



# Extended design possibilities

## MASTER TL5 Circular

This circular TL5 lamp (tube diameter 16 mm) offers extended design possibilities. The slim tube allows the creation of extremely flat luminaires and enables omnidirectional light distribution. It is suitable for a wide range of professional and semi-professional applications, and is ideal for use in shops, offices and public areas with unconventional layouts.

### Benefits

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

### Features

- Perfect circular shape
- Highly efficient 3-band fluorescent coating
- Specifically designed for operation with electronic gear
- Amalgam technology (55 and 60W only)

### 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 55W and 60W 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



55 W 2GX13 Warm white Circular  
fluorescent - RFT



22 W Cool white Circular  
fluorescent - RFT



60 W 2GX13 Warm white Circular  
fluorescent - RFT



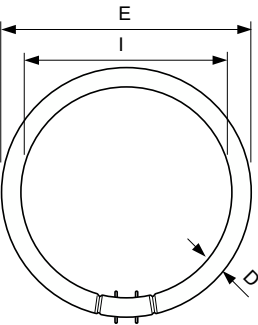
LPPR TL5-C8



55 W 2GX13 Cool white T5 Circular  
fluorescent - RFT

MASTER TL5 Circular

Dimensional drawing



Product	D (max)	D (min)	E (min)	E (max)	I (min)	I (max)
22 W Cool white Circular fluorescent	18 mm	14 mm	220 mm	230 mm	187 mm	197 mm
55 W 2GX13 Cool white T5 Circular fluorescent	18 mm	14 mm	293 mm	305 mm	260 mm	272 mm
55 W 2GX13 Warm white Circular fluorescent	18 mm	14 mm	293 mm	305 mm	260 mm	272 mm
60 W 2GX13 Warm white Circular fluorescent	18 mm	14 mm	367 mm	379 mm	334 mm	346 mm
MASTER TL5 Circular 22W/830 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 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
64279025	MASTER TL5 CIRCULAR 55W/830 1CT/10	12,000 hour(s)
64221925	MASTER TL5 CIRCULAR 22W/840 1CT/10	12,000 hour(s)
64259225	MASTER TL5 CIRCULAR 60W/830 1CT/10	12,000 hour(s)
64095625	MASTER TL5 CIRCULAR 22W/830 1CT/10	-

Order Code	Full Product Name	Nominal lifetime
64097025	MASTER TL5 CIRCULAR 40W/830 1CT/10	-
64223325	MASTER TL5 CIRCULAR 40W/840 1CT/10	-
64261525	MASTER TL5 CIRCULAR 60W/840 1CT/10	-
64251625	MASTER TL5 CIRCULAR 55W/840 1CT/10	12,000 hour(s)

Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X	Chromaticity Coordinate Y	Correlated Color		Luminous Efficacy	Luminous Flux
		(Nom)	(Nom)	Color Designation	Temperature (Nom)	(rated) (Nom)	
64279025	MASTER TL5 CIRCULAR 55W/830 1CT/10	0.44	0.403	Warm White (WW)	3000 K	76 lm/W	4,210 lm

MASTER TL5 Circular

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)	
64221925	MASTER TL5 CIRCULAR 22W/840 1CT/10	0.38	0.38	Cool White (CW)	4000 K	82 lm/W	1,800 lm
64259225	MASTER TL5 CIRCULAR 60W/830 1CT/10	0.44	0.403	Warm White (WW)	3000 K	83 lm/W	5,000 lm
64095625	MASTER TL5 CIRCULAR 22W/830 1CT/10	0.44	0.403	Warm White (WW)	3000 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
64261525	MASTER TL5 CIRCULAR 60W/840 1CT/10	0.38	0.38	Cool White (CW)	4000 K	83 lm/W	5,000 lm
64251625	MASTER TL5 CIRCULAR 55W/840 1CT/10	0.38	0.38	Cool White (CW)	4000 K	76 lm/W	4,210 lm

Operating and Electrical

Order Code	Full Product Name	Lamp Current	Power Consumption
		(Nom)	
64279025	MASTER TL5 CIRCULAR 55W/830 1CT/10	0.550 A	55.7 W
64221925	MASTER TL5 CIRCULAR 22W/840 1CT/10	0.300 A	23.5 W
64259225	MASTER TL5 CIRCULAR 60W/830 1CT/10	0.470 A	60.6 W
64095625	MASTER TL5 CIRCULAR 22W/830 1CT/10	0.300 A	23.5 W

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

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/
		1000 h
64279025	MASTER TL5 CIRCULAR 55W/830 1CT/10	56 kWh
64221925	MASTER TL5 CIRCULAR 22W/840 1CT/10	24 kWh
64259225	MASTER TL5 CIRCULAR 60W/830 1CT/10	61 kWh
64095625	MASTER TL5 CIRCULAR 22W/830 1CT/10	24 kWh

Order Code	Full Product Name	Energy Consumption kWh/
		1000 h
64097025	MASTER TL5 CIRCULAR 40W/830 1CT/10	41 kWh
64223325	MASTER TL5 CIRCULAR 40W/840 1CT/10	41 kWh
64261525	MASTER TL5 CIRCULAR 60W/840 1CT/10	61 kWh
64251625	MASTER TL5 CIRCULAR 55W/840 1CT/10	56 kWh

