



SPECIFICATION FOR APPROVAL



Customer : _____
Products Name : LED T8 Tube
Our Model : LUM-T8H09-15W
Customer model : _____

Approved by :

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ECR history

version	issue date	Description of amendment/additional
A		

1. Specification

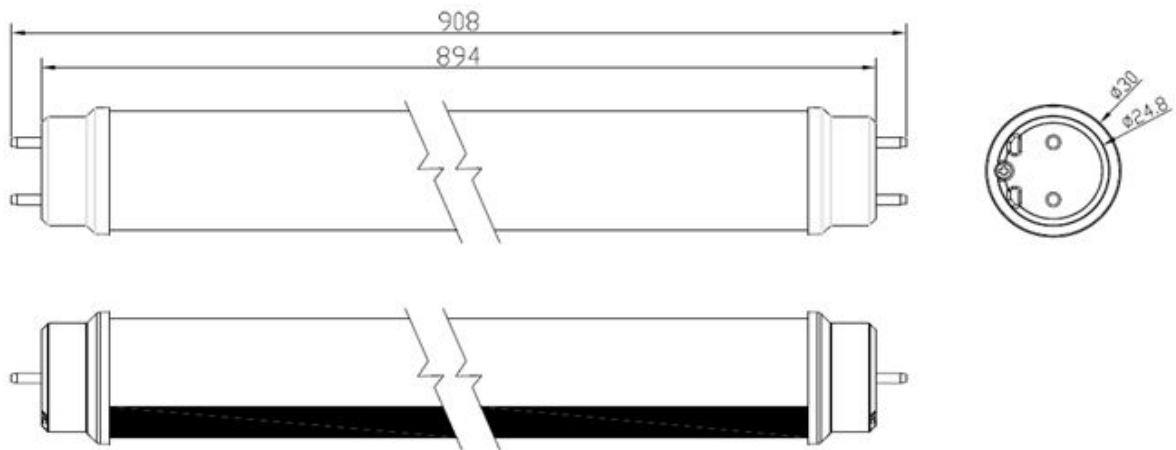
1-1. Environment

	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)	26.9	26.4	27.4
Cut-Out	(mm)			
MOL	(mm)	895	894	896
Weight	(g)	150	135	155
Base			G13	



1-3. Electrical Performance

	spec			
	unit	Typical	min	max
Consumption Power	(w)	15	13.5	16.5
Input Voltage	(v)	230	220	240
Input Current	(mA)	72	68	76
Power Factor		0.9		
Frequency	(Hz)	50/60		
Starting time * for EU	(sec)	0.5		
THD	%	/		

1-4. LED Chip/Package information LED

LED Vender	REFOND/CEC/NATIONSTAR
model no.	2835
Number of LED per board	66

1-5. Photometric Performance

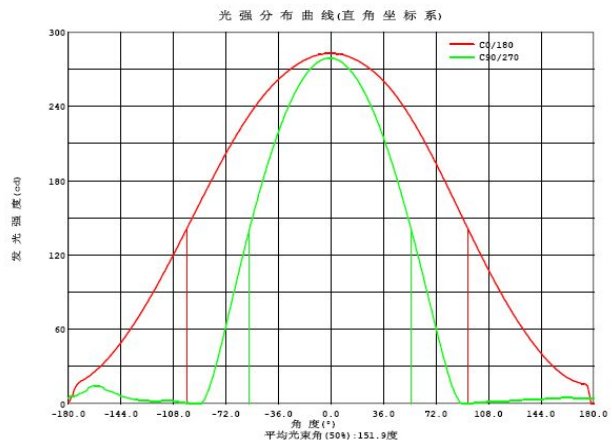
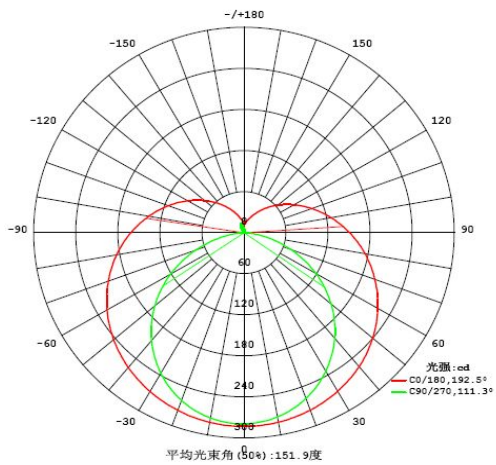
	unit	Spec.			
		Typical			
Color Temp.	(k)	3000	4000	5000	6500
luminous flux (90deg cone) * for EU directional lamp	(lm)	1440	1500	1500	1500
total Luminous flux	(lm)	1440	1500	1500	1500
CBCP	(cd)				
CRI(Ra)	700	≥80			
Beam Angle	(deg)	180			
Efficiency	(lm/w)	96	100	100	100
Dimming		NO			

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



C E R T I F I C A T E
of Conformity
EC Council Directive 2004/108/EC
Electromagnetic Compatibility

Registration No.: AE 50308623 0001

Report No.: 17046182 001

Holder: Xiamen Lumiatech Lighting
Co., Ltd.
No.99 Huizuo Road
Xin Yang Industrial Zone
Hai Cang District, Xiamen City
P.R. China

Product: LED-Lamp
(T8 LED Tubes)

Identification: Type Designation: LUM-T8H09-25W LUM-T8H09-18W
LUM-T8H09-15W LUM-T8H09-9W
Serial No. : n.a.
Remark: Refer to test report 17046182 001 for details.

Tested acc. to: EN 55015:2013
EN 61000-3-2:2006+A1+A2
EN 61000-3-3:2013
EN 61547:2009

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2004/108/EC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

 Certification Body
Johnny Lau

Date 15.04.2015

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may only be used if all relevant and effective EC Directives are complied with. **CE**

C E R T I F I C A T E



of Conformity
Low Voltage Directive 2006/95/EC

Registration No.: AN 50308766 0001

Report No.: 17045555 001

Holder: Xiamen Lumiatech Lighting
Co., Ltd.
No.99 Huizuo Road
Xin Yang Industrial Zone
Hai Cang District, Xiamen City
P.R. China

Product: Lamp
(LED tube)

Identification: Type Designation: LUM-T8H09-9W LUM-T8H09-15W
LUM-T8H09-18W LUM-T8H09-25W
(LMAT)
Serial No.: n.a.
Remark: Refer to test report 17045555 001 for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Certification Body



Date 17.04.2015

Tim Feng

Tim Feng

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with. **CE**

3.Pallatizing (drawing)

	Length (mm)	Width (mm)	Height (mm)	Weight (g)
giftbox				
Outer carton	1020	200	160	
Unit weight with lamp				
Carton weight with full lamps inside				

(For example) Package configuration

