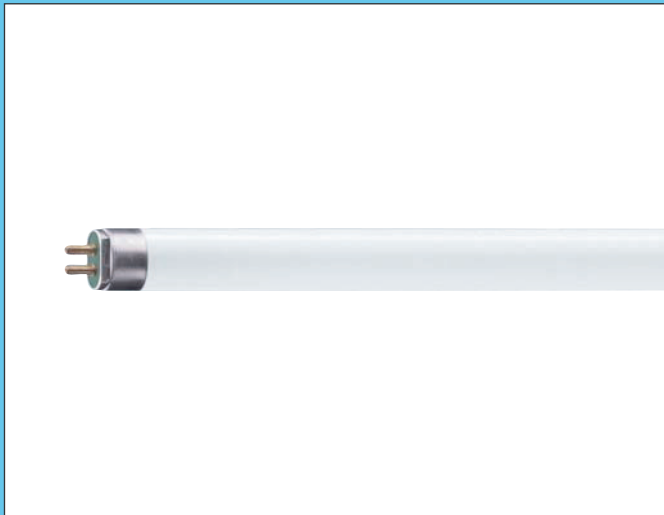


TL5



TL5

MASTER TL5 High Output Super 80

Product Description

- Low-pressure mercury discharge lamps with a tubular 16 mm envelope

Product Feature

- 40% thinner than TL-D lamps
- Designed for high lumen output and system miniaturization
- Highly efficient 3-band fluorescent coating in combination with precoating
- Specifically designed for operation with electronic gear and well suited for dimming
- Maximum lumen output reached at approx. 35°C in free-burning position if an HF electronic ballast without additional electrode heating is used
- Can be ignited from -15° to +50°C
- Green end-plate indicates full recyclable lamp technology

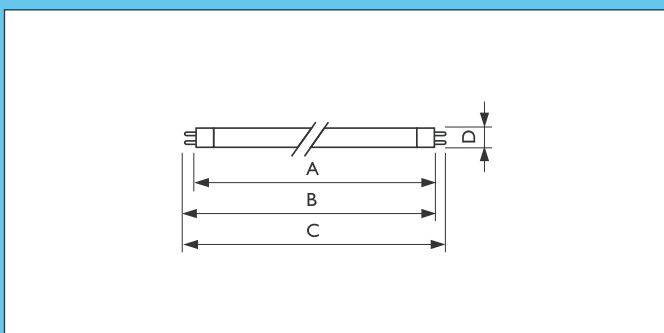
Product Benefit

- Allow system miniaturisation and maximum luminaire design freedom
- Lamp lengths enable easy fitting into ceiling module systems
- Optimised for installations which need high luminous flux
- Virtually constant lumen level with excellent lumen maintenance
- Good color rendering

Application

- The combination of a compact lamp and high lumen package of the MASTER TL5 HO offers exciting opportunities for architectural lighting and customised solutions
- Offers economic solutions with high-ceiling lighting in shops, industry and department stores
- The high luminous flux gives optimal results in aesthetic pendants and furniture-mounted luminaires in offices, workshops, restaurants and reception areas

Dimensions in mm



Product ID	Overall length			Diameter
	A max.	B max.	C max.	D max.
24W	549.0	556.1	563.2	17
39W	849.0	856.1	863.2	17
49W	1449.0	1456.1	1463.2	17
54W	1149.0	1156.1	1163.2	17
80W	1449.0	1456.1	1463.2	17

Preferred selection

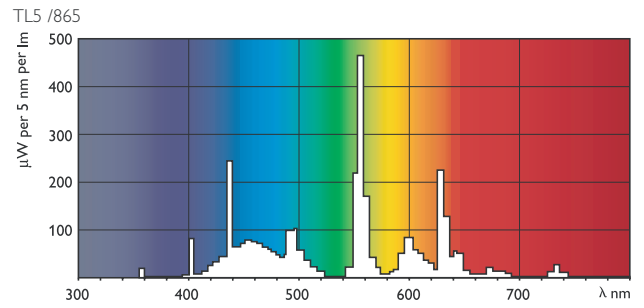
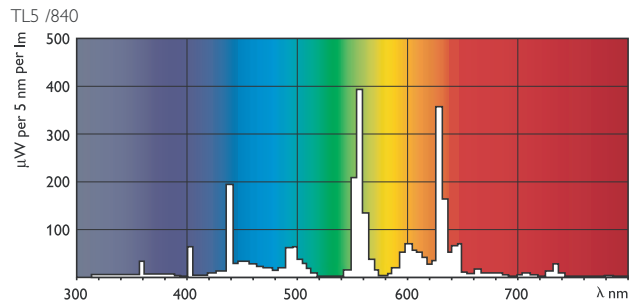
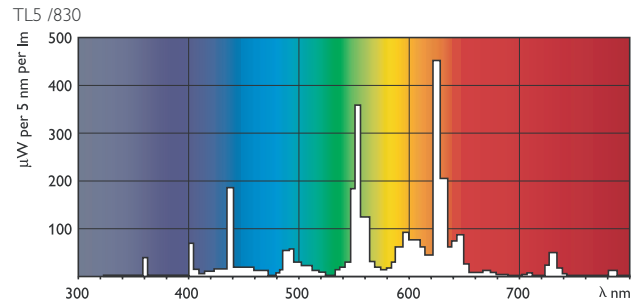
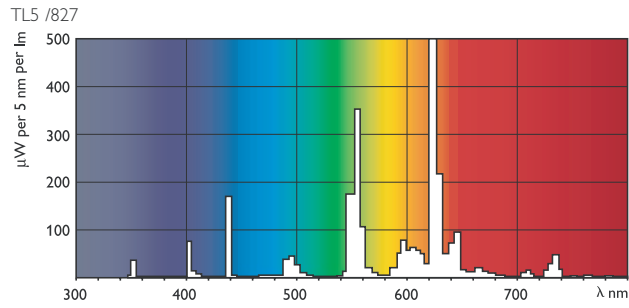
Product ID	Rated Lamp Wattage [W]	Cap Base	Color Temperature [K]	Color Rendering Index [Ra]	Color Designation
MASTER TL5 HO Super 80 24W/827 SLV	24	G5	2700	85	Incandescent White
MASTER TL5 HO Super 80 24W/830 SLV	24	G5	3000	85	Warm White
MASTER TL5 HO Super 80 24W/840 SLV	24	G5	4000	85	Cool White
MASTER TL5 HO Super 80 24W/865 SLV	24	G5	6500	85	Cool Daylight
MASTER TL5 HO Super 80 39W/827 SLV	39	G5	2700	85	Incandescent White
MASTER TL5 HO Super 80 39W/830 SLV	39	G5	3000	85	Warm White
MASTER TL5 HO Super 80 39W/840 SLV	39	G5	4000	85	Cool White
MASTER TL5 HO Super 80 39W/865 SLV	39	G5	6500	85	Cool Daylight
MASTER TL5 HO Super 80 49W/827 SLV	49	G5	2700	85	Incandescent White
MASTER TL5 HO Super 80 49W/830 SLV	49	G5	3000	85	Warm White
MASTER TL5 HO Super 80 49W/840 SLV	49	G5	4000	85	Cool White
MASTER TL5 HO Super 80 49W/865 SLV	49	G5	6500	85	Cool Daylight
MASTER TL5 HO Super 80 54W/830 SLV	54	G5	3000	85	Warm White
MASTER TL5 HO Super 80 54W/840 SLV	54	G5	4000	85	Cool White
MASTER TL5 HO Super 80 54W/865 SLV	54	G5	6500	85	Cool Daylight
MASTER TL5 HO Super 80 80W/830 SLV	80	G5	3000	85	Warm White
MASTER TL5 HO Super 80 80W/840 SLV	80	G5	4000	85	Cool White
MASTER TL5 HO Super 80 80W/865 SLV	80	G5	6500	85	Cool Daylight

Product ID	Chromaticity Coordinate X	Chromaticity Coordinate Y	Luminous Flux Lamp [lm]	Life to 50% Failures Preheat EL [hrs]	Nett Product in Grams [gr]
MASTER TL5 HO Super 80 24W/827 SLV	469	419	2000	24000	53.00
MASTER TL5 HO Super 80 24W/830 SLV	438	403	2000	24000	53.00
MASTER TL5 HO Super 80 24W/840 SLV	381	379	2000	24000	53.00
MASTER TL5 HO Super 80 24W/865 SLV	316	336	1900	24000	53.00
MASTER TL5 HO Super 80 39W/827 SLV	469	419	3500	24000	80.50
MASTER TL5 HO Super 80 39W/830 SLV	438	403	3500	24000	80.50
MASTER TL5 HO Super 80 39W/840 SLV	381	379	3500	24000	80.50
MASTER TL5 HO Super 80 39W/865 SLV	316	336	3300	24000	80.50
MASTER TL5 HO Super 80 49W/827 SLV	469	419	4900	24000	128.70
MASTER TL5 HO Super 80 49W/830 SLV	438	403	4900	24000	128.70
MASTER TL5 HO Super 80 49W/840 SLV	381	379	4900	24000	128.70
MASTER TL5 HO Super 80 49W/865 SLV	316	336	4650	24000	128.70
MASTER TL5 HO Super 80 54W/830 SLV	438	403	5000	24000	104.50
MASTER TL5 HO Super 80 54W/840 SLV	381	379	5000	24000	104.50
MASTER TL5 HO Super 80 54W/865 SLV	316	336	4750	24000	104.50
MASTER TL5 HO Super 80 80W/830 SLV	438	403	7000	24000	132.00
MASTER TL5 HO Super 80 80W/840 SLV	381	379	7000	24000	132.00
MASTER TL5 HO Super 80 80W/865 SLV	316	336	6650	24000	132.00

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Spectral power distribution



Lumen maintenance diagram

