



Product Description

MASTER TL5 Circular

16 mm tube diameter circular fluorescent lamps with a choice of various diameters

Benefits

- Slim 16 mm tube allows creation of extremely flat luminaires
- Allows appealing circular designs
- High lamp efficacy
- Good colour rendering
- Temperature independent light output
- Higher average system efficiency

Features

- Perfect circular shape
- Highly efficient 3-band fluorescent coating
- Specifically designed for operation with electronic gear
- Can be ignited from -15° to +50°C
- Amalgam technology

Application

- Brings the benefits of TL5 lighting to an even wider range of attractive applications
- Suitable for a wide range of professional and semi-professional applications
- Ideal for use in shops, offices and public areas with non-traditional lay-outs
- Amalgam lamps are limited suitable for dimming applications

Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

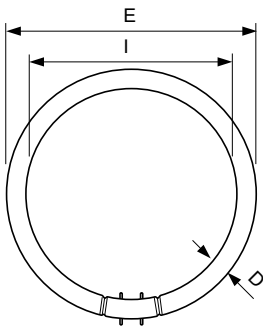
MASTER TL5 Circular

Versions



C-T5 2GX13

Dimensional drawing



Product	D (max)	D (min)	E (min)	E (max)	I (min)	I (max)
MASTER TL5 Circular 40W/840 1CT/10	18 mm	14 mm	293 mm	305 mm	260 mm	272 mm
MASTER TL5 Circular 22W/830 1CT/10	18 mm	14 mm	220 mm	230 mm	187 mm	197 mm
MASTER TL5 Circular 60W/840 1CT/10	18 mm	14 mm	367 mm	379 mm	334 mm	346 mm
MASTER TL5 Circular 55W/840 1CT/10	18 mm	14 mm	293 mm	305 mm	260 mm	272 mm
MASTER TL5 Circular 55W/830 1CT/10	18 mm	14 mm	293 mm	305 mm	260 mm	272 mm
MASTER TL5 Circular 60W/830 1CT/10	18 mm	14 mm	367 mm	379 mm	334 mm	346 mm
MASTER TL5 Circular 40W/830 1CT/10	18 mm	14 mm	293 mm	305 mm	260 mm	272 mm
MASTER TL5 Circular 22W/840 1CT/10	18 mm	14 mm	220 mm	230 mm	187 mm	197 mm

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Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	4 mg

Controls and Dimming

Dimmable	Yes
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General Information

Cap-Base	2GX13
Life To 50% Failures Preheat (Nom)	12000 h
LSF Preheat 16000 h Rated	10 %
LSF Preheat 20000 h Rated	1 %
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	96 %
LSF Preheat 8000 h Rated	89 %

Light Technical

Color Rendering Index (Nom)	82
LLMF 12000 h Rated	77 %
LLMF 16000 h Rated	74 %
LLMF 2000 h Rated	91 %
LLMF 20000 h Rated	72 %
LLMF 4000 h Rated	87 %
LLMF 6000 h Rated	84 %
LLMF 8000 h Rated	81 %

Mechanical and Housing

Bulb Shape	C-T5
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
64095625	MASTER TL5 CIRCULAR 22W/830 1CT/10	25 kWh
64221925	MASTER TL5 CIRCULAR 22W/840 1CT/10	25 kWh
64097025	MASTER TL5 CIRCULAR 40W/830 1CT/10	44 kWh
64223325	MASTER TL5 CIRCULAR 40W/840 1CT/10	44 kWh
64279025	MASTER TL5 CIRCULAR 55W/830 1CT/10	61 kWh
64251625	MASTER TL5 CIRCULAR 55W/840 1CT/10	61 kWh
64259225	MASTER TL5 CIRCULAR 60W/830 1CT/10	66 kWh
64261525	MASTER TL5 CIRCULAR 60W/840 1CT/10	66 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
64095625	MASTER TL5 CIRCULAR 22W/830 1CT/10	0.300 A	22.3 W
64221925	MASTER TL5 CIRCULAR 22W/840 1CT/10	0.300 A	22.3 W
64097025	MASTER TL5 CIRCULAR 40W/830 1CT/10	0.320 A	39.9 W
64223325	MASTER TL5 CIRCULAR 40W/840 1CT/10	0.320 A	39.9 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
64279025	MASTER TL5 CIRCULAR 55W/830 1CT/10	0.550 A	55.0 W
64251625	MASTER TL5 CIRCULAR 55W/840 1CT/10	0.550 A	55.0 W
64259225	MASTER TL5 CIRCULAR 60W/830 1CT/10	0.470 A	60.0 W
64261525	MASTER TL5 CIRCULAR 60W/840 1CT/10	0.470 A	60.0 W

Light Technical (1/2)

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
64095625	MASTER TL5 CIRCULAR 22W/830 1CT/10	830	Warm White (WW)	3000 K	82 lm/W

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
64221925	MASTER TL5 CIRCULAR 22W/840 1CT/10	840	Cool White (CW)	4100 K	82 lm/W

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Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
64097025	MASTER TL5 CIRCULAR 40W/830 1CT/10	830	Warm White (WW)	3000 K	83 lm/W
64223325	MASTER TL5 CIRCULAR 40W/840 1CT/10	840	Cool White (CW)	4000 K	83 lm/W
64279025	MASTER TL5 CIRCULAR 55W/830 1CT/10	830	Warm White (WW)	3000 K	76 lm/W

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
64251625	MASTER TL5 CIRCULAR 55W/840 1CT/10	841	Cool White (CW)	4100 K	76 lm/W
64259225	MASTER TL5 CIRCULAR 60W/830 1CT/10	830	Warm White (WW)	3000 K	83 lm/W
64261525	MASTER TL5 CIRCULAR 60W/840 1CT/10	840	Cool White (CW)	4000 K	83 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
64095625	MASTER TL5 CIRCULAR 22W/830 1CT/10	1800 lm	1800 lm
64221925	MASTER TL5 CIRCULAR 22W/840 1CT/10	1800 lm	1800 lm
64097025	MASTER TL5 CIRCULAR 40W/830 1CT/10	3300 lm	3300 lm
64223325	MASTER TL5 CIRCULAR 40W/840 1CT/10	3300 lm	3300 lm

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
64279025	MASTER TL5 CIRCULAR 55W/830 1CT/10	4200 lm	4200 lm
64251625	MASTER TL5 CIRCULAR 55W/840 1CT/10	4200 lm	4200 lm
64259225	MASTER TL5 CIRCULAR 60W/830 1CT/10	5000 lm	5000 lm
64261525	MASTER TL5 CIRCULAR 60W/840 1CT/10	5000 lm	5000 lm

