



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

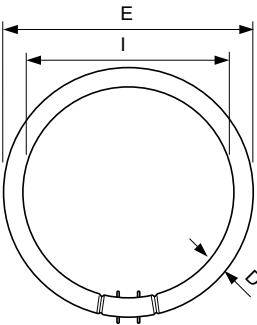
- Brings the benefits of TL5 lighting to an even wider range of attractive applications
- Suitable for a wide range of professional and semi-professional applications
- Ideal for use in shops, offices and public areas with non-traditional lay-outs
- Amalgam lamps are limited suitable for dimming applications

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.

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Dimensional drawing



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

General Information	
Cap-Base	2GX13
Light Technical	
Color rendering index (CRI)	81
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	C-T5
Approval and Application	
Mercury (Hg) Content (Max)	4 mg
Mercury (Hg) Content (Nom)	4 mg

General Information

Order Code	Full Product Name	Nominal lifetime
64095625	MASTER TL5 CIRCULAR 22W/830 1CT/10	-
64221925	MASTER TL5 CIRCULAR 22W/840 1CT/10	12,000 hour(s)
64097025	MASTER TL5 CIRCULAR 40W/830 1CT/10	-
64223325	MASTER TL5 CIRCULAR 40W/840 1CT/10	-

Order Code	Full Product Name	Nominal lifetime
64279025	MASTER TL5 CIRCULAR 55W/830 1CT/10	12,000 hour(s)
64251625	MASTER TL5 CIRCULAR 55W/840 1CT/10	12,000 hour(s)
64259225	MASTER TL5 CIRCULAR 60W/830 1CT/10	12,000 hour(s)
64261525	MASTER TL5 CIRCULAR 60W/840 1CT/10	-

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color	Luminous Efficacy	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)		Temperature (Nom)	(rated) (Nom)	
64095625	MASTER TL5 CIRCULAR 22W/830 1CT/10	0.44	0.403	Warm White (WW)	3000 K	82 lm/W	1,800 lm

MASTER TL5 Circular

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
64221925	MASTER TL5 CIRCULAR 22W/840 1CT/10	0.38	0.38	Cool White (CW)	4000 K	82 lm/W	1,800 lm
64097025	MASTER TL5 CIRCULAR 40W/830 1CT/10	0.44	0.403	Warm White (WW)	3000 K	83 lm/W	3,300 lm
64223325	MASTER TL5 CIRCULAR 40W/840 1CT/10	0.38	0.38	Cool White (CW)	4000 K	83 lm/W	3,300 lm
64279025	MASTER TL5 CIRCULAR 55W/830 1CT/10	0.44	0.403	Warm White (WW)	3000 K	76 lm/W	4,210 lm
64251625	MASTER TL5 CIRCULAR 55W/840 1CT/10	0.38	0.38	Cool White (CW)	4000 K	76 lm/W	4,210 lm
64259225	MASTER TL5 CIRCULAR 60W/830 1CT/10	0.44	0.403	Warm White (WW)	3000 K	83 lm/W	5,000 lm
64261525	MASTER TL5 CIRCULAR 60W/840 1CT/10	0.38	0.38	Cool White (CW)	4000 K	83 lm/W	5,000 lm

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
64095625	MASTER TL5 CIRCULAR 22W/830 1CT/10	0.300 A	23.5 W
64221925	MASTER TL5 CIRCULAR 22W/840 1CT/10	0.300 A	23.5 W
64097025	MASTER TL5 CIRCULAR 40W/830 1CT/10	0.320 A	40.5 W
64223325	MASTER TL5 CIRCULAR 40W/840 1CT/10	0.320 A	40.5 W

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
64279025	MASTER TL5 CIRCULAR 55W/830 1CT/10	0.550 A	55.7 W
64251625	MASTER TL5 CIRCULAR 55W/840 1CT/10	0.550 A	55.7 W
64259225	MASTER TL5 CIRCULAR 60W/830 1CT/10	0.470 A	60.6 W
64261525	MASTER TL5 CIRCULAR 60W/840 1CT/10	0.470 A	60.6 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
64095625	MASTER TL5 CIRCULAR 22W/830 1CT/10	24 kWh
64221925	MASTER TL5 CIRCULAR 22W/840 1CT/10	24 kWh
64097025	MASTER TL5 CIRCULAR 40W/830 1CT/10	41 kWh
64223325	MASTER TL5 CIRCULAR 40W/840 1CT/10	41 kWh

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
64279025	MASTER TL5 CIRCULAR 55W/830 1CT/10	56 kWh
64251625	MASTER TL5 CIRCULAR 55W/840 1CT/10	56 kWh
64259225	MASTER TL5 CIRCULAR 60W/830 1CT/10	61 kWh
64261525	MASTER TL5 CIRCULAR 60W/840 1CT/10	61 kWh

