

TOSHIBA

Lighting products and gears

PRODUCTS CATALOG





Thai Toshiba Lighting Company Limited

was established by Dr. Korn and Thanpuying Niramol Suriyasat and joint ventured with Toshiba Lighting & Technology Corporation (TLT) Japan as a manufacture of lighting products under TOSHIBA brand.

Establishment September 24, 1973

Quality products with environment consciousness

Thai Toshiba Lighting has been serving the Thai people for more than 52 years. We offer innovative LED lights that meet high-quality standards and advanced safety regulations from Japan. We pay attention to every step of production to ensure efficient lighting that is not harmful to the eyes. Additionally, we consider energy conservation and environmental sustainability in our processes.

- First Thai's Green Label Lamp.
- ISO 14001 standard certified of environmental management.
- The first brand to receive the Carbon Reduction Certification, which is awarded to manufacturers that reduce energy consumption and CO₂ emissions into the atmosphere.



- 1973 Establishment :** Established Thai Toshiba Fluorescent Lamp Co., Ltd. to produce glass tube.
- 1982 Expansion :** Established Thai Toshiba Lighting Co., Ltd. and transfer the operation from Thai Toshiba Fluorescent Lamp Co., Ltd. to TTLC
- 1987 1988 Outstanding Workplace (1987) / Outstanding Product (1988) :** Received the "Outstanding Workplace Award" / Received the "Outstanding Product Award" from MOI (Ministry of Industry)
- 1996 Good attitude toward people and the environment :** Toshiba Lighting has replaced the coating chemical from butyl acetate base to purified water base, which does not affect to environment and worker. 
- 1998 Leader in environmental conservation :** First brand of lighting products to get approval and authorized for use of "Green Label" for 18W and 36W fluorescent lamps. 
- 2003 Extend its use to reduce environmental waste :** We have developed fluorescent lamps that last for up to 20,000 hours of life, first brand in Thailand. To reduce the amount of hazardous waste to the environment. 
- 2005 Only one to use amalgam instead of liquid mercury :** First and only one brand which using an amalgam instead of liquid mercury to reduce the spread of mercury into the environment in the production process and reduce the factors that cause hazard waste from breakage fluorescent tube. 
- 2007 Reduce the global warming :** Thai Toshiba Lighting Co., Ltd. in collaboration with the Electricity Generating Authority of Thailand (EGAT) distributed free of 400,000 compact fluorescent lamps to anyone who participating "Sufficient energy consume for the King" campaign. Beside, we have improved the production process to meet the RoHS standard.
- 2009 OHSAS/TIS 18001 Standard:** To receive certificate of OHSAS/TIS 18001 standard for occupational health and safety management system.
- 2010 Reduce carbon emissions globally :** Again with a leading environmental products of the first brand who received Carbon Reduction Label in Thailand.
- 2011 Green System:** Thai Toshiba Lighting Co., Ltd. received certification, from the Ministry of Industry, as a green industry level 3 which has an environmental management system. 
- 2013 Labeling standard No. 5 for LED MR16 :** Toshiba LED MR16 (LDRA0930WUSUSD, LDRA0940W5USD) passed the testing of EGAT's standard label No.5. **Reduce carbon emission globally (New project LCA process) :** First brand of lighting products to get Carbon Footprints label from Thailand Greenhouse gas management organization (Public organization) : TGO
- 2014 Corporate Social Responsibility :** Thai Toshiba Lighting Co., Ltd. won the CSR-DIW Award 2014 from the Department of Industry. This award is presented to those who follow the industry standard to promote the implementation of social responsibility and sustainable development.
- 2015 Thailand Green Label Award :** Received a plaque of honor "Thailand Green Label Award" which Thai Toshiba Lighting Co., Ltd. (TTLC) participating Green Label continuously for over 10 years. 
- 2017 ISO 9001: 2015 Standard :** To receive certificate of ISO 9001 : 2015 standard for quality management system. **Green label standard for LED tube :** First brand of LED tube product to get approval and authorize for use of "Green label for 16W and 18W LED tube.  
- 2018 Got more green Industry level :** Thai Toshiba Lighting Co., Ltd. received certification from the Ministry of Industry as a green industry level 4 which has an environmental management system. **ISO 14001: 2015 Standard :** To receive certificate of ISO 14001: 2015 standard for environmental management system. 
- 2019 Good Environmental Governance :** To receive Good Environmental Governance Award 2019 from Department of Industrial Works Ministry of Industry. 
- 2020 Thailand Green Label Award :** To receive a plaque of honor "Thailand Green Label Award" which continuously participate Green Label continuously for over 15 years.
- 2024 Labeling standard No.5 for LED Street Light :** SHINING LED Street Light (S-ST10040F-3, S-ST24040F-3) passed the testing of EGAT's standard label No.5

TOSHIBA

LED TUBE

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



TOSHIBA



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

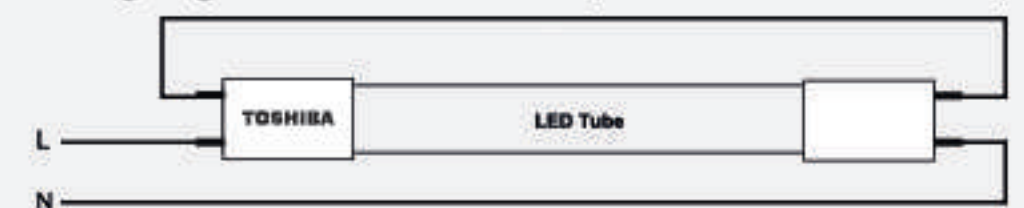
IEC standard

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

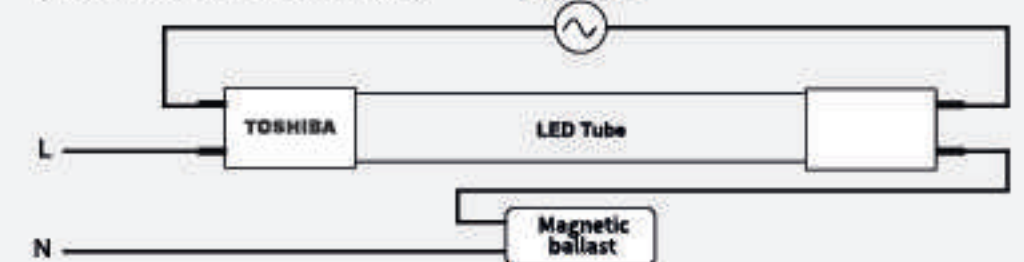
IEC 62471 : Photobiological safety



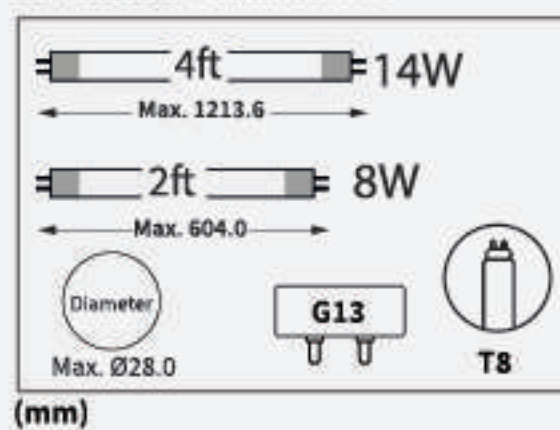
■ Wiring diagram for new installation (No need to use LED starter)



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

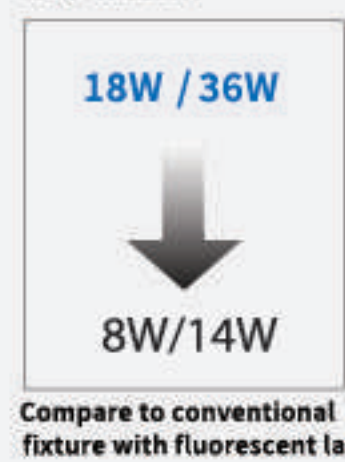


DIMENSION follow IEC 60081



(mm)

EQUIVALENT



Compare to conventional fixture with fluorescent lamp

ENERGY SAVING



Non-dimmable



TIS 1955-2551
TTLC



TIS 2779-2562
TTLC



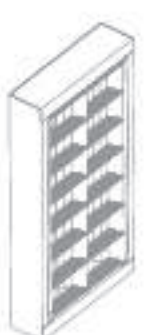
Eye Safety
IEC 62471



0.5kV
Surge
Protection

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

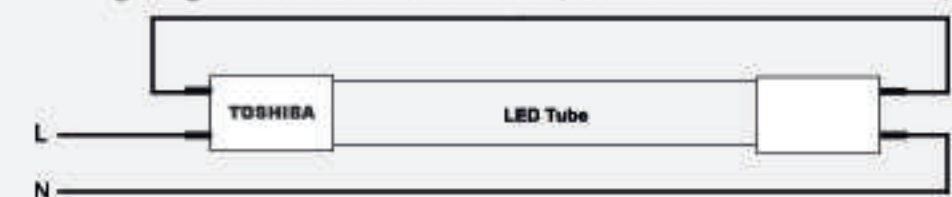


LED Tube T8 Gen 7

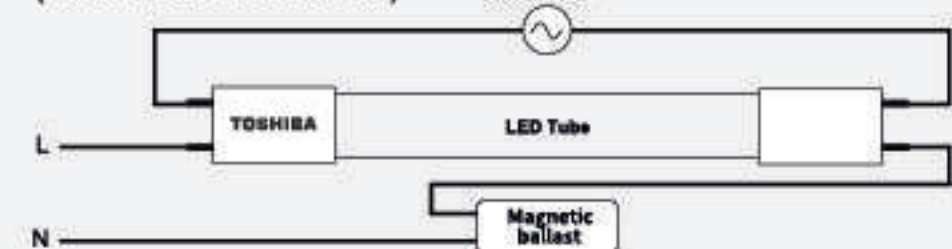
Toshiba LED Tube lets you perfectly light up wide range of the applications such as office, factory and public space. It will ensure bright light and a low energy consumption as well as long life. It is now available from 1,120 to 3,750lm in 2ft and 4ft.



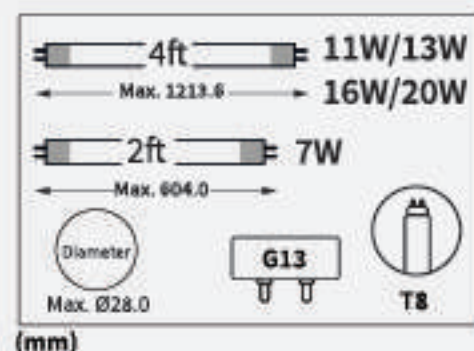
■ Wiring diagram for new installation (No need to use LED starter)



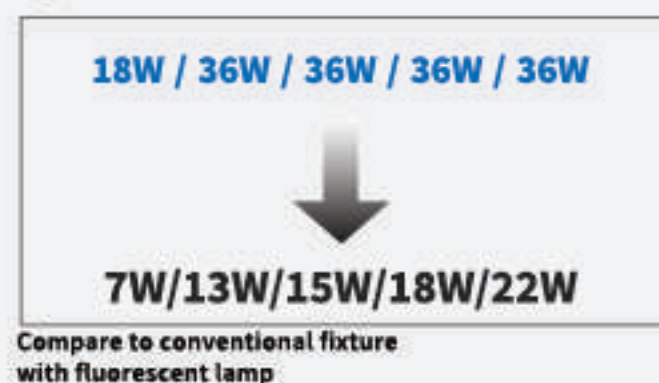
■ Wiring diagram for instead of installation fluorescent Lamp (Need to use LED starter)



DIMENSION follow IEC 60081



EQUIVALENT



ENERGY SAVING



Non-dimmable



TIS 1955-2551 TTLC



TIS 2778-2562 TTLC



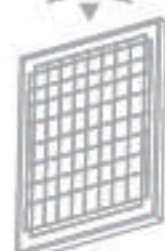
Eye Safety IEC 62471



1kv Surge Protection

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	2200	4000K	169	80	≥0.95	<10%	160°	60,000
RLDL84C1365G1TH7	220-240	13	2200	6500K	169	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



TOSHIBA

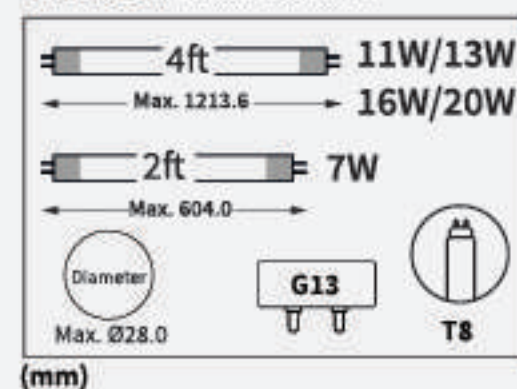


LED Tube T8 Gen 8

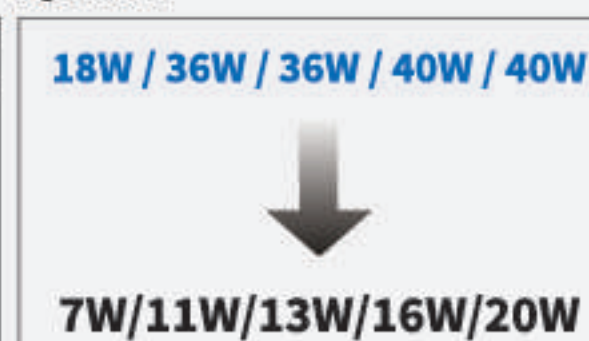
Designed with the highest quality LED chips, Toshiba's standard. LED Tube T8 there are 3 color temperatures to choose from Warm White, Cool White and Daylight.

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



Compare to conventional fixture with fluorescent lamp

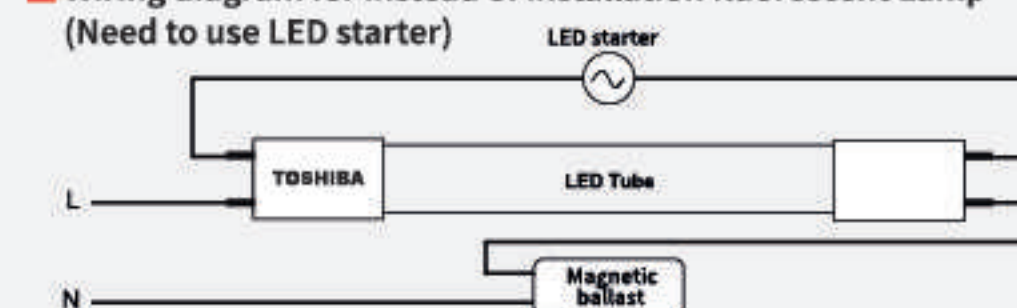
ENERGY SAVING



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



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



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%	190°	70,000
RLDL82C0740G1TH8	220-240Vac	7	1400	4000K	200	80	≥0.95	≤10%	190°	70,000
RLDL82C0765G1TH8	220-240Vac	7	1400	6500K	200	80	≥0.95	≤10%	190°	70,000
RLDL84C1130G1TH8	220-240Vac	11	2090	3000K	190	80	≥0.95	≤10%	190°	70,000
RLDL84C1140G1TH8	220-240Vac	11	2200	4000K	200	80	≥0.95	≤10%	190°	70,000
RLDL84C1165G1TH8	220-240Vac	11	2200	6500K	200	80	≥0.95	≤10%	190°	70,000
RLDL84C1330G1TH8	220-240Vac	13	2470	3000K	190	80	≥0.95	≤10%	190°	70,000
RLDL84C1340G1TH8	220-240Vac	13	2600	4000K	200	80	≥0.95	≤10%	190°	70,000
RLDL84C1365G1TH8	220-240Vac	13	2600	6500K	200	80	≥0.95	≤10%	190°	70,000
RLDL84C1630G1TH8	220-240Vac	16	3040	3000K	190	80	≥0.95	≤10%	190°	70,000
RLDL84C1640G1TH8	220-240Vac	16	3200	4000K	200	80	≥0.95	≤10%	190°	70,000
RLDL84C1665G1TH8	220-240Vac	16	3200	6500K	200	80	≥0.95	≤10%	190°	70,000
RLDL84C2030G1TH8	220-240Vac	20	3800	3000K	190	80	≥0.95	≤10%	190°	70,000
RLDL84C2040G1TH8	220-240Vac	20	4000	4000K	200	80	≥0.95	≤10%	190°	70,000
RLDL84C2065G1TH8	220-240Vac	20	4000	6500K	200	80	≥0.95	≤10%	190°	70,000

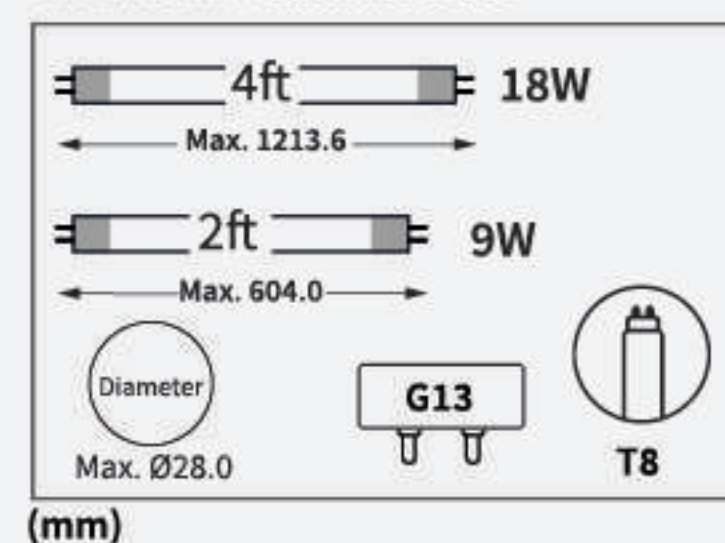
Operation temperature : -20°C to 40°C



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.

DIMENSION follow IEC 60081



(mm)

EQUIVALENT

18W / 36W



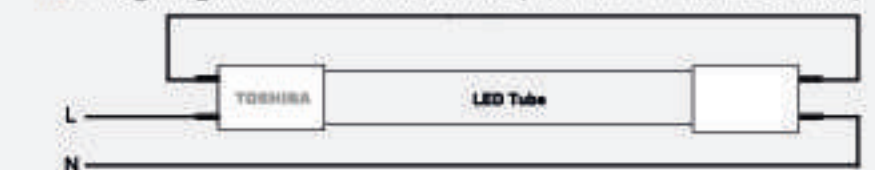
9W/18W

Compare to conventional fixture with fluorescent lamp

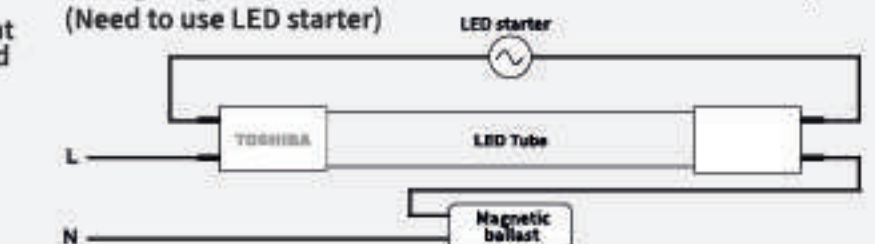
ENERGY SAVING



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



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



LED replacement starter included



Non-dimmable



TIS.1955-2551 TTLC



TIS.2779-2562 TTLC



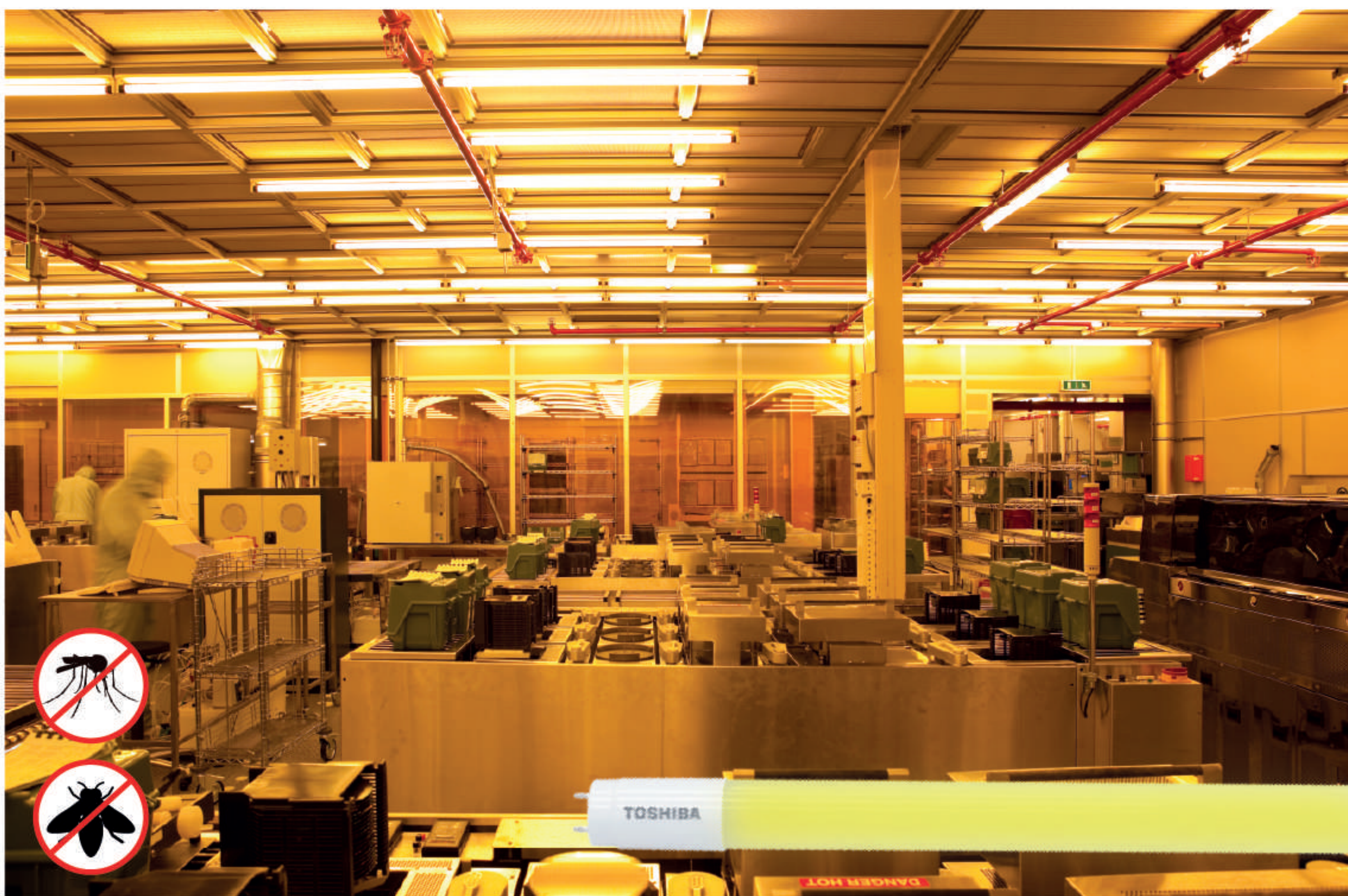
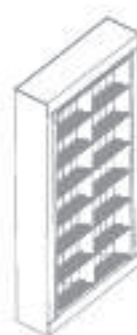
Eye Safety IEC 62471



1kW 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	270°	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

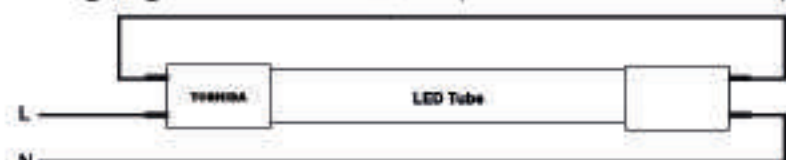
Insect repellent LED T8 Tube Deep Yellow, keeps pesky insects away with energy saving. Specially designed deep yellow colored light and also pleasing to humans. Standard certified for Safety and Quality. It is now available from 8 Watt and 14 Watt.

Industry : Clean Rooms, Laboratories and Research Facilities
Hotels and Gastronomy : Commercial Kitchens
Workplace : Utility Rooms

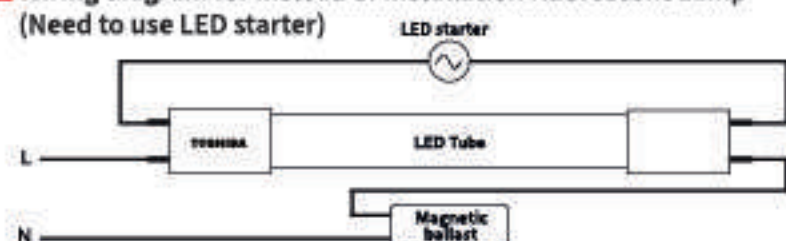
IEC standard

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

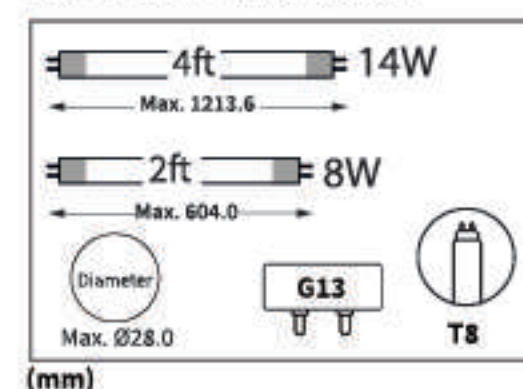
■ Wiring diagram for new installation (No need to use LED starter)



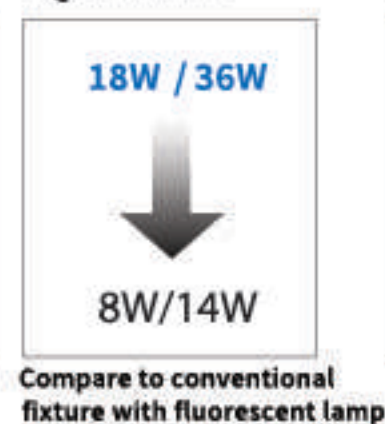
■ Wiring diagram for instead of installation fluorescent Lamp (Need to use LED starter)



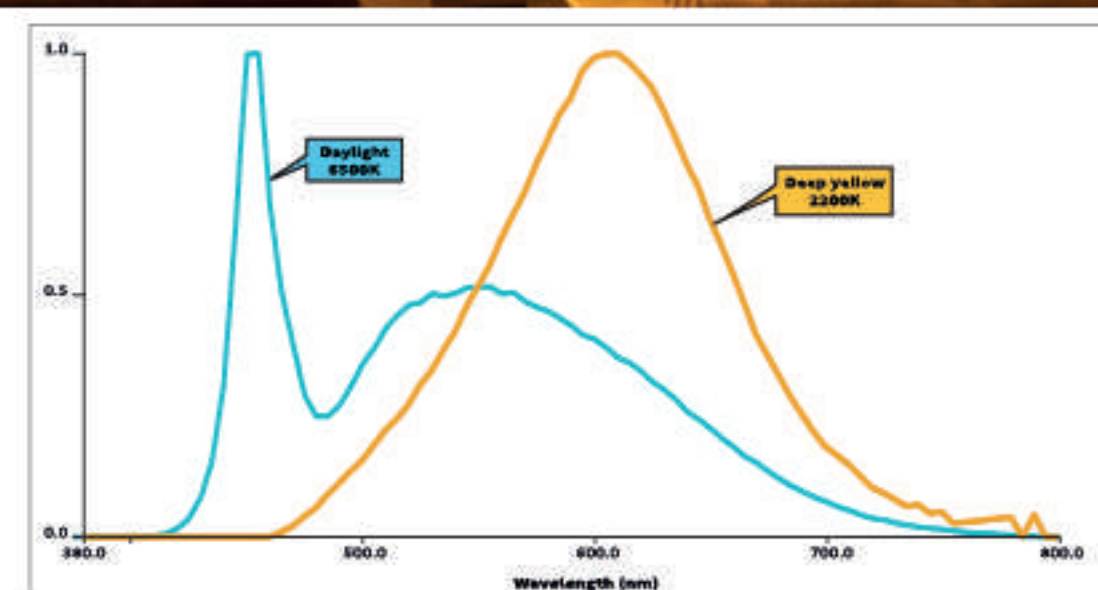
DIMENSION follow IEC 60081



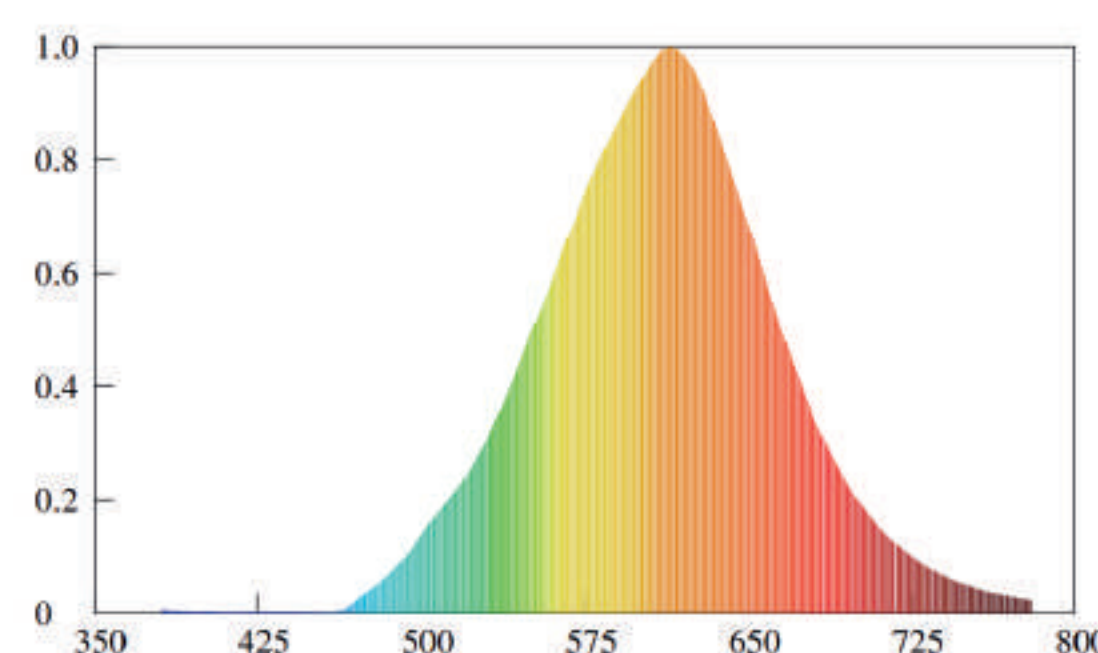
EQUIVALENT



ENERGY SAVING



Comparison of Spectral Energy Distribution Deep Yellow and Daylight color



Spectral Energy Distribution of LED Deep Yellow



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

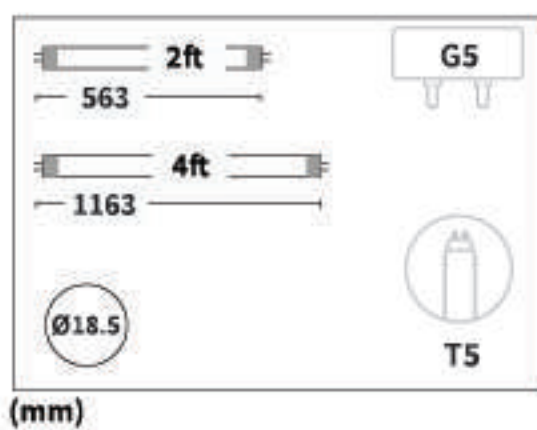
Operation temperature : -25°C to 45°C



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.

DIMENSION



EQUIVALENT



ENERGY SAVING



■ Wiring diagram after retrofit / new installation.



Non-dimmable



TIS.1955-2551
TTL



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





Environmentally Friendly
Toshiba LED Lamp

Thai Toshiba Lighting Co., Ltd.

144 Moo 5 Bangkadi Industrial Park, Tivanon Road, T.Bangkadi, A.Muang, Pathumthani 12000, Thailand
Tel.+66 (0)2 501-1425-9 Fax. +66-2501-1431