




PRODUCT OVERVIEW

PRODUCT TYPE: LED T8 TUBE : 25W: 120 cm

MODEL NO: TLS:T85:025

Lux overview table

height	Φ 50%	120 °	lux value
1 m	3.4 m		850 lux
3 m	10.3 m		95 Lux
5 m	17.3 m		40 Lux

APPLICATION

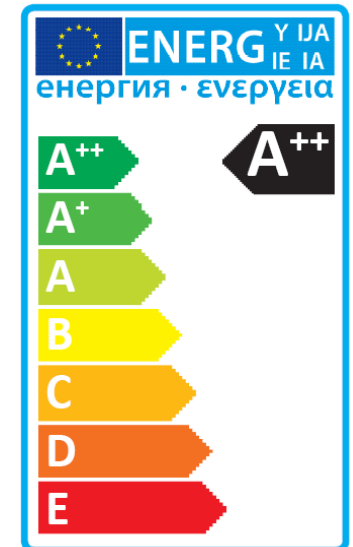
- Directly Replaces T8 Fluorescent 45 Watt Tube
- Locations: Offices, Households, Basements
- Indoor Lighting Use Only



LIGHT SPECIFICATIONS				
model no.	color	kelvin	clear cover (lm)	frosted (lm)
TLS:T86:010C	Cool White	5700K	4200	4000
TLS:T86:010D	Natural White	4000K	4200	4000
TLS:T86:010W	Warm White	3000K	3800	3600
TLS:T86:010V	Extra Warm	2700K	3000	2800
CRI			85	
Beam Angle			120°	
ELECTRICAL SPECIFICATION				
Watts			25W	
Input			AC85-260V	
Power factor			> 95 %	
THD			< 10%	

BENEFITS

- Energy Efficient 165 lm/w
- High Luminosity (super bright)
- High Quality Light CRI95
- Low Heat Light Source
- Extended Lifetime
- 80,000 hours lifespan
- Built in short Circuit Protection
- Built in Surge Protection
- 5 year Warranty



4200 Lumens
25.12 Watts

PRODUCT SPECIFICATION

PRODUCT TYPE: LED T8 TUBE:25W:150 cm

MODEL NO: TLS:T85:025



APPLICATION:

- Directly Replaces T8 Neon 45 Watt Tube
- Locations: Offices, Households, Basements
- Indoor Lighting Use Only

BENEFITS:

- Energy Efficient
- High Luminosity
- High Quality Light CRI95
- Low Heat Light Source
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LIGHT SPECIFICATIONS				
model no.	color	kelvin	clear Cover (lm)	frosted (lm)
TLS:T85:025C	Cool White	5700K	4200	4000
TLS:T85:025D	Natural White	4000K	4200	4000
TLS:T85:025W	Warm White	3000K	3800	3600
TLS:T85:025V	Extra Warm	2700K	3000	2800
CRI				85
Beam Angle				120°

ELECTRICAL SPECIFICATIONS	
Driver Input Voltage	AC85-260V
Watts	25W
LED Type	5630
LED Units	96
Output Voltage	30-42V
Output Current	550 mA
Rated Frequency	50/60Hz
Power Factor	> 95 %
Conv. Efficiency	> 95%
THD	< 10%
Operating Temperature	35° C
Operating Environment	-20°C ~ 35°C
Lifetime	80,000 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 26 X 30 mm
Size Within Box (25 Pcs)	1620 X 290X 215 mm
Outer Box G.W.	11.2 kg
Other	
Adjustable or Non-Adjustable Cap	
Dimmable function Available	

PRODUCT SPECIFICATION

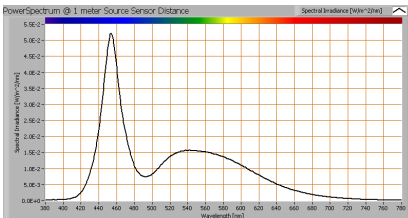
PRODUCT TYPE: LED T8 TUBE:25W:150 cm

MODEL NO: TLS:T85:025

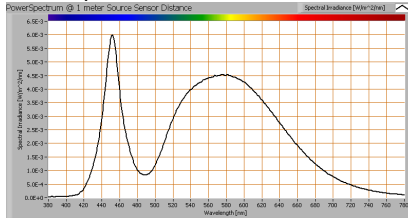
Illumination Properties

Spectral Response Curve : 2700-5700K

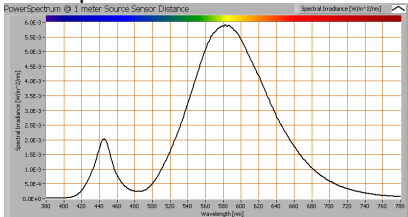
Color Spectrum: Cool White 5700K



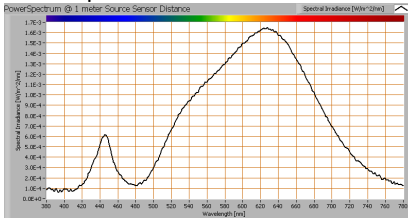
Color Spectrum: Natural White 4000K



Color Spectrum: WarmWhite 3200K

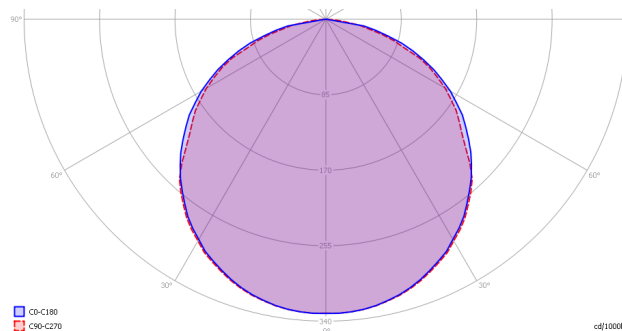


Color Spectrum: Extra Warm 2700K

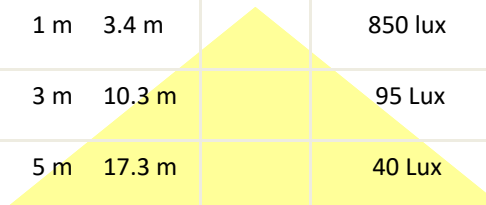


Eulumdat light diagram

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).

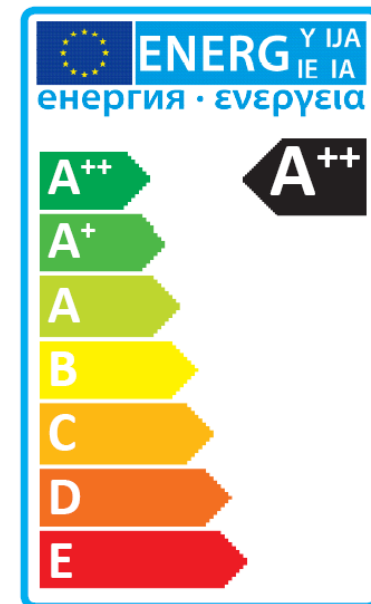


Lux overview table

Height	Φ 50%	120°	Lux Value
1 m	3.4 m		850 lux
3 m	10.3 m		95 Lux
5 m	17.3 m		40 Lux

EU 2013 Energy Classification:

The luminous flux measures is 2688 lumens with a total power of 22.12 Watts



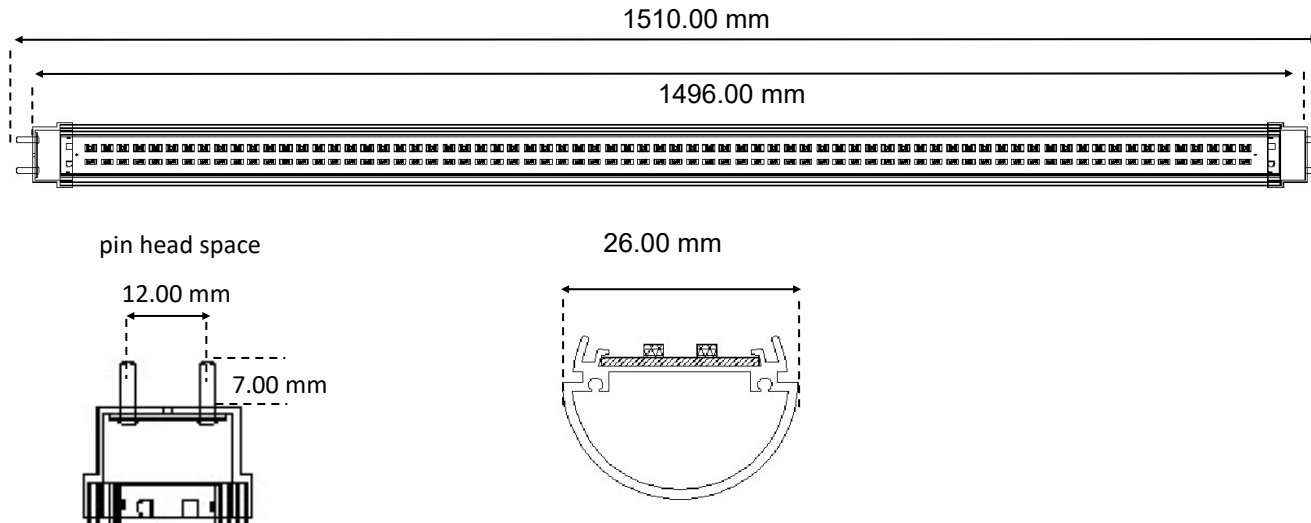
4268 Lumens
25.12 Watts

PRODUCT SPECIFICATION

PRODUCT TYPE: LED T8 TUBE:25W:150 cm

MODEL NO: TLS:T85:025

Tube Dimensions & Packaging

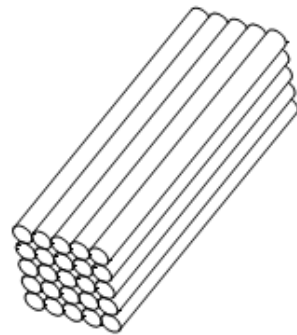


Tube Packaging Details: 25 units

Box Dimensions:

Size : 1520 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.



PRODUCT SPECIFICATION

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MODEL NO: TLS:T85:025

Marking and Labels

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

SMART-LED
Model : TLS:T85:025-X :
25W : AC85 - 265V MFG MM: DD:YY
SN : XXXX-XX-XXXXXX-XXXXX (Use with external Driver Only)
Clear 5700K



Label on the Inner Box:

SMART-LED	
LED Tube Light 120 cm	QTY: 1 Unit
Product Code: TLS:T85:025-X	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:

SMART-LED	
LED Tube Light 120 cm	QTY: 25 Units
Product Code: TLS:T85:025-X	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)	