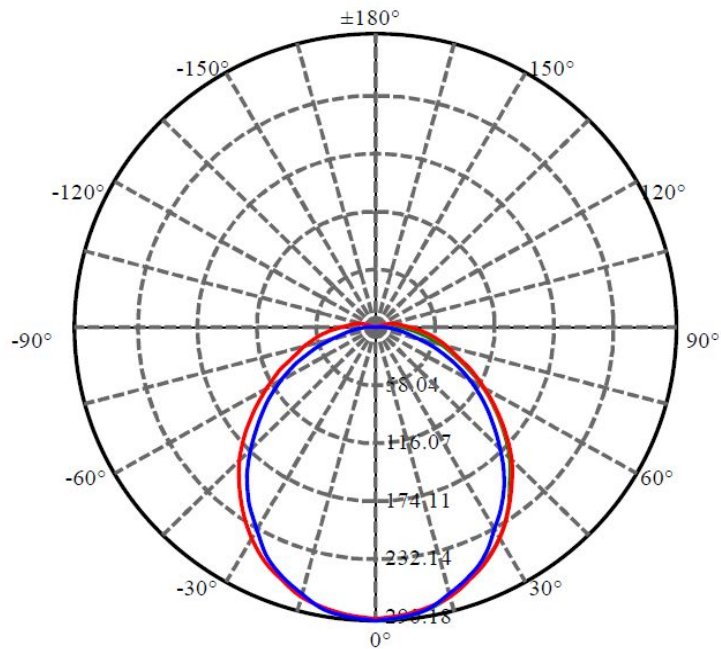
1-5. Photometric Performance

	unit	Spec.			
		Typical			
Color Temp.	(k)	3000	4000	5000	5000
luminous flux (90deg cone) * for EU directional lamp	(lm)				
total Luminus flux	(lm)	1500	1600	1600	1600
CBCP	(cd)				
CRI(Ra)	700	≥80			
Beam Angle	(deg)	100			
Efficiency	(lm/w)	79	84	84	84
Dimming		NO			
Tolerance ± 6 %					

1-6. Lifespan

Lifetime(L70) at 25deg	(hours)	40000	@25°C
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

2. Regulation Certification

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



(Manager)
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	420	29	
Outer carton	435	265	272	
Unit weight with lamp				
Carton weight with full lamps inside				

For example) Package configuration

