

Intelligent Lighting Controls



Smart Lighting Provider - DSTITAC

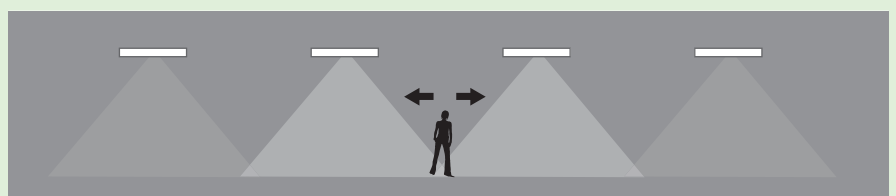




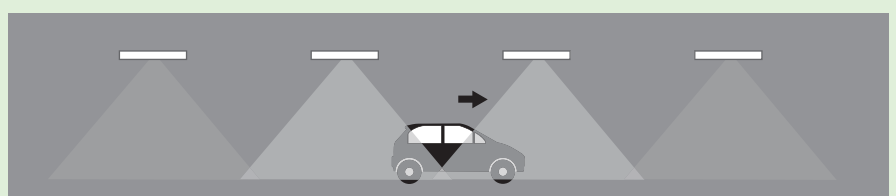
Save upto 70% energy & money

- Basic energy consumption chart

Type	Watt	Power consumption(W) for dim level at stand by mode			lm per dim level at stand by mode		
		10%	30%	50%	10%	30%	50%
600mm T8 LED TUBE Sensor W/Dim	10±1W	2.6±1W	3.5±1W	6.5±1W	10±15lm	290±15lm	750±15lm
1200mm T8 LED TUBE Sensor W/Dim	18±1W	3.5±1W	4.5±1W	9.2±1W	150±15lm	480±15lm	1180±15lm

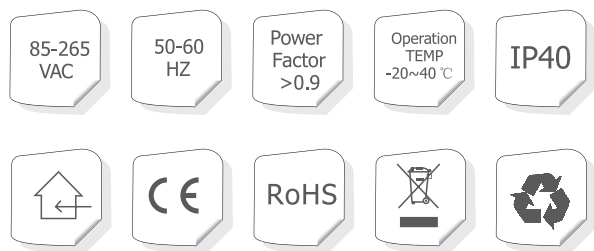


keep low intensity (10, 20, 30%) until lamp integrated sensor detect
Immediately full bright (100%) once it detect movement



T8 LED SENSOR TUBE

LED T8 LED sensor Tube



Feature & Benefits

- 120 degree sensitive angle and 10M distance
- 30 seconds to 30 minutes interval can be set.
- OFF, 10%, 30% or 50% standby brightness can be set.
- T8 shape with G13 socket and other different socket type options available.
- Optimum light uniformity and high color homogeneity.
- Extremely robust with aluminum heat sink and polycarbonate cover.
- Power Factor: 0.9, Efficiency >88%.
- 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.

LED T8 LED sensor Tube 2835 SMD LEDs / PIR sensor



Odering information

Part Number	Description	Unit
DLT6-80610-4072W-H0-N	T8 LED Tube, With PIR sensor, 0.6M, MilkyLens, G13, 72 SMD2835 LEDs, Warm White, 85-265VAC	PCS
DLT6-80610-4072N-H0-N	T8 LED Tube, With PIR sensor, 0.6M, MilkyLens, G13, 72 SMD2835 LEDs, Warm Wite, 85-265VAC	PCS
DLT6-80610-4072C-H0-N	T8 LED Tube, With PIR sensor, 0.6M, MilkyLens, G13, 72 SMD2835 LEDs, Warm Wite, 85-265VAC	PCS
DLT6-81210-4120W-H0-N	T8 LED Tube, With PIR sensor, 1.2M, MilkyLens, G13, 120 SMD2835 LEDs, Warm Wite, 85-265VAC	PCS
DLT6-81210-4120N-H0-N	T8 LED Tube, With PIR sensor, 1.2M, MilkyLens, G13, 120 SMD2835 LEDs, Natural Wite, 85-265VAC	PCS
DLT6-81210-4120C-H0-N	T8 LED Tube, With PIR sensor, 1.2M, MilkyLens, G13, 120 SMD2835 LEDs, Cool Wite, 85-265VAC	PCS
DLT6-81510-4152W-H0-N	T8 LED Tube, With PIR sensor, 1.5M, MilkyLens, G13, 156 SMD2835 LEDs, Warm Wite, 85-265VAC	PCS
DLT6-81510-4152N-H0-N	T8 LED Tube, With PIR sensor, 1.5M, MilkyLens, G13, 156 SMD2835 LEDs, Natural Wite, 85-265VAC	PCS
DLT6-81510-4152C-H0-N	T8 LED Tube, With PIR sensor, 1.5M, MilkyLens, G13, 156 SMD2835 LEDs, Cool Wite, 85-265VAC	PCS

Technical Specification

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	10 ± 1W	15 ± 1W, 18 ± 1W	18 ± 1W, 21 ± 1W
Output Current	170mA	230mA	340mA
Input Voltage	85- 265VAC		
Power Factor	>0.95		
Light Source	2835SMD LEDs, more than 11LM each		
Operation Temperature	-20~40℃		

Optical Specifications

	600mm	1200mm		1500mm	
Power Consumption	10W	15W	18W	18W	22W
Lumens	>850lm	>1530lm	>1700lm	>1700lm	>2000lm
Luminous Efficacy	> 85 lm/w	> 85 lm/w	> 89 lm/w	> 89 lm/w	> 91 lm/w
Color Temperature	Warm White:2900K-3200K				
	Natural White:5000K-5300K				
	Cool White:6500K-6800K				
CRI	>75				
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

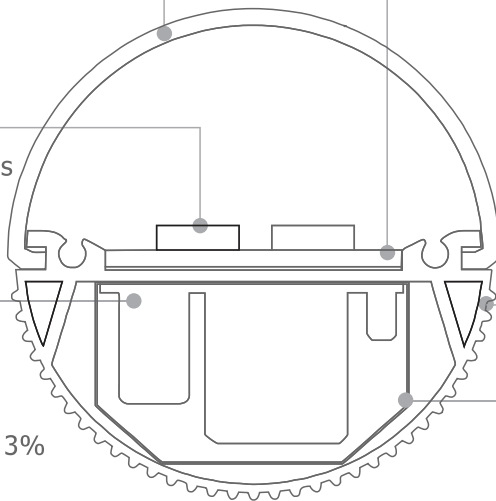
- For optimal thermal transmission

Aluminium Heatsink

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

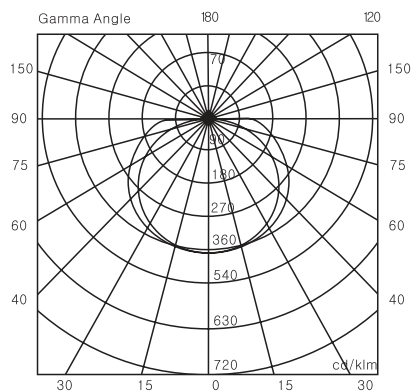
Insulated Casing

- Safety protection
- Pass 3750 high voltage testing

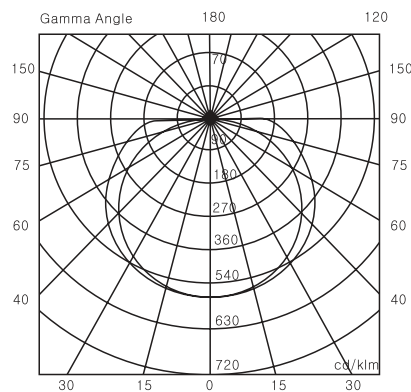


Photometric Data

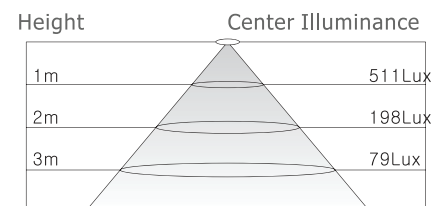
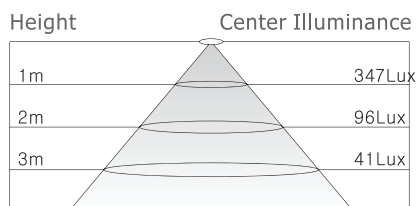
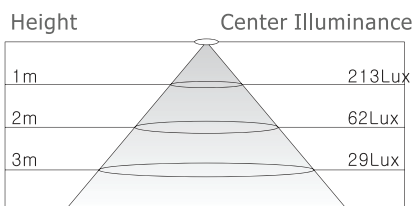
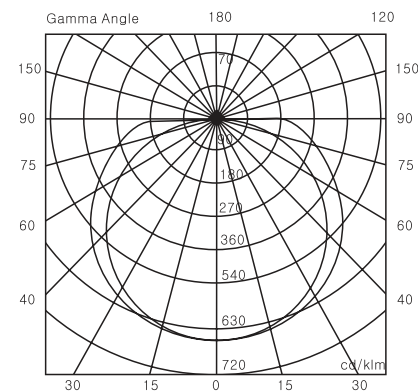
0.6m 6500K clear lens



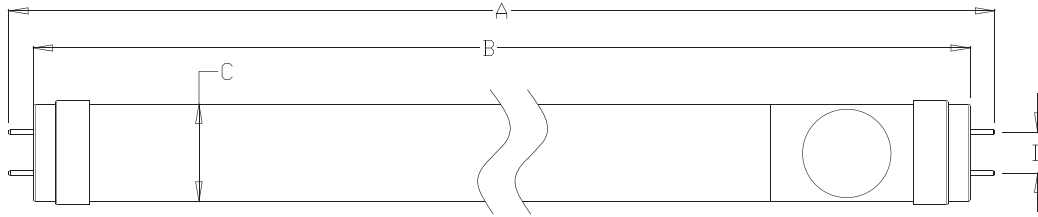
1.2m 6500K clear lens



1.5m 6500K clear lens

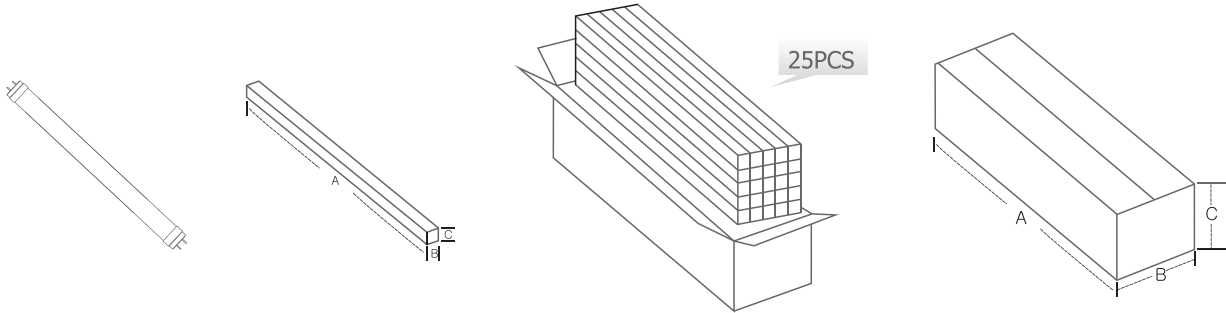


Dimension & packing details



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

Package



Tube	Box		Corton	
Item	ABC:MAX (mm)	Gross Weight (g)	ABC:MAX (mm)	Gross Weight (g)
2ft/600mm	612*32*32	255.8	640*180*180	6735
4ft/1200mm	1223*32*32	440.4	1250*180*180	11665
5ft/1500mm	1523*32*32	543.4	1550*180*180	14440

Ordering no. logic

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

TubeType	External PSU	Diameter	Length	CoverType	BaseType	LEDType	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

READ ALL CAREFULLY BEFORE INSTALLING, KEEP THE USER MANUAL FOR FUTURE USE



FEATURES

- 120 degree sensitive angle and 10M distance.
- 30 seconds to 3 minutes interval can be set.
- OFF, 10%, 30% or 50% standby brightness can be set.

GENERAL

The DLT6 T8 LED tubes are designed with PIR sensor, for ultimate energy saving and should be installed and maintained according the following recommendations. They are designed to operate in ambient temperature ranging from -20°C to 40°C.

UNPACKING

The tubes have been properly packed so that no parts should have been damaged during transit. Inspect to confirm. The carton should contain a luminaire and a user manual.

NOTE: Be careful not to impact or scratch the lens.

HANDLING

Damage may occur if luminaire is improperly handled outside of pack. Do not impact luminaire after removal from packaging.

SAFETY STANDARDS

EN60598-1: 2008 EN61547: 2009 EN55015/A2: 2009

! WARNING

To avoid the risk of electric shock, fire or injury, please note the following before installation or maintenance:

- Make sure the main power source is turned OFF.
- Do NOT take the luminaire apart or reassemble it.
- Do NOT use the luminaire in raining or wet environment.
- Check to confirm the rated working voltage and specification.
- Make sure the luminaire fixture is ground protected.
- Do NOT look directly at LED light source while energized.
- Turn power ON before making sure the luminaire is properly installed.

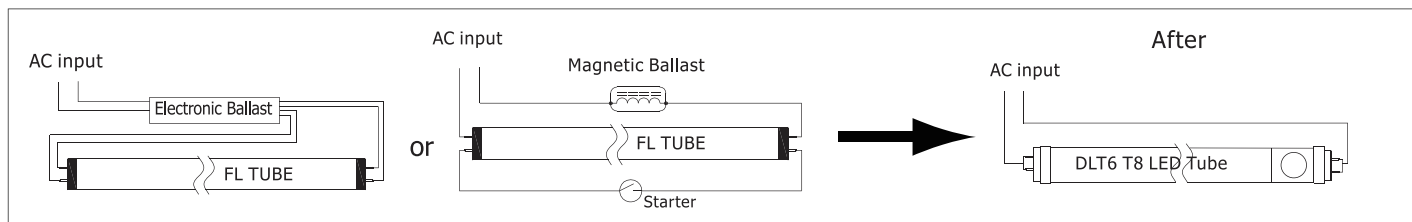
INSTALLATION STEPS

Retrofit Luminaire with Electronic Ballast

- 1, Turn OFF main power source.
- 2, Remove existing fluorescent tube.
- 3, Modify the circuits according to the following drawing.
- 4, Drop the DLT6 T8 LED Tube into the luminaire fixture.
- 5, Turn ON the main power to light it.

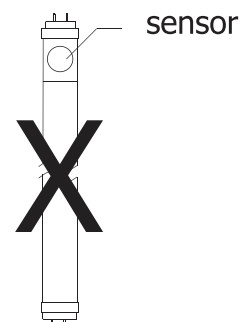
Retrofit Luminaire with Magnetic Ballast

- 1, Turn OFF main power source.
- 2, Remove existing fluorescent tube.
- 3, Modify the circuits according to the following drawing.
- 4, Drop the DLT6 T8 LED Tube into the luminaire fixture.
5. Turn ON the main power to light it.



! Make you sure before to use our lamp

1. Do not use lamp at horizontal (sensor of top), it may casue of failure of sensor
2. Sensor tube needs 2~5 sec for reset when it first give power. On/off sensor tube will be take 2~5sec. before igniton of light. Be sure it is not failure.



For more information, please check the data sheet.

lighting@dstitac.com www.dstitac.com

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A Sprit of Dutch

De Steiger 74, 1351AE Alme, The Netherlands



For more information, please contact sales dept.

lighting@dstitac.com www.dstitac.com

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