



Goodlight™

Fluoro-Style LED Tubes

T8 | T10 | T12

KEY FEATURES

Replaces standard T8, T10 & T12 fluorescent tube lamps

High lumen output of up to 120Lm/W

Available in lengths from 2ft to 8ft

Provides even light spread with no shadowing

90° rotatable pins

Flicker-free

Single-ended connection

Emergency & Dimmable options available (DALI, 0-10V)

MAINTENANCE SAVINGS

>95%

ENERGY SAVINGS

>80%

LAMP EFFICACY (UP TO)

120_{Lm/W}



50,000
HOURS



INSTANT
ON



FLICKER
FREE



EXTREME
TEMPS





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*Also available with clear lens for above average ceiling heights



The LED retrofit solution to fluorescent tubes

The Goodlight™ Fluoro-style LED Tube Lamps replace standard T8, T10 & T12 fluorescent tube lamps and are available in all lengths from 2ft to 8ft. They easily retrofit into your existing fittings and operate independently of external control gear. With a translucent lens cover, this tube looks just like a fluorescent tube, once installed! It delivers up to an impressive 120lm/W output from its 120° beam angle, providing bright, even light with no shadowing. Our T8 LED Tubes are glare-free and flicker-free, ensuring consistent light output for all applications.

The tubes are configured with a single-ended connection, deemed best for safety, and also reducing installation time by half.

With rotatable pins which can adjust up to 90°, they can be suitably retrofitted into any fitting.

Available in three colour temperatures, with Emergency and Dimmable options available (DALI, 0-10V).

Suitable for a range of environments including offices, commercial, display, retail, amenity and industrial.

These LED Tubes are also glass-free, making them suitable for food and drink production, cold storage and refrigeration applications.

Approved by Transport for London: The Goodlight™ T8 LED Tubes have been rigorously tested and approved for use in Non-Section 12 Areas on the London Underground Network including rail, bus stations, tube, depots and bus shelters.

REPLACES

T8, T10 & T12 FLUORESCENT TUBES

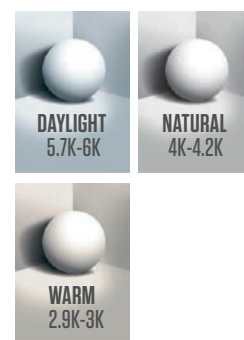
SUITABLE FOR

TASK LIGHTING
OFFICES & COMMERCIAL
DISPLAY & RETAIL
COLD STORAGE &
REFRIGERATION
AMENITY LIGHTING
INDUSTRIAL SPACES

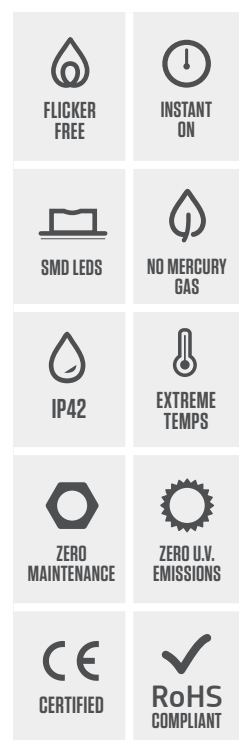
OPERATING TEMP.

-20°C > 50°C

WHITE TEMPERATURE



PRODUCT FEATURES



5 YEAR
GUARANTEE

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ELECTRICAL PARAMETERS

Input Voltage	100 - 277V AC
Frequency	50Hz - 60Hz
Power Factor	>0.9
Operating Temp	-20°C to 50°C
Housing	Aluminium & PC
Cap (Connector)	G13 (universal)
Beam Angle	120°
CRI (Ra)	>80
IP Rating	IP42
Dimmable	Yes (Optional - DALI, 0-10V)
Lifespan	50,000 Hours
Lumens per Watt (up to)	120Lm/W
Complies with	EMC Directive 2004/108/EC, EN55015:2006+A1:2007+A2:2009, EN61547:2009, EN61000-3-2:2006+A1:2009+A2:2009, EN61000-3-3:2008, LVD Directive 2006/95/EC, LVDADCO Recommendations Feb 2011

TECHNICAL PARAMETERS

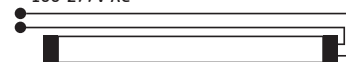
LENGTH	WATTAGE	PRODUCT CODE	COLOUR TEMPERATURE	LUMENS	LUMINANCE CONE	DISTRIBUTION CURVE
2ft / 600mm	10W	T8TUBSMD202-2	Daylight (5.7K-6K)	1,200		
		T8TUBSMD201-2	Natural (4K-4.2K)	1,140		
		T8TUBSMD203-2	Warm (2.9K-3K)	1,080		
3ft / 900mm	15W	T8TUBSMD302-2	Daylight (5.7K-6K)	1,800		
		T8TUBSMD301-2	Natural (4K-4.2K)	1,710		
		T8TUBSMD303-2	Warm (2.9K-3K)	1,625		
4ft / 1200mm	20W	T8TUBSMD402-2	Daylight (5.7K-6K)	2,400		
		T8TUBSMD401-2	Natural (4K-4.2K)	2,280		
		T8TUBSMD403-2	Warm (2.9K-3K)	2,160		
5ft / 1500mm	25W	T8TUBSMD502-2	Daylight (5.7K-6K)	3,000		
		T8TUBSMD501-2	Natural (4K-4.2K)	2,850		
		T8TUBSMD503-2	Warm (2.9K-3K)	2,160		
6ft / 1800mm	30W	T8TUBSMD602-2	Daylight (5.7K-6K)	3,600		
		T8TUBSMD601-2	Natural (4K-4.2K)	3,420		
		T8TUBSMD603-2	Warm (2.9K-3K)	3,250		
8ft / 2400mm	35W	T8TUBSMD802-2	Daylight (5.7K-6K)	4,200		
		T8TUBSMD801-2	Natural (4K-4.2K)	3,990		
		T8TUBSMD803-2	Warm (2.9K-3K)	3,790		

*Photometric data available on request. Custom sizes available on request.

Test Conditions: Dark room, single lamp only.



WIRING DIAGRAM:
100-277V AC



SINGLE END CONNECTION ▲

EMERGENCY & DIMMABLE FUNCTIONS:

Please see next page for Goodlight™ Emergency & Dimmable LED Tubes.

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Emergency Function (optional)

- Custom-configured LED tube lamp
- Includes a compact, slim-line battery / driver module, ideal for retrofitting into existing fixtures
- Minimum 3 hour operation

For Goodlight™ LED Tubes that operate in the event of Mains Failure, you need to order a suitable 3Hr LED Emergency Battery Pack. Choose from the following options:

MODEL	PRODUCT CODE	DURATION	RECHARGE PERIOD	ENCLOSURE DIMENSIONS (L x W x H)	BATTERY DIMENSIONS (L x Ø)
LED Emergency Conversion Pack (3Hr) Non-Self Test <small>See ULEDEMGCP datasheet for further details.</small>	ULEDEMGCP	3 Hours	24 Hours	230mm x 52mm x 30mm	270mm x 38mm
LED Emergency Conversion Pack DALI Self-Test (3Hr) <small>See LEDCPEMG2 datasheet for further details.</small>	LEDCPEMG2	3 Hours	24 Hours	209mm x 45mm x 21.5mm	240mm x 25mm

Dimmable Function (optional)

For Dimmable Goodlight™ LED Tubes, you will require a custom version of our LED Tube with a suitable dimmable driver. Order T8 LED Tube and Driver separately from the following:

MODEL	PRODUCT CODE	DALI DIMMABLE	0-10V DIMMABLE
3ft	T8TUBSMD302DC-2 T8TUBSMD301DC-2 T8TUBSMD303DC-2	LCM25DA	LCM25
4ft	T8TUBSMD402DC-2 T8TUBSMD401DC-2 T8TUBSMD403DC-2	LCM25DA	LCM25
5ft	T8TUBSMD502DC-2 T8TUBSMD501DC-2 T8TUBSMD503DC-2	LCM25DA	LCM25
6ft	T8TUBSMD602DC-2 T8TUBSMD601DC-2 T8TUBSMD603DC-2	LCM40DA	LCM40
8ft	T8TUBSMD802DC-2 T8TUBSMD801DC-2 T8TUBSMD803DC-2	LCM40DA	LCM40