

# PRODUCT SPECIFICATION

**PRODUCT TYPE:** LED T5 Standard Tube : 25W : 150 cm

**MODEL NO:** TLS:T55:025



## LIGHT SPECIFICATIONS

overview table

Height	Φ 50%	120°	Lux Value
1 m	3.4 m		750 lux
3 m	10.3 m		85 Lux
5 m	17.3 m		30 Lux

Model	Color	Color Temp
TLS:T55:025C	Cool White	6000K
TLS:T55:025N	Natural White	4000K
TLS:T55:025W	Warm White	3000K
TLS:T55:025V	Extra Warm	2700K
Luminous Flux	Clear Cover	3700 Lumens
	Frosted Cover	3200 Lumens
CRI	85	
Beam Angle	120 Degrees	

ELECTRICAL SPECIFICATIONS	
Driver Input Voltage	AC85-260V
Watts	25W
LED Type	5630
LED Units	96
Output Voltage	38V
Output Current	700 mA
Rated Frequency	50/60Hz
Power Factor	95%
Conv. Efficiency	90%
THD	15%
Lifetime	50,000 hours

PHYSICAL SPECIFICATIONS	
Case Material	Aluminum Frame
Mask Material (C)	PC
Index of Protection	IP44
N.W.	0.385 kg
G.W.	0.500 kg
Dimensions	1510 X 25 Φ
Size Within Box (25 Pcs)	1550 X 290X 215 mm
Outer Box G.W.	14 kg
Other	
Adjustable or Non-Adjustable Cap	

### Applications:

- Direct Replacement for T5 Fluorescent highbay 56Watt Tube
- Locations: Offices, Households, Basements
- Indoor Lighting Use Only

### Benefits:

- Energy Efficient
- High Luminosity,
- Low Heat Light Source
- 3 year Warranty

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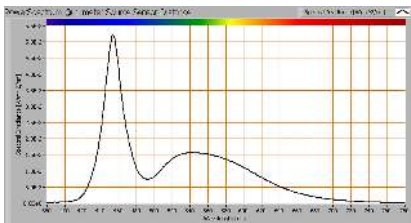
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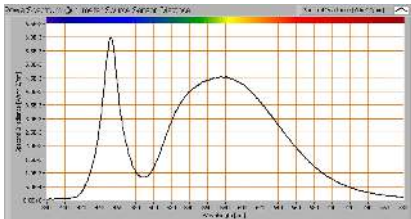
## Spectral Response Curve

Below are the spectral response graphs for: 6000K, 4000K, 3000K, 2700K

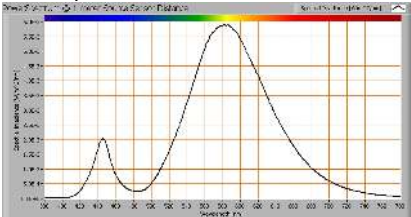
### Color Spectrum: Cool White 6000K



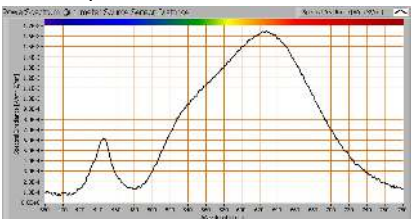
### Color Spectrum: Natural White 4000K



### Color Spectrum: WarmWhite 3200K

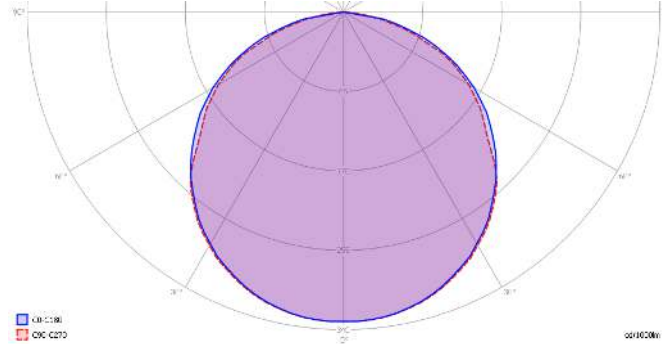


### Color Spectrum: Extra Warm 2700K



## Eulumdat light diagram

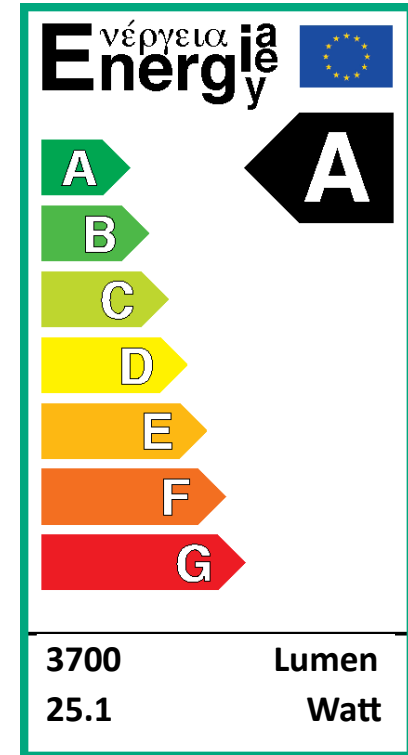
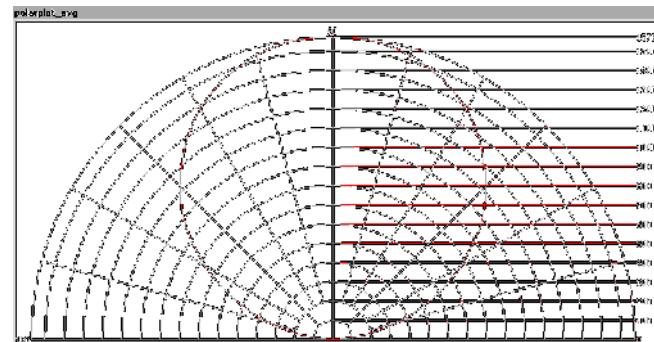
The light diagram indicates the beam in the C0-C180 plane (perpendicular to the length direction of the lamp), and the beam in the C90-C270 plane (in the longitudinal direction of the light-emitting surface, the same as in the longitudinal direction of the lamp).



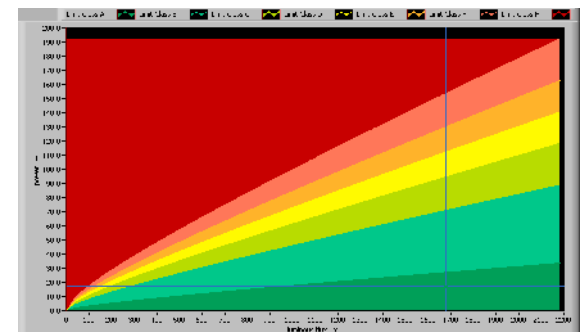
## Illuminance Ev at 1 m distance, or luminous intensity Iv

Herewith the plot of the average intensity ( $I_v$ ) depending on the inclination angle with the light bulb. All brightness measurements associated with one tilt angle, and from different angles, are average.

In this graph the luminous intensity in Cd read.



The lamps performance in the lumens per watt field, with energy efficacy field indicated.



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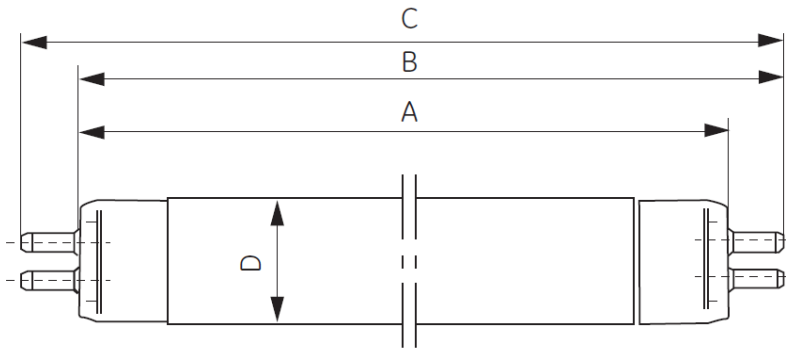
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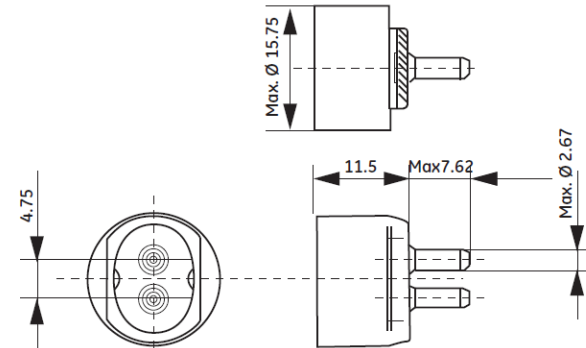


## Tube Dimensions & Packaging

- A: 1449 mm
- B: 1455 mm
- C: 1463 mm
- D: 17 mm



Cap-G5  
IEC 60061 Data sheets 7004-52-5



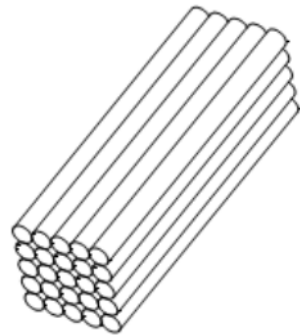
Dimensions measured on finished lamps

### Tube Packaging Details: 25 units

Box Dimensions:

Size : 1550 X 290 X 215 mm

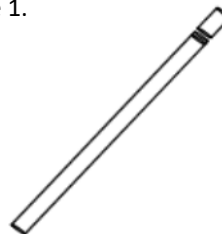
Weight: 11.5 Kgs



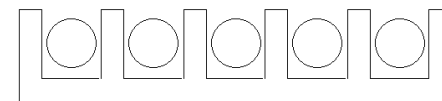
Packaging Material

- 1.) Sample Packaging: Tubes Are packed in individual cylinder shaped Box
- 2.) Project Packaging: Tubes are packed into the box with Foam Trays

Type 1.



Type 2.



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## Marking and Labels

Marking lasered on the product (Tube cap one side only )

<b>SMART LED</b>
Model : TLX:T52:035-X :
25W : AC85 - 265V MFG MM: DD:YY
SN : XXXX-XX-XXXXXX-XXXXX ( Use with external Driver Only )
Clear 6000K

Label on the Inner Box:

<b>Smart LED</b>	
LED Tube Light 120 cm	QTY: 1 Unit
Product Code: TLX:T52:035	N.W.
Power : 25W	Color: XXXX K
Input : AC 85-265V	
Protection Index: IP44	MFG: xx-xx-20xx
Complies to: IEC 60598-2-22 Ed3.2.	CE FCC RoHs

Label on the outer box:

<b>Smart LED</b>	
LED Tube Light 120 cm	QTY: 35 Units
Product Code: TLX:T52:035	N.W.
Power : 25W	Color: XXXX K
Input : AC 85-265V	
Protection Index: IP44	MFG: xx-xx-20xx
Complies to: IEC 60598-2-22 Ed3.2.	CE FCC RoHs
SN: XXXX-XX-XXXXXX-XXXXX - ( xxxxx)	