

# TOSHIBA

Lighting products and gears

## PRODUCTS CATALOG



# TOSHIBA

## LED TUBE

- LED Tube T8
- LED Glass Tube T8 High Lumen
- LED Tube Deep Yellow
- LED Tube T5

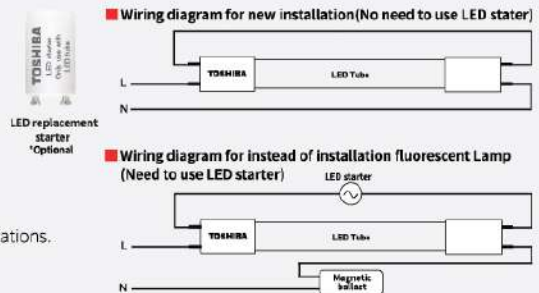


## LED Tube T8 ECO

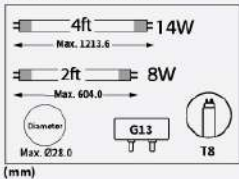
Toshiba LED TUBE lets you perfectly light up wide range of the applications such as office, factory and public space. It will ensure bright light and a low energy consumption as well as long life. It is now available from 1,100 to 2,100 lm. in 2ft and 4ft

### IEC standard

IEC 62776 : Double-capped LED lamps designed to retrofit linear fluorescent lamps. – Safety specifications.  
IEC 62471 : Photobiological safety



### DIMENSION follow IEC 60081



### EQUIVALENT



### ENERGY SAVING



Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature	Color Rendering Index (Ra)	Power Factor	THDi	Beam Angle	Lifespan (Hrs.)
RLDL0282C0840G1TH1	220-240	8	1100	137	4000K	80	≥0.90	<15%	160°	50,000
RLDL0282C0865G1TH1	220-240	8	1100	137	6500K	80	≥0.90	<15%	160°	50,000
RLDL0284C1440G1TH1	220-240	14	2100	150	4000K	80	≥0.90	<15%	160°	50,000
RLDL0284C1465G1TH1	220-240	14	2100	150	6500K	80	≥0.90	<15%	160°	50,000

Operation temperature : -20°C to 45°C



## LED Tube T8 Gen 7

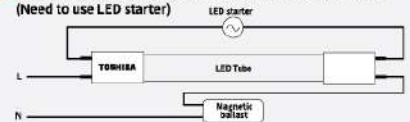
Toshiba LED Tube lets you perfectly light up wide range of the applications such as office, factory and public space. It will ensure bright light and a low energy consumption as well as long life. It is now available from 1,120 to 3,750lm in 2ft and 4ft.



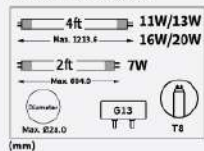
■ Wiring diagram for new installation (No need to use LED starter)



■ Wiring diagram for instead of installation fluorescent Lamp (Need to use LED starter)



**DIMENSION** follow IEC G90B1:



**EQUIVALENT**



**ENERGY SAVING**



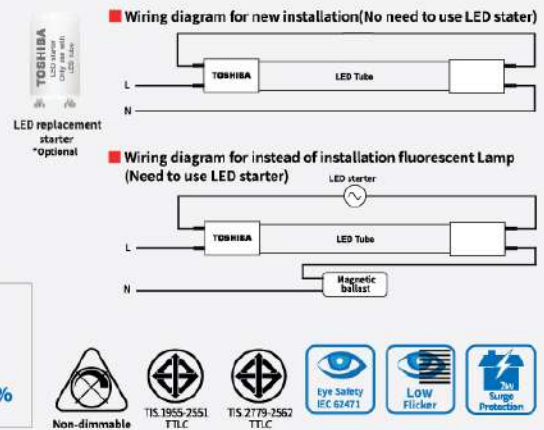
Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Color Temperature	Efficacy (lm/W)	Color Rendering Index (Ra)	Power Factor	THDI	Beam Angle	Lifespan (Hrs.)
RLDL82C0730G1TH7	220-240	7	1120	3000K	160	80	≥0.95	<10%	160°	60,000
RLDL82C0740G1TH7	220-240	7	1200	4000K	171	80	≥0.95	<10%	160°	60,000
RLDL82C0765G1TH7	220-240	7	1200	6500K	171	80	≥0.95	<10%	160°	60,000
RLDL84C1330G1TH7	220-240	13	2080	3000K	160	80	≥0.95	<10%	160°	60,000
RLDL84C1340G1TH7	220-240	13	2210	4000K	170	80	≥0.95	<10%	160°	60,000
RLDL84C1365G1TH7	220-240	13	2210	6500K	170	80	≥0.95	<10%	160°	60,000
RLDL84C1530G1TH7	220-240	15	2400	3000K	160	80	≥0.95	<10%	160°	60,000
RLDL84C1540G1TH7	220-240	15	2550	4000K	170	80	≥0.95	<10%	160°	60,000
RLDL84C1565G1TH7	220-240	15	2550	6500K	170	80	≥0.95	<10%	160°	60,000
RLDL84C1830G1TH7	220-240	18	2880	3000K	160	80	≥0.95	<10%	160°	60,000
RLDL84C1840G1TH7	220-240	18	3100	4000K	172	80	≥0.95	<10%	160°	60,000
RLDL84C1865G1TH7	220-240	18	3100	6500K	172	80	≥0.95	<10%	160°	60,000
RLDL84C2230G1TH7	220-240	22	3600	3000K	163	80	≥0.95	<10%	160°	50,000
RLDL84C2240G1TH7	220-240	22	3750	4000K	170	80	≥0.95	<10%	160°	50,000
RLDL84C2265G1TH7	220-240	22	3750	6500K	170	80	≥0.95	<10%	160°	50,000

Operation temperature : -20°C to 45°C

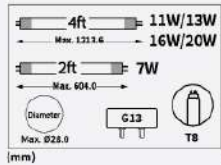


## LED Tube T8 Gen 8

Designed with the highest quality LED chips, Toshiba's standard LED Tube T8 there are 3 colors temperatures to choose from Warm White, Cool White and Daylight. More special with flicker free a lifespan of up to 70,000 hours. It is now available from 1330lm to 4000lm in 2ft and 4ft.



**DIMENSION** follow IEC 60081



**EQUIVALENT**

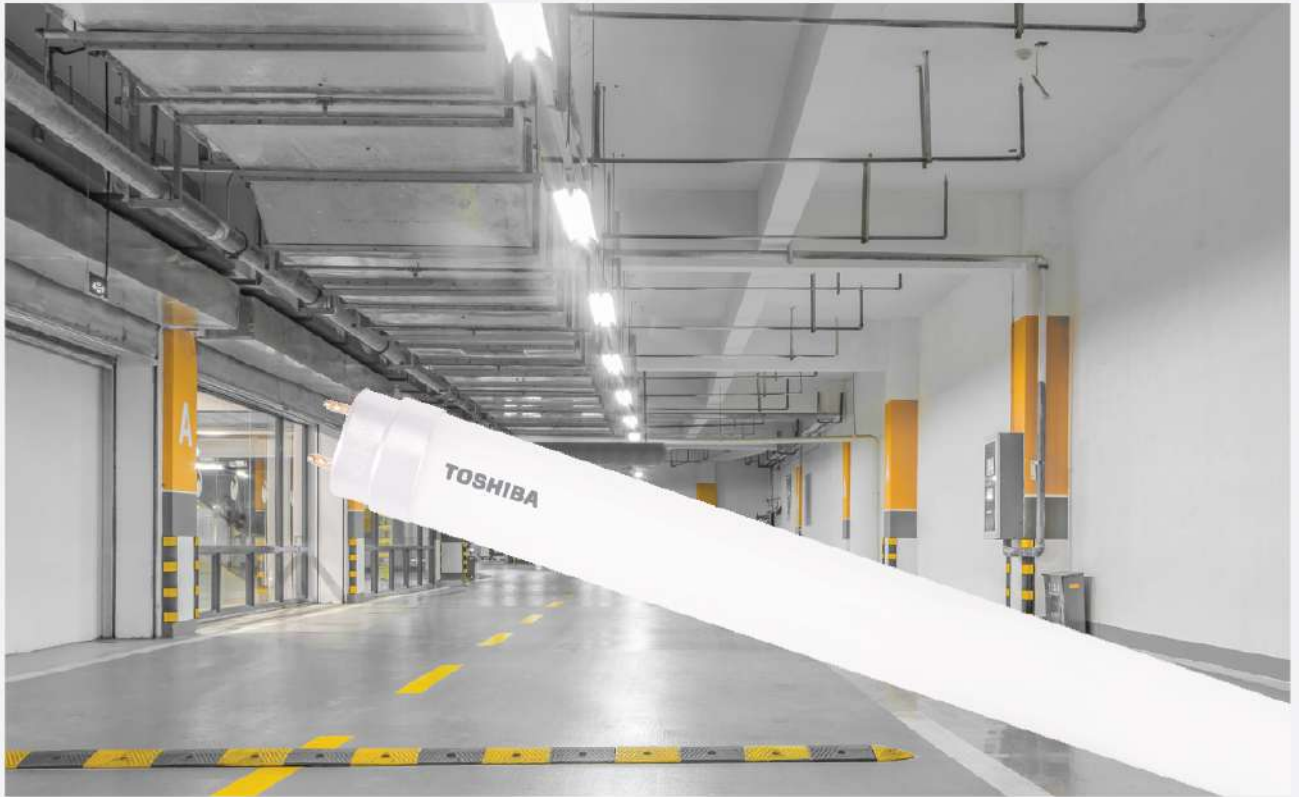


**ENERGY SAVING**



Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Color Temperature	Efficacy (lm/W)	Color Rendering Index (Ra)	Power Factor	THDi	Beam Angle	Lifespan (Hrs.)
RLDL82C0730G1TH8	220-240Vac	7	1330	3000K	190	80	≥0.95	≤10%	160°	70,000
RLDL82C0740G1TH8	220-240Vac	7	1400	4000K	200	80	≥0.95	≤10%	160°	70,000
RLDL82C0765G1TH8	220-240Vac	7	1400	6500K	200	80	≥0.95	≤10%	160°	70,000
RLDL84C1130G1TH8	220-240Vac	11	2090	3000K	190	80	≥0.95	≤10%	160°	70,000
RLDL84C1140G1TH8	220-240Vac	11	2200	4000K	200	80	≥0.95	≤10%	160°	70,000
RLDL84C1165G1TH8	220-240Vac	11	2200	6500K	200	80	≥0.95	≤10%	160°	70,000
RLDL84C1330G1TH8	220-240Vac	13	2470	3000K	190	80	≥0.95	≤10%	160°	70,000
RLDL84C1340G1TH8	220-240Vac	13	2600	4000K	200	80	≥0.95	≤10%	160°	70,000
RLDL84C1365G1TH8	220-240Vac	13	2600	6500K	200	80	≥0.95	≤10%	160°	70,000
RLDL84C1630G1TH8	220-240Vac	16	3040	3000K	190	80	≥0.95	≤10%	160°	70,000
RLDL84C1640G1TH8	220-240Vac	16	3200	4000K	200	80	≥0.95	≤10%	160°	70,000
RLDL84C1665G1TH8	220-240Vac	16	3200	6500K	200	80	≥0.95	≤10%	160°	70,000
RLDL84C2030G1TH8	220-240Vac	20	3800	3000K	190	80	≥0.95	≤10%	160°	70,000
RLDL84C2040G1TH8	220-240Vac	20	4000	4000K	200	80	≥0.95	≤10%	160°	70,000
RLDL84C2065G1TH8	220-240Vac	20	4000	6500K	200	80	≥0.95	≤10%	160°	70,000

Operation temperature : -20°C to 40°C



## LED Glass Tube T8 High Lumen

LED Tube lets you perfectly up wide range of the applications and very bright with hilumen such as office, factory and public space. It will ensure bright light and a low energy consumption as well as long life.

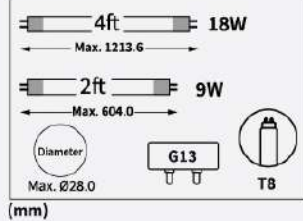
■ Wiring diagram for new installation (No need to use LED starter)



■ Wiring diagram for instead of installation fluorescent Lamp (Need to use LED starter)



**DIMENSION** follow IEC 60081



(mm)

**EQUIVALENT**

18W/36W

9W/18W

Compare to conventional fixture with fluorescent lamp

**ENERGY SAVING**

ENERGY SAVING  
68%/61%  
SAVES MONEY



Non-dimmable



TIS.1955-2551



TIS.2779-2562



Eye Safety  
IEC 62471



1W  
Surge  
Protection

Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Efficacy (lm/W)	Color Temperature	Color Rendering Index (Ra)	Power Factor	Beam Angle	Lifespan (Hrs.)
RLDL82C0965G1TH1G	220-240	9	1100	122	6500K	80	≥0.5	220°	25,000
RLDL84C1865G1TH1G	220-240	18	2200	122	6500K	80	≥0.5	270°	25,000

Operation temperature : -20°C to 40°C



## LED Tube Deep Yellow

Insect repellent LED T8 Tube Deep Yellow, keeps pesky insects away with energy saving. Specially designed deep yellow colored light and also pleasing to humans. Standard certified for Safety and Quality. It is now available from 8 Watt and 14 Watt. Industry : Clean Rooms, Laboratories and Research Facilities Hotels and Gastronomy : Commercial Kitchens Workplace : Utility Rooms

### IEC standard

IEC 62776 : Double-capped LED lamps designed to retrofit linear fluorescent lamps – Safety specifications.

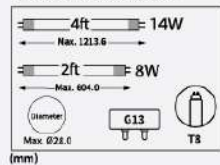
#### ■ Wiring diagram for new installation(No need to use LED starter)



#### ■ Wiring diagram for instead of installation fluorescent Lamp (Need to use LED starter)



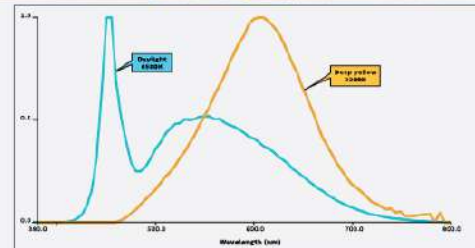
#### DIMENSION follow IEC 60081



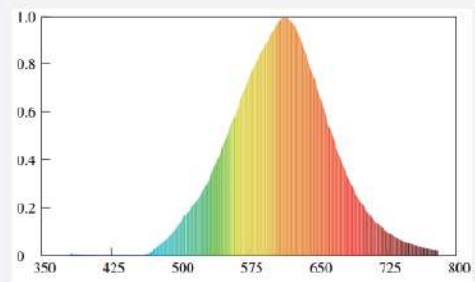
#### EQUIVALENT



#### ENERGY SAVING



Comparison of Spectral Energy Distribution Deep Yellow and Daylight color



Spectral Energy Distribution of LED Deep Yellow



LED replacement starter (optional)



TIS 1959-2561 TLIC



1kV Surge protection



Non-dimmable

Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Efficacy (lm/W)	Color Temperature	Color Rendering Index (Ra)	Power Factor	THDi	Beam Angle	Lifespan (Hrs.)
RLDL82C0822G1TH1DY	220-240	8	880	110	2200K	50	≥0.95	<10%	160°	50,000
RLDL84C1422G1TH1DY	220-240	14	1540	110	2200K	50	≥0.95	<10%	160°	50,000

Operation temperature : -25°C to 45°C



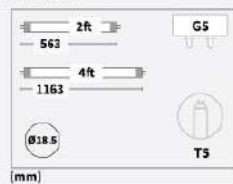
## LED Tube T5

Toshiba LED Tube T5 lets you perfectly light up wide range of the applications such as office, factory and public space. It will ensure bright light and a low energy consumption as well as long life. It is now available from 1040 to 2100 lm.

■ Wiring diagram after retrofit / new installation.



### DIMENSION



### EQUIVALENT



Compare to conventional fixture with fluorescent lamp

### ENERGY SAVING



Product code	Voltage (Vac)	Rated Wattage (W)	Luminous Flux (lm)	Efficacy (lm/W)	Color Temperature	Color Rendering Index (Ra)	Power Factor	THDi	Beam Angle	Lifespan (Hrs.)
RLDL52C0840G5TH1	220-240	8	1040	130	4000K	80	≥0.90	≤15%	150°	30,000
RLDL52C0865G5TH1	220-240	8	1040	130	6500K	80	≥0.90	≤15%	150°	30,000
RLDL54C1640G5TH1	220-240	16	2100	131	4000K	80	≥0.90	≤15%	150°	30,000
RLDL54C1665G5TH1	220-240	16	2100	131	6500K	80	≥0.90	≤15%	150°	30,000

Operation temperature : -20°C to 45°C

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