

LED LIGHTING



LED T8-1200 LAMP PIR SENSOR TUBE LIGHT

SENSOR DIMMING

VOICE DIMMING

INFRARED DIMMING

- UP TO 80% LESS ENERGY
- UP TO 50,000 HRS LIFETIME
- 0% MERCURY CONTENT
- NO POLLUTION
- HIGH EFFICIENCY
- FULL COLOR

CASE STUDY



CHEUNG KONG CENTER



CHEUNG KONG CENTER



CATHAY PACIFIC CATERING SERVICES



CATHAY PACIFIC CATERING SERVICES



THE CENTER



1881 HERITAGE



HAECO



HARBOUR PLAZA HOTEL

ENERGY SAVING CALCULATION - COMMERCIAL ELECTRICITY

Comparative	24 hrs Using Calculation	Commercial Electricity Cost (CLP)	Annual Cost	Life Time
General Tube	46w x 24hrs = 1104w (1.104kw / day)	1.104kw x HK\$ 1.13 / kwh = HK\$ 1.248 / day	HK\$ 1.369 x 365 days = HK\$ 455.52 / year	6,000 hours
LED Tube	10w x 24hrs = 240w (0.24kw / day)	0.24kw x HK\$ 1.13 / kwh = HK\$ 0.271 / day	HK\$ 0.271 x 365 days = HK\$ 98.915 / year	50,000 hours

★ Annual cost saving for Using LED Tube: **HK\$ 455.52 - HK\$ 98.915 = HK\$ 356.605 / year saving**

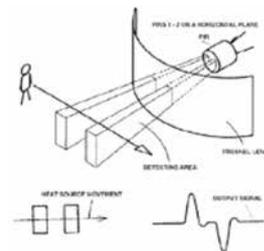
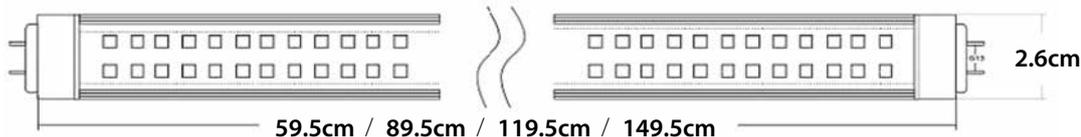
*** General Tube 36w + 10w (electric ballast + lamp starter) = 46w



KELLON WEBSITE: WWW.KELLON.NET

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T8 LED PIR SENSOR TUBE LIGHT



Infrared (PIR) Motion Sensor

Model No. : DH-T8-L06M-A1 Infrared Sensor 600mm

Specification	1. Power:	7. CRI: Ra>75
	Full Bright Condition 8w	8. Material: Pure Aluminum
	Semi-Bright Condition 2w	PC Milky White
	2. Dimension: Ø26mm*L 600mm	9. Ambient Temp: -20 °C ~ +60 °C
	3. Voltage: AC85-265V	10. Viewing Angle: 140°
	4. Working Frequency: 50-60Hz	11. LEDs: 88pcs
	5. CCT: 3000±175K/6000±300K	12. Power Supply: Internal
	6. Lumens:	13. Lifespan: ≥ 50,000 Hours
	Full Bright Condition: 1200LM±5%	
	Semi-Bright Condition: 300LM±5%	

Standby Sensor, the tube is semi-bright condition and the power now is 2W. When there are sensor open, the tube will turn to full bright condition and the power now is 8W. The Human passes by to turn to full bright condition. When it is passes out 15s. The tube will self adjust to semi-bright condition. Ideal for underground garage lighting. Really energy-saving.



Infrared (PIR) Motion Sensor

Model No. : DH-T8-L1.2M-A1 Infrared Sensor 1200mm

Specification	1. Power:	7. CRI: Ra>75
	Full Bright Condition 10w	8. Material: Pure Aluminum
	Semi-Bright Condition 3w	PC Milky White
	2. Dimension: Ø26mm*L 1200mm	9. Ambient Temp: -20 °C ~ +60 °C
	3. Voltage: AC85-265V	10. Viewing Angle: 140°
	4. Working Frequency: 50-60Hz	11. LEDs: 165pcs
	5. CCT: 3000±175K/6000±300K	12. Power Supply: Internal
	6. Lumens:	13. Lifespan: ≥ 50,000 Hours
	Full Bright Condition: 1500LM±5%	
	Semi-Bright Condition: 450LM±5%	

Standby Sensor, the tube is semi-bright condition and the power now is 3W. When there are sensor open, the tube will turn to full bright condition and the power now is 10W. The Human passes by to turn to full bright condition. When it is passes out 15s. The tube will self adjust to semi-bright condition. Ideal for underground garage lighting. Really energy-saving.



Infrared (PIR) Motion Sensor

Model No. : DH-T8-L1.2M-B1 Infrared Sensor 1200mm

Specification	1. Power:	7. CRI: Ra>75
	Full Bright Condition 18w	8. Material: Pure Aluminum
	Semi-Bright Condition 3.6w	PC Milky White
	2. Dimension: Ø26mm*L 1200mm	9. Ambient Temp: -20 °C ~ +60 °C
	3. Voltage: AC85-265V	10. Viewing Angle: 140°
	4. Working Frequency: 50-60Hz	11. LEDs: 288pcs
	5. CCT: 3000±175K/6000±300K	12. Power Supply: Internal
	6. Lumens:	13. Lifespan: ≥ 50,000 Hours
	Full Bright Condition: 2700LM±5%	
	Semi-Bright Condition: 540LM±5%	

Standby Sensor, the tube is semi-bright condition and the power now is 3.6W. When there are sensor open, the tube will turn to full bright condition and the power now is 18W. The Human passes by to turn to full bright condition. When it is passes out 15s. The tube will self adjust to semi-bright condition. Ideal for underground garage lighting. Really energy-saving.

機電工程署

EMSD



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