

# LED LIGHTING



## LED T8 LAMP

- 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 EXAMPLE - COMMERCIAL ELECTRICITY

Comparative	24 hrs Using Calculation	Commercial Electricity Cost (CLP)	Annual Cost	Life Time
<b>General Tube **</b>	46w x 24hrs = 1104w (1.104kw / day)	1.104kw x HK\$ 1.24 / kwh = HK\$ 1.369 / day	HK\$ 1.369 x 365 days = HK\$ 499.685 / year	6,000 hours
<b>LED Tube</b>	10w x 24hrs = 240w (0.24kw / day)	0.24kw x HK\$ 1.24 / kwh = HK\$ 0.2976 / day	HK\$ 0.2976 x 365 days = HK\$ 108.624 / year	50,000 hours

★ Annual cost saving for Using LED Tube: **HK\$ 499.685 - HK\$ 108.624 = HK\$ 391.061 / year saving**

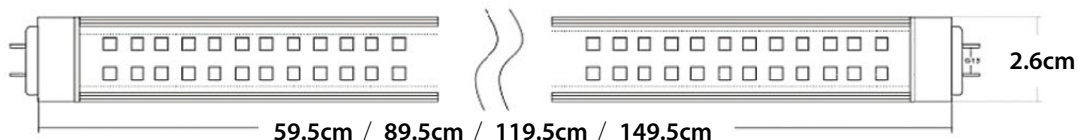
\*\* General Tube 36w + 10w (electric ballast + lamp starter) = 46w



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# T8 LED TUBE LIGHT



## Model No. : DH-T8-L06M 600mm

Specification	1. Power:	7. CRI: Ra $\geq$ 70-72
	Full Bright Condition <b>5w</b>	8. Material: Pure Aluminum Frosted PC Cover
	2. Dimension: $\varnothing$ 26mm x L 600mm	9. Ambient Temp: -20 °C ~ +60 °C
	3. Voltage: AC85-265V	10. Viewing Angle: 140° ~ 180°
	4. Working Frequency: 50-60Hz	11. Power Supply: Internal
	5. CCT: 3000 $\pm$ 175K to 6000 $\pm$ 300K	12. Lifespan: $\geq$ 50,000 Hours
	6. Lumens:	13. Certificate: CE / ROHS / IEC
	Full Bright Condition: 650LM $\pm$ 5%	



## Model No. : DH-T8-L1.2M 1200mm

Specification	1. Power:	7. CRI: Ra $\geq$ 70-72
	Full Bright Condition <b>10w</b>	8. Material: Pure Aluminum Frosted PC Cover
	2. Dimension: $\varnothing$ 26mm x L 1200mm	9. Ambient Temp: -20 °C ~ +60 °C
	3. Voltage: AC85-265V	10. Viewing Angle: 140° ~ 180°
	4. Working Frequency: 50-60Hz	11. Power Supply: Internal
	5. CCT: 3000 $\pm$ 175K to 6000 $\pm$ 300K	12. Lifespan: $\geq$ 50,000 Hours
	6. Lumens:	13. Certificate: CE / ROHS / IEC
	Full Bright Condition: 1300LM $\pm$ 5%	



## Model No. : DH-T8-L1.2M 1200mm

Specification	1. Power:	7. CRI: Ra $\geq$ 70-72
	Full Bright Condition <b>18w</b>	8. Material: Pure Aluminum Frosted PC Cover
	2. Dimension: $\varnothing$ 26mm x L 1200mm	9. Ambient Temp: -20 °C ~ +60 °C
	3. Voltage: AC85-265V	10. Viewing Angle: 140° ~ 180°
	4. Working Frequency: 50-60Hz	11. Power Supply: Internal
	5. CCT: 3000 $\pm$ 175K to 6000 $\pm$ 300K	12. Lifespan: $\geq$ 50,000 Hours
	6. Lumens:	13. Certificate: CE / ROHS / IEC
	Full Bright Condition: 2340LM $\pm$ 5%	



## Model No. : DH-T8-L1.5M 1500mm

Specification	1. Power:	7. CRI: Ra $\geq$ 70-72
	Full Bright Condition <b>22w</b>	8. Material: Pure Aluminum Frosted PC Cover
	2. Dimension: $\varnothing$ 26mm x L 1500mm	9. Ambient Temp: -20 °C ~ +60 °C
	3. Voltage: AC85-265V	10. Viewing Angle: 140° ~ 180°
	4. Working Frequency: 50-60Hz	11. Power Supply: Internal
	5. CCT: 3000 $\pm$ 175K to 6000 $\pm$ 300K	12. Lifespan: $\geq$ 50,000 Hours
	6. Lumens:	13. Certificate: CE / ROHS / IEC
	Full Bright Condition: 2860LM $\pm$ 5%	

機電工程署

EMSD



**KELLON**

HOTLINE:

(HK) 2381 1778 / (CHINA) 0769 8718 1448

KELLON ENERGY PERFORMANCE CONTRACTING LIMITED

HONG KONG OFFICE:

RM 2507, 25/F, TSUEN WAN IND. CENTRE,  
220 TEXACO ROAD, TSUEN WAN, N.T. HONG KONG.

TEL: (852) 2381 1778

WEBSITE: WWW.KELLON.NET

FAX: (852) 8148 2452

EMAIL: INFO@KELLON.NET

GUANGDONG OFFICE:

UNIT 18, G/F, YI HUA GARDEN, SAN HING STREET,  
ZHANGMUTOU TOWN, DOGGUAN CITY,  
GUANGDONG PROVINCE, CHINA

TEL: (0769) 8718 1448 FAX: (0769) 8718 1213

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