

HI LUMINOUS EFFICIENCY
>120LM/W

Intelligent Lighting

Super brightness LED Tube for Green solution



Green Lighting Provider - DSTITAC

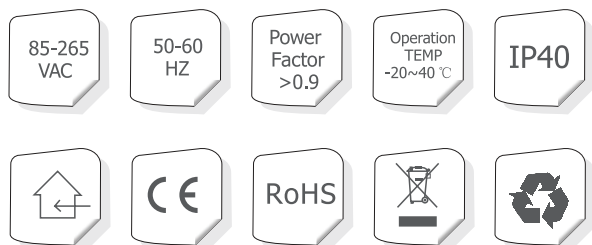
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T8 LED SUPER BRIGHT TUBE

Data sheet

LED T8 LED Tube

2835 SMD LEDs

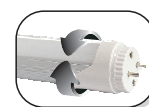


Feature & Benefits

- 2835 SMD 2-Chips LED with high luminous efficiency
- T8 size oval shape with G13 socket
- Optimum light uniformity and high color homogeneity
- Extremely robust with aluminum heat sink & polycarbonate cover
- Power Factor: >0.95
- Overpower, short and open circuit protected
- No noise, No flicker, No UV and IR
- Mercury-free and RoHS compliant
- Comply with CE, FCC and UL standards



G13



Rotatable



R17d

Ordering information

Part Number	Description	Unit
DLT1-80610-4072W-H0-N	T8 LED Tube super bright , 0.6M, Milky Lens, G13, 72 SMD2835 LEDs, Warm White, 85-265VAC	PCS
DLT1-80610-4072N-H0-N	T8 LED Tube super bright , 0.6M, MilkyLens, G13, 72 SMD2835 LEDs, Natural Wite, 85-265VAC	PCS
DLT1-80610-4072C-H0-N	T8 LED Tube super bright , 0.6M, MilkyLens, G13, 72 SMD2835 LEDs, Cool Wite, 85-265VAC	PCS
DLT1-81210-4120W-H0-N	T8 LED Tube super bright , 1.2M, MilkyLens, G13, 120 SMD2835 LEDs, Warm Wite, 85-265VAC	PCS
DLT1-81210-4120N-H0-N	T8 LED Tube super bright , 1.2M, MilkyLens, G13, 120 SMD2835 LEDs, Natural Wite, 85-265VAC	PCS
DLT1-81210-4120C-H0-N	T8 LED Tube super bright , 1.2M, MilkyLens, G13, 120 SMD2835 LEDs, Cool Wite, 85-265VAC	PCS
DLT1-81510-4152W-H0-N	T8 LED Tube super bright , 1.5M, MilkyLens, G13, 156 SMD2835 LEDs, Warm Wite, 85-265VAC	PCS
DLT1-81510-4152N-H0-N	T8 LED Tube super bright , 1.5M, MilkyLens, G13, 156 SMD2835 LEDs, Natural Wite, 85-265VAC	PCS
DLT1-81510-4152C-H0-N	T8 LED Tube super bright , 1.5M, MilkyLens, G13, 156 SMD2835 LEDs, Cool Wite, 85-265VAC	PCS

Physical Specifications

Length	600mm	1200mm	1500mm
Weight	212g	360g	441g
Housing	Aluminum Base+PC Cover		
Lens	Milky		
Tube Diameter	T8		
Base Type	G13/R17d		
Work Environment	Indoor use (applicable for dry environments)		

Electrical Specifications

	600mm	1200mm	1500mm
LED Quantity	72LEDs	120LEDs	156LEDs
Power Consumption	12 ± 1W	23 ± 1W	30 ± 1W
Output Current	170mA	230mA	340mA
Input Voltage	85- 265VAC		
Power Factor	>0.95		
Light Source	2835SMD LEDs, more than 27~28LM each		
Operation Temperature	-20~40℃		

Optical Specifications

	600mm	1200mm	1500mm
Power Consumption	12W	23W	30W
Lumens Clear cover	>1440lm	>2760lm	>3600lm
Milky cover	>1380lm	>2643lm	>3300lm
Luminous Efficacy	> 115 lm/w	> 115 lm/w	> 110 lm/w
Color Temperature	Warm White:2900K-3200K		
	Natural White:5000K-5300K		
	Cool White:6500K-6800K		
CRI	>80		
Beam Angle	120 Degree		

Technical / design details could be changed without noticed

* Results of 6500K with milky lens

Advantage

Optic Lens

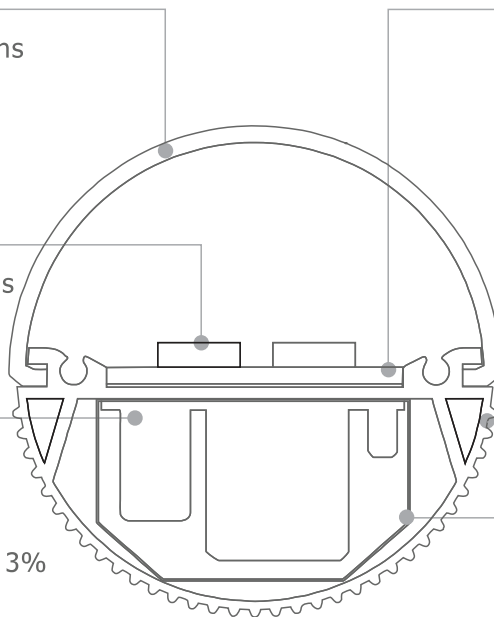
- Clear, milky and stripped options
- TEIJIN Polycarbonate material
- Light transmittance > 90%
- 94-V0 approved

SMD LEDs

- High brightness 2835 SMD LEDs
- High color homogeneity

LED Driver

- Isolated driver
- Efficiency > 88%
- Power Factor > 0.9
- Constant Current fluctuation < 3%



MC-PCB & Thermal conductive silicon

- For optimal thermal transmission

Aluminium Heatsink

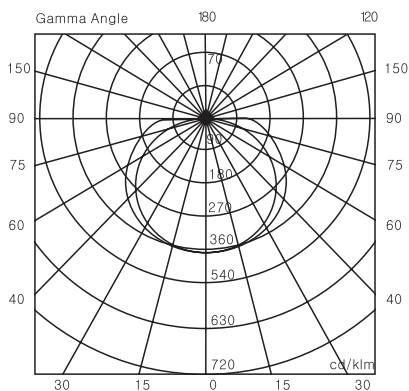
- Patent design for optimal thermal transmission
- High-grade exterior

Insulated Casing

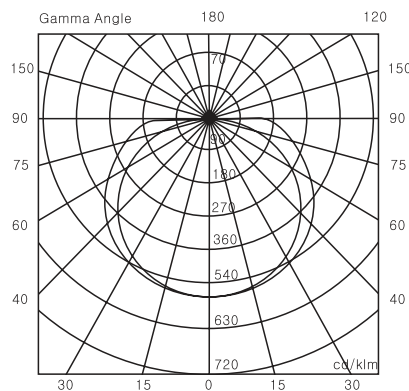
- Safety protection
- Pass 3750 high voltage testing

Photometric Data

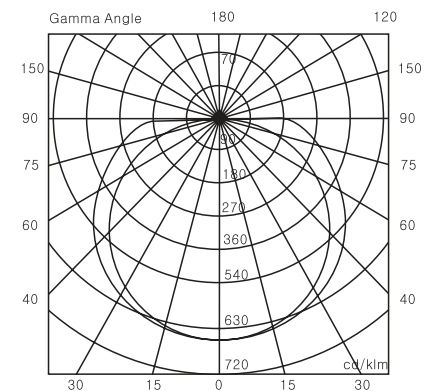
0.6m 6500K Milky lens



1.2m 6500K Milky lens



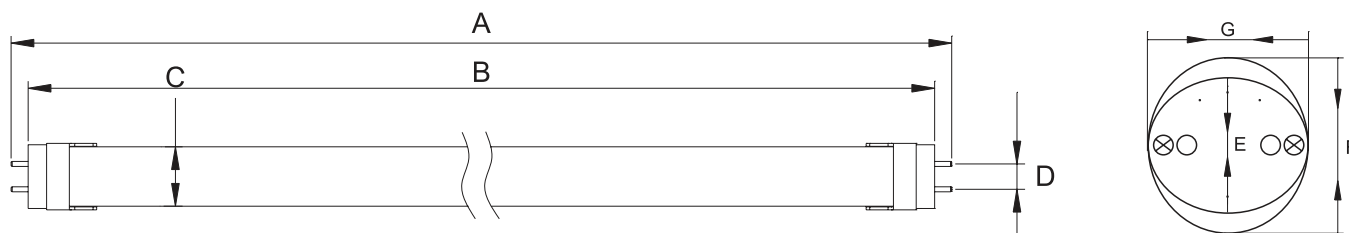
1.5m 6500K Milky lens



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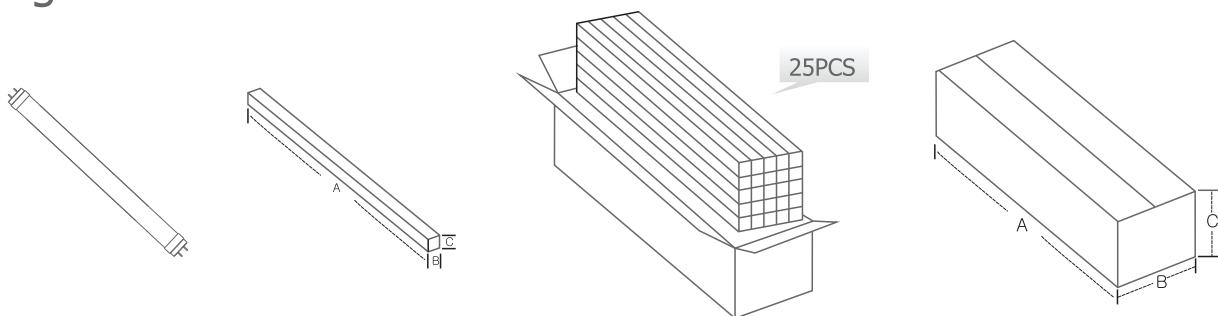
2835 SMD LEDs

Dimension



Item	A:MAX (mm)	B:MAX (mm)	C:MAX (mm)	D:MAX (mm)	E:MAX (mm)	F:MAX (mm)	G:MAX (mm)
2ft/600mm	604	589	26	13	23.6	30.6	26.8
4ft/1200mm	1215	1199	26	13	23.6	30.6	26.8
5ft/1500mm	1514	1499	26	13	23.6	30.6	26.8

Package



Tube		Box	Corton	
Item	ABC:MAX (mm)	Gross Weight (g)	ABC:MAX (mm)	Gross Weight (kg)
2ft/600mm	640*40*40	300	670*230*240	8
4ft/1200mm	1240*40*40	500	1260*180*180	13
5ft/1500mm	1540*40*40	700	1560*180*180	14

Ordering no. logic

DLT1 ----- (E) ----- 8 ----- 06 ----- 0 ----- 0 ----- 1 ----- 144 ----- W ----- H1

Tube Type	External PSU	Diameter	Length	Cover Type	Base Type	LED Type	LED QTY	Color Temp.	Input Voltage
DLT1 Normal Type		5:T5	0.6m	0: Clear	0: G13	1: 3528		Warm White	L0: 11-18V DC
DLT2 Electronic Ballast Compatible		8:T8	1.2m	1: Milky	1: Rotatable	2: 3022		Natural White	L1: 12VDC
DLT3 Inductive Ballast Compatible		1:T10	1.5m		2: FA8	3: 3014		Cool white	L2: 24VDC
DLT4 Single end power type					3: R17D	4: 2835			L5: 5VDC
DLT5T: Triac Dimmable									H0: 100-240VAC/85-265VAC
DLT5S: Switch Dimmable									H1: 100-130VAC
DLT6: PIR sensor									H2: 220-240VAC