



EnergyLED

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SPECIFICATION

PART NO. : TD25RG84P2P01

DC LIGHT TUBE
(4 ft)



Approved by

Checked by

Prepared by

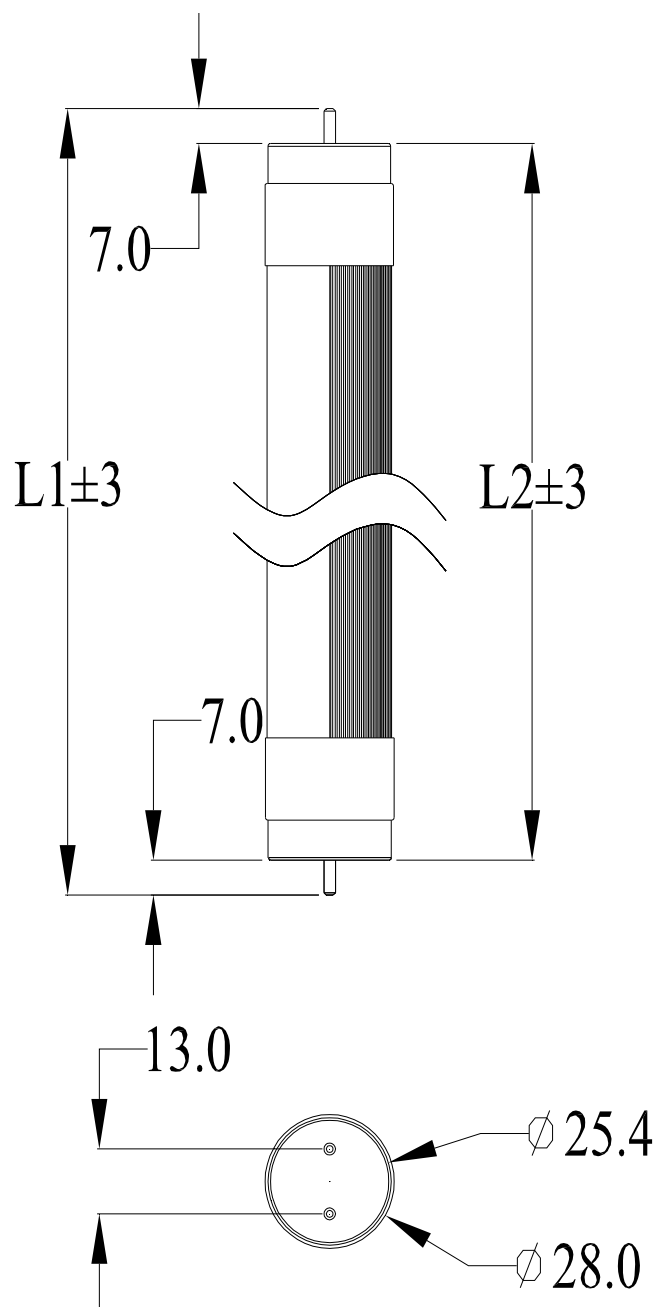
Jones

MODIFY RECORD

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**Dimensions:**

PART NO.	L1 ± 3.0 (mm) L1 ± 0.12 (inch)	L2 ± 3.0 (mm) L2 ± 0.12 (inch)
TD25RG84P2P01	1212.0 (47.72 inch)	1198.0 (47.17 inch)



1. All dimensions are in millimeters.
2. Tolerance is ± 0.5 mm(± 0.02 inch) unless otherwise noted.

**Absolute Maximum Ratings:**

DC input Range	48V
Weight	310g
Operating Temperature Range	-5 ~ +40°C
Storage Temperature Range	-30 ~ +60°C

Electrical and Optical Characteristics :

WHITE

PART NO.	Correlated Color Temperature (°K)		Condition (V)	Illuminance (LUX)		Luminous Flux (lm)		★Power Consumption (W)		
				@ 1m distance						
	5700K	+500K -400K	typ	min	typ	min	typ	min	typ	max
TD25RG84P2P01	BIN CODE	57K-A 57K-C 57K-E	DC 48V	200	260	640	800	7	9	11

Electrical and Optical Characteristics :

RED

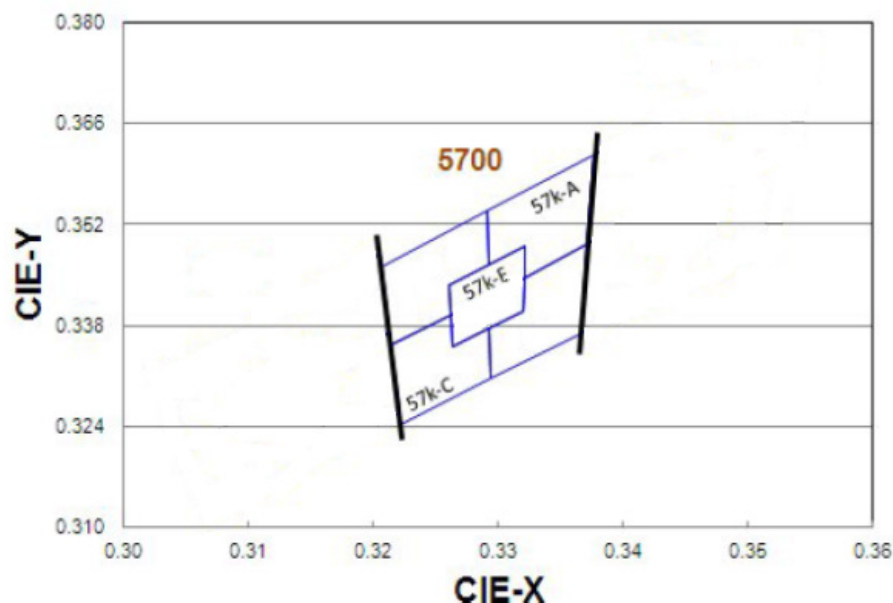
Parameter	Symbol	Condition	Values			Units
			Min.	Typ.	Max.	
Luminous Flux	Φ_v	DC=48V	130	160	-	lm
Efficiency	η	DC=48V	14	16	21	W
Dominant Wavelength	λ_d	DC=48V	650	660	670	nm

- Notes: 1. ★ The datas tested by IS Spectrum Actinograph(SPR920 Zhejiang);
 2. Customer's special requirements are also welcome.



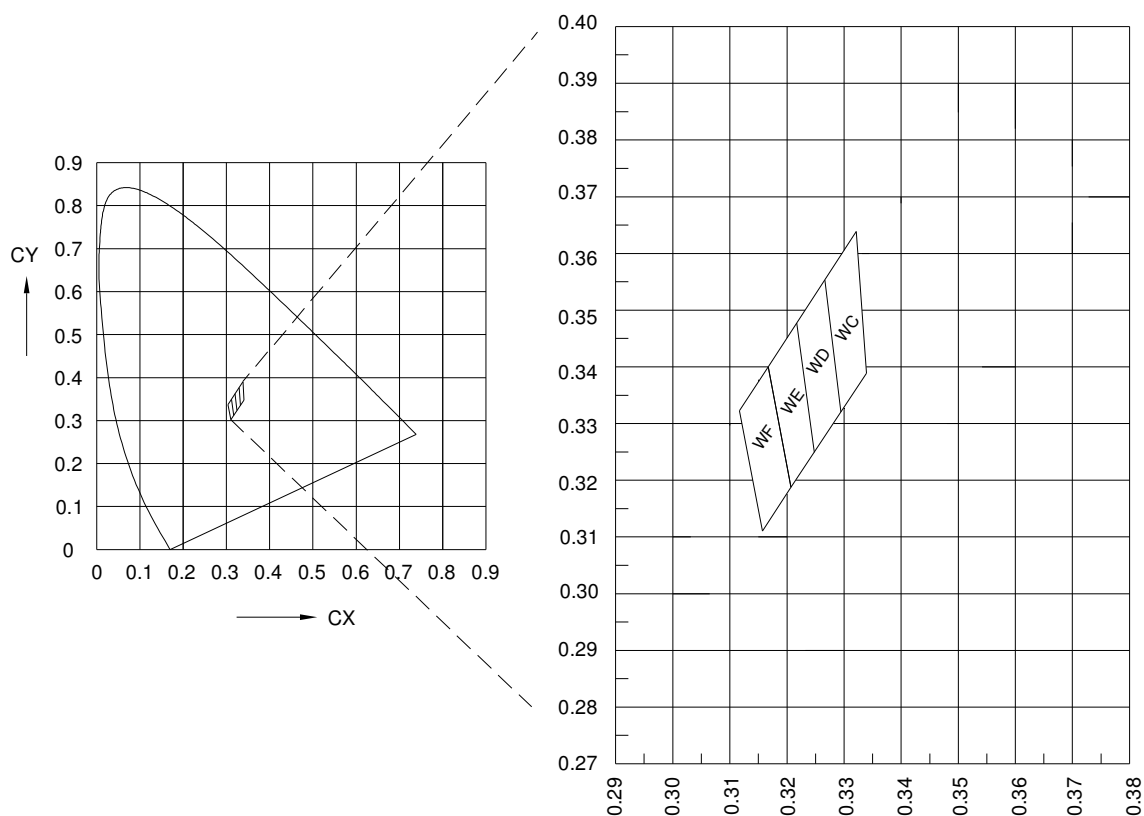
Chromaticity Coordinates Specifications for Bin Grading(CCT:5700K):

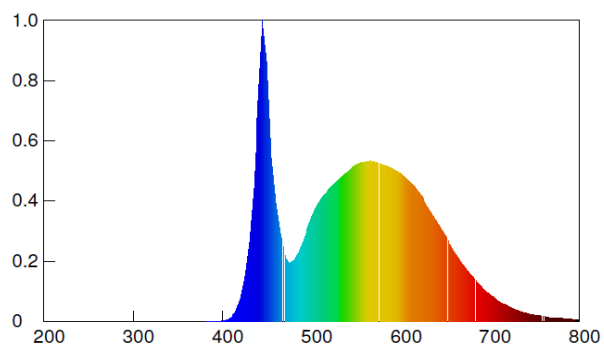
The C.I.E. 1931 Chromaticity Diagram



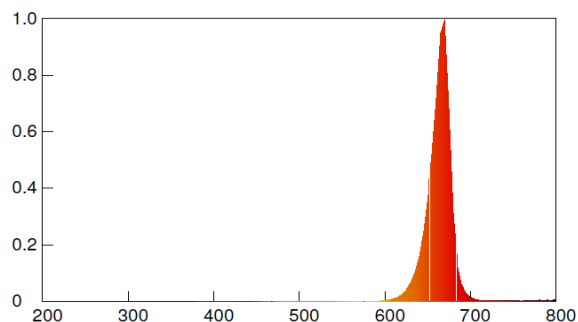
Note: X,Y Tolerance each Bin limit is ± 0.01 .

Chromaticity Coordinates & Bin grading diagram:



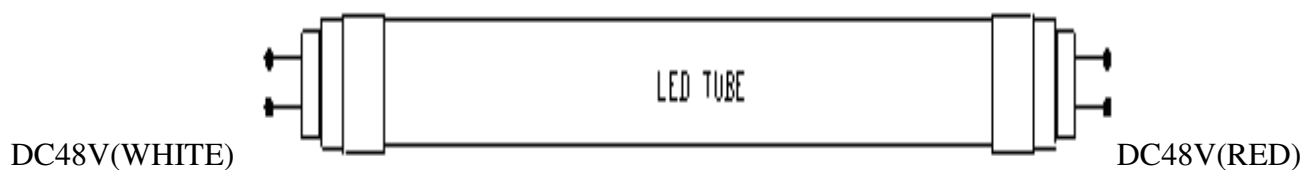


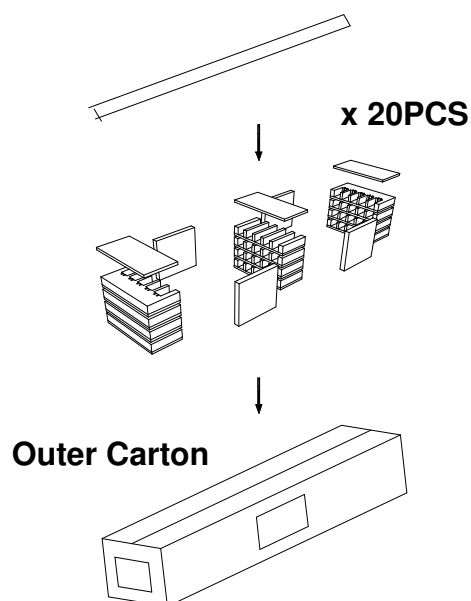
Spectral Distribution (nm) for 6000K



Spectral Distribution (660nm)

Standard accessories installation:



**Encased Type**

PART NO.	Input voltage	Input current	Power Consumption
TD25RG84P2P01 (RED)	DC48V	0.333A	16W
TD25RG84P2P01 (WHITE)	DC48V	0.1875A	9W

PART NO.	Quantity	L(mm)	W(mm)	H(mm)
TD25RG84P2P01	20 PCS	1343 (mm)	270 (mm)	224 (mm)

OUTTER CARTON