

T8 LED LINEARS

ecoLED™
A DIVISION OF ecopower®



For use with indoor existing and new fluorescent luminaires where low cost, fast conversion of existing fixtures is required. This LED retrofit kit installs in minutes and lasts on average of 15 years running 10 hours a day, 5 days a week

FEATURES

- Typical power savings at 50% and long life, low maintenance
- Solid state, high shock & vibration resistant, easy install
- Excellent light dispersion & output, instant start, no flickering or humming
- Aluminum heat sink, thermal management independent of fixture
- No mercury; No recycling costs
- Fits standard troffer, commercial fixtures
- All linears come with a kit that includes 1 – non shunted RS tombstone socket,
- Labels identifying power end and replace only with stickers to conform with
- CSA and cULu labelling requirements.

OPTIONS

- Kelvin : 3000k, 4000k, 5000k
- Voltages: 100 -277vAC and 347vAC
- Clear or Frosted lens
- 0-10 vDC Dimmable for external driver option only
- Triac Dimmable for internal driver only

TECHNICAL SPECIFICATIONS

Housing	6060 Aluminum and White Polymers
Lens	Clear, frosted
Mounting	T8 Tombstone sockets
Applications	Retrofit existing fluorescent fixtures; new fluorescent style fixtures

ELECTRICAL SPECIFICATIONS

LED Engine	Standard SMD 3528
Available Wattages	10w, 15w, 18w, 22w, 31w, 40w
Power Source	Internal driver
Power Factor	>0.9
Ambient temperature	-40° to 40°C
Available Voltages	110-277vAC (standard), 347vAC option (*some 347v options may require an external transformer)

OPTICAL & PERFORMANCE SPECIFICATIONS

Lumen Output	2' - 10w: 1160L ± 5% 3' - 10w: 1160L ± 5% 4' - 15w: 1650L ± 5%, 18w: 2088L ± 5%, 22w: 2450L ± 5% 5' - 22w: 2450L ± 5% 6' - 31w: 3500L ± 5%
CRI	>80, available in food service grade up to >90 CRI
Beam Angle	150°
L70	>50,000 hours
LM79	110-116 Lumens per watt
Downflux Efficiency	98.4% (clear lens)
Certifications	Meets cULu standards, CE, and RoHS



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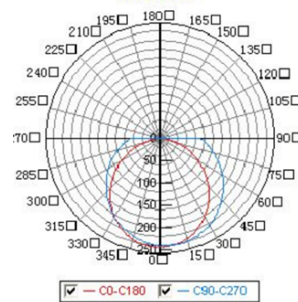
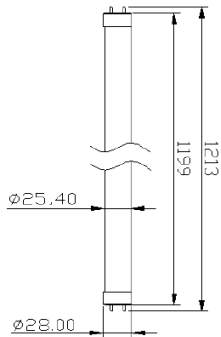
Warranty is only valid based on fixtures operating for 12 hours or less per day.



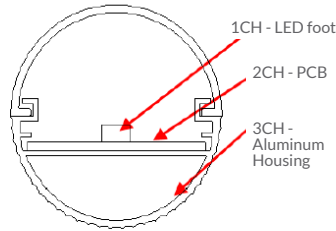
A Canadian
Manufacturer

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DIMENSIONS & PHOTOMETRICS



TEMPERATURE RISE TEST

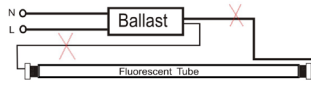


Test Sensor Number	Test Point	Results (C/F)
1C	LED mounting foot	60
2CH	PCB	50
3CH	Housing	48
4CH	Ambient Temp	34

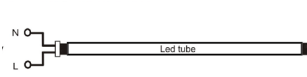
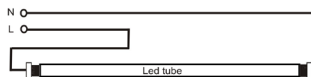
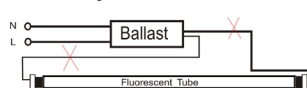
Conditions: voltage 220V ac, data measured after 4 hours.

Internal Driver

Double Power End

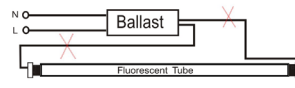


Single Power End

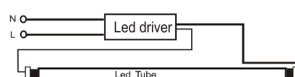
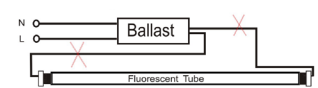


External Driver

Double Power End



Single Power End



AVAILABLE MODELS

T8840WCWV4L2DE
T8831WCWV4L2DE
T88-40WCWV4L1DE
T88-31WCWV4L1DE
T8422WNWV4L1DE
T8422WDLV4L1DE
T8422WCWV4L1DE
T8422W45KV4L2DE
T84181WWWV4L1DE
T8418WDLV4L1DE
T8418WCWV4L1R
T8418WCWV4L1DE
T8418WCWV2L2-EX
T8418W45KV4L2DE
T8418W45KV4L1DE
T83-10WCWV4L2
T83-10WCWV4L1
T8-DLC6-30WCWV4L 1-EX
T8-DLC5-22WCWV4L 1-EX
T8-DLC422WNWV4L2SL
T8-DLC422WNW90-140VL2B02
T8-DLC422WDLV5L1
T8-DLC422WDLV4L1SL

T8-DLC422WDLV4L1
T8-DLC422WCWV4L2DE
T8-DLC422WCWV4L1DE
T8-DLC422W45KV4L2B02
T8-DLC422W45KV4L2
T8-DLC422W45KV4L1
T8-DLC418WWWV4L2B02
T8-DLC418WCWV4L2-B02
T8-DLC418WCWV4L2(B)
T8-DLC418WCWV4L1IN
T8-DLC418WCWV4L1B02
T8-DLC418WCW90-140VL2-B02
T8-DLC418W45KV4L2B02
T8-DLC418W45KV4L2
T8-DLC418W45KV4L1
T8-DLC415WNWV4L2R
T8-DLC4-22WNWV4L2
T8-DLC4-22WNWV4L1
T8-DLC4-22WCWV4L2
T8-DLC4-22WCWV4L1
T8-DLC4-22W45KV4L2
T8-DLC4-22W45KV4L 1
T8-DLC4-22W35KV4L2

T8-DLC4-18WWWV4L2-B03
T8-DLC4-18WWWV4L2
T8-DLC4-18WWWV4L1-B02
T8-DLC4-18WWWV4L1
T8-DLC4-18WNWV4L2-B02
T8-DLC4-18WNWV4L2
T8-DLC4-18WNWV4L1
T8-DLC4-18WCWV5L1
T8-DLC4-18WCWV4L2
T8-DLC4-18WCWV4L1-B02
T8-DLC4-18WCWV4L1
T8-DLC4-10WNWV4L2
T8-DLC215WNWV4L2
T8-DLC210WNWV4L2B02
T8-DLC210W45KV4L2
T8-DLC210W45KV90-140VL2-B02
T8-DLC2-10WNWV4L2
T8-DLC2-10WNW90-140VL2-B02
T8-DLC2-10WCWV4L2
T8-DLC2-10W45KV4L2
T8-418W55KV4L1