



MASTER TL-D Super 80 23W/840 1SL

Product family description
Low-pressure mercury discharge lamps with a tubular
26 mm envelope

Product Features

- Highly efficient 3-band fluorescent coating in combination with New Generation pre-coating technology
- High initial light output
- Available in varying colour designations
- Low mercury dose

Product Benefits

- Special fluorescent coating gives good colour rendering
- Relatively high efficacy, both initially and during lamp lifetime, with high lumen maintenance
- Create atmospheres from warm white to cool daylight

Environment

- Best environmental T8 choice because of TL-D /800 superior energy efficiency compared to TL-D Standard lamps. Lowest mercury content in the industry and 100% lead free
- Lowest amount of mercury in the market for colour 800 fluorescent tubes
- RoHS compliant
- This product range is covered by WEEE

Application

- Suitable for use in a wide range of luminaires for TL-D fluorescent lamps for 'human' applications such as schools, offices, shops, factory halls etc.

System

- Can be used with conventional or electronic gear
- Higher efficacy is achieved with electronic gear

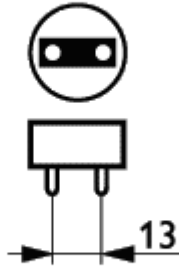
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Full product code	871150055870140
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Full product name	MASTER TL-D Super 80 23W/840 1SL

Product data	
Order product name	MASTER TL-D Super 80 23W/840 1SL/25
Packing type	1 Sleeve Open End
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500558701
Bar code on intermediate packing - EAN2	
Bar code on outerbox - EAN3	8711500558725
Logistic code(s) - 12NC	9279 225 84014
ILCOS code	FD-23/40/1B-E-G13
Net weight per piece	120.000 GR
Successor order code	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Bulb	T8 [26mm]
Life to 50% failures EM	15000 hr
Life to 50%failures Preheat EL	20000 hr
Life to 50%failures Nonpreh EL	12000 hr
Life to 10%failures Nonpreh EL	10000 hr
Life to 10%failures Preheat EL	17000 hr
Life to 10% failures EM	12000 hr
Rated Lamp Wattage	23W
Lamp Wattage EM	23.0 W
Lamp Voltage EM	95 V
Lamp Current EM	0.30 A
Dimmable	yes
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	2.0 mg
Colour Code	840 [CCT of 4000K]
Colour Rendering Index	85 Ra8
Colour Designation	Cool White
Colour Temperature	4000 K
Chromaticity Coordinate X	380 -
Chromaticity Coordinate Y	378 -
Lamp Luminous Flux EM	2050 Lm
Lamp Luminous Efficacy EM	89 Lm/W
Lumen Maintenance 2000h	96 %
Lumen Maintenance 5000h	94 %
Lumen Maintenance 10000h	92 %
Lumen Maintenance 15000h	90 %
Average Luminance EM	0.95 cd/cm2



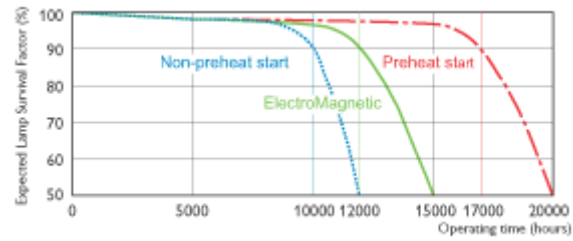
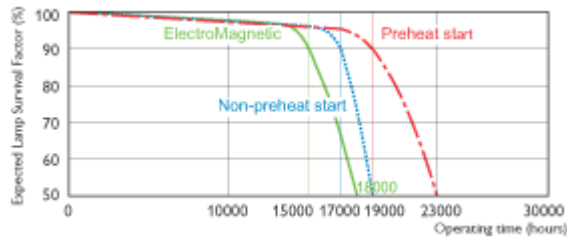
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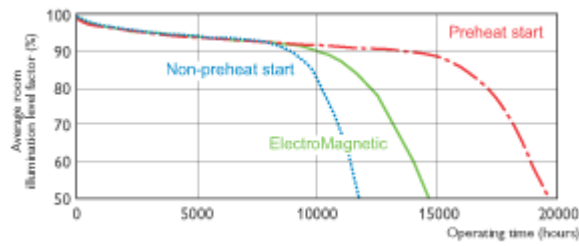
asimpleswitch.com

Cap-Base G13



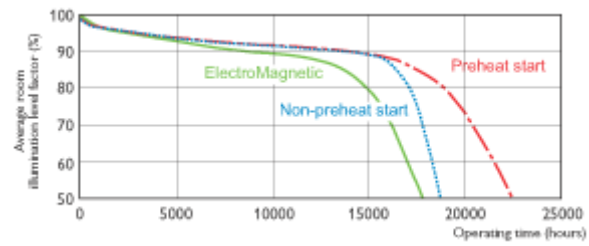
Life Expectancy 12h cycle

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Life Expectancy 3h cycle

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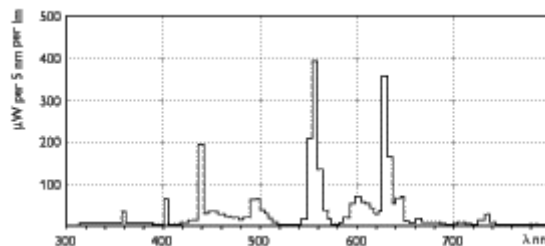
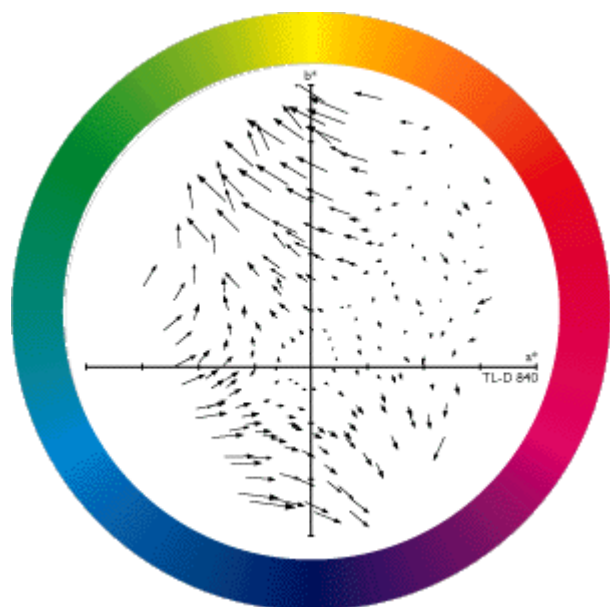
Service Life 12h cycle

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Service Life 12h cycle

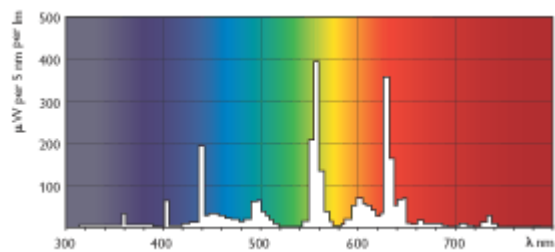
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PHILIPS

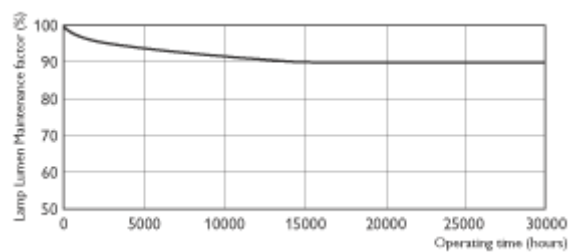


Lightcolor /840
MASTER TL-D Super 80/840

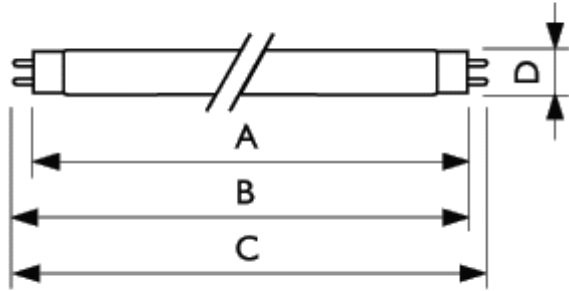
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Lightcolor /840
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	A	B	B	C	D
Full product name	Max	Min	Max	Max	Max
MASTER TL-D Super 80 23W/840 1SL	970.0	974.7	977.1	984.2	28

