



The new generation of energy saving tube lighting

MASTER LEDtube EM/Mains T8

The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance which cannot be distinguished from traditional fluorescent. This product is the ideal solution for up lighting in general lighting applications.

Benefits

- Reduced operational cost thanks to lower energy consumption
- Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to 2-3 times longer lifetime than normal fluorescent tubes
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- Fastest and easiest way to upgrade existing luminaire to LED technology; 100%-safe installation process
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MASTER LEDtube EM/Mains T8

Features

- Only 50% energy consumption compared to fluorescent tubes
- Only 50% energy consumption compared to fluorescent tubes
- Extra-long life of 40,000 hours
- Extra-long life of 40,000 hours
- Retrofit to existing T8 lamps on EM ballast installations
- Retrofit to existing T8 lamps on EM or HF electronic gear
- Full safety features and EM Protector safety device
- Full safety features and EM Protector safety device
- No mercury
- No mercury

Application

- Parking lots / covered car parks
- Car parks
- Warehouses / coldrooms / signage
- Warehouses
- Transport and distribution areas
- Transport and distribution areas
- Food & Museums
- Front & back of house retail & hospitality

Warnings and Safety

- –
- –

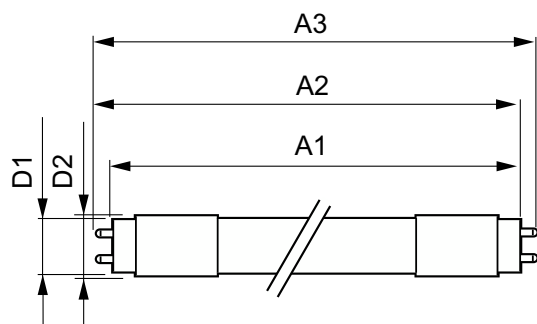
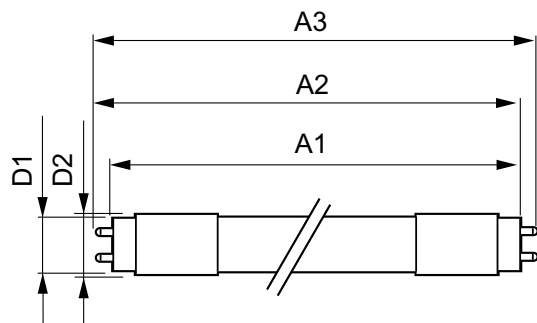
Versions



LEDtube Starter

MASTER LEDtube EM/Mains T8

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm UO 13.5W 830 T8 EELC	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm UO 13.5W 840 T8 EELB	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm UO 13.5W 865 T8 EELB	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm UO 14.7W 830 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm UO 14.7W 840 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm UO 14.7W 865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1500mm UO 20W 830 T8 EELC	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
MAS LEDtube 1500mm UO 20W 840 T8 EELB	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
MAS LEDtube 1500mm UO 20W 865 T8 EELB	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
MAS LEDtube 1500mm UO 21.7W 830 T8	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
MAS LEDtube 1500mm UO 21.7W 865 T8	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 12.5W 830 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO 12.5W 840 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO 12.5W 865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO 13W830 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO 13W840 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO 13W865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO 14W840 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO 14W865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm MO 23W840 T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm
MAS LEDtube 1200mm MO 23W865 T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm
MAS LEDtube 1200mm UO+ 18.7W840 T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm
MAS LEDtube 1200mm UO+ 18.7W865 T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm

MASTER LEDtube EM/Mains T8

Dimensional drawing

Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm HO 16.7W 840 T8 EELB	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
MAS LEDtube 1500mm HO 16.7W 865 T8 EELB	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
MAS LEDtube 1500mm HO 18.2W 830 T8	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
MAS LEDtube 1500mm HO 18.2W 840 T8	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
MAS LEDtube 1500mm HO 18.2W 865 T8	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
MAS LEDtube 600mm HO 8W830 T8	25.8 mm	28 mm	595.7 mm	598.8 mm	604 mm
MAS LEDtube 600mm HO 8W840 T8	25.8 mm	28 mm	595.7 mm	598.8 mm	604 mm
MAS LEDtube 600mm HO 8W865 T8	25.8 mm	28 mm	595.7 mm	598.8 mm	604 mm
MAS LEDtube 600mm HO 8W865 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube STD 1200mm 10W840 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube STD 1200mm 10W865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Light Technical	
LLMF At End Of Nominal Lifetime (Nom)	70 %
Controls and Dimming	
Dimmable	No

General Information

Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime
929002998202	MAS LEDtube 1200mm UO 14.7W 830 T8	G13 ROT	200,000	75,000 hour(s)
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	G13 ROT	200,000	75,000 hour(s)
929002998402	MAS LEDtube 1200mm UO 14.7W 865 T8	G13 ROT	200,000	75,000 hour(s)
929002998502	MAS LEDtube 1500mm UO 21.7W 830 T8	G13 ROT	200,000	75,000 hour(s)
929002998702	MAS LEDtube 1500mm UO 21.7W 865 T8	G13 ROT	200,000	75,000 hour(s)
929004241802	MAS LEDtube 1200mm UO 13.5W 830 T8 EELC	G13 ROT	200,000	75,000 hour(s)
929004241902	MAS LEDtube 1200mm UO 13.5W 840 T8 EELB	G13 ROT	200,000	75,000 hour(s)

Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime
929004242002	MAS LEDtube 1200mm UO 13.5W 865 T8 EELB	G13 ROT	200,000	75,000 hour(s)
929004242102	MAS LEDtube 1500mm UO 20W 830 T8 EELC	G13 ROT	200,000	75,000 hour(s)
929004242202	MAS LEDtube 1500mm UO 20W 840 T8 EELB	G13 ROT	200,000	75,000 hour(s)
929004242302	MAS LEDtube 1500mm UO 20W 865 T8 EELB	G13 ROT	200,000	75,000 hour(s)
929003556108	MAS LEDtube 1200mm HO 14W840 T8	G13	200,000	60,000 hour(s)
929003556208	MAS LEDtube 1200mm HO 14W865 T8	G13	200,000	60,000 hour(s)
929003557408	MAS LEDtube 600mm HO 8W865 T8	G13	200,000	60,000 hour(s)

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Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime
929003805708	MAS LEDtube 600mm HO 8W830 T8	G13	200,000	60,000 hour(s)
929003805808	MAS LEDtube 600mm HO 8W840 T8	G13	200,000	60,000 hour(s)
929003805908	MAS LEDtube 600mm HO 8W865 T8	G13	200,000	60,000 hour(s)
929003806008	MAS LEDtube 1200mm HO 13W830 T8	G13	200,000	60,000 hour(s)
929003806108	MAS LEDtube 1200mm HO 13W840 T8	G13	200,000	60,000 hour(s)
929003806208	MAS LEDtube 1200mm HO 13W865 T8	G13	200,000	60,000 hour(s)
929003806308	MAS LEDtube STD 1200mm 10W840 T8	G13	200,000	60,000 hour(s)
929003806408	MAS LEDtube STD 1200mm 10W865 T8	G13	200,000	60,000 hour(s)
929004245808	MAS LEDtube 1200mm UO+ 18.7W840 T8	G13	200,000	60,000 hour(s)
929004245908	MAS LEDtube 1200mm UO+ 18.7W865 T8	G13	200,000	60,000 hour(s)
929004246008	MAS LEDtube 1200mm MO 23W840 T8	G13	200,000	60,000 hour(s)

Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime
929004246108	MAS LEDtube 1200mm MO 23W865 T8	G13	200,000	60,000 hour(s)
929003481702	MASTER LEDtube Starter EMP GenIII	-	-	-
929001922602	MAS LEDtube 1200mm HO 12.5W 830 T8	G13 ROT	200,000	75,000 hour(s)
929001922702	MAS LEDtube 1200mm HO 12.5W 840 T8	G13 ROT	200,000	75,000 hour(s)
929001922802	MAS LEDtube 1200mm HO 12.5W 865 T8	G13 ROT	200,000	75,000 hour(s)
929001922902	MAS LEDtube 1500mm HO 18.2W 830 T8	G13 ROT	200,000	75,000 hour(s)
929001923002	MAS LEDtube 1500mm HO 18.2W 840 T8	G13 ROT	200,000	75,000 hour(s)
929001923102	MAS LEDtube 1500mm HO 18.2W 865 T8	G13 ROT	200,000	75,000 hour(s)
929004242802	MAS LEDtube 1500mm HO 16.7W 840 T8 EELB	G13 ROT	200,000	75,000 hour(s)
929004242902	MAS LEDtube 1500mm HO 16.7W 865 T8 EELB	G13 ROT	200,000	75,000 hour(s)

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code	Luminous Flux
929002998202	MAS LEDtube 1200mm UO 14.7W 830 T8	160 degree(s)	3000 K	80	830	2,300 lm
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	160 degree(s)	4000 K	80	840	2,500 lm
929002998402	MAS LEDtube 1200mm UO 14.7W 865 T8	160 degree(s)	6500 K	80	865	2,500 lm
929002998502	MAS LEDtube 1500mm UO 21.7W 830 T8	160 degree(s)	3000 K	80	830	3,400 lm
929002998702	MAS LEDtube 1500mm UO 21.7W 865 T8	160 degree(s)	6500 K	80	865	3,700 lm
929004241802	MAS LEDtube 1200mm UO 13.5W 830 T8 EELC	160 degree(s)	3000 K	80	830	2,300 lm
929004241902	MAS LEDtube 1200mm UO 13.5W 840 T8 EELB	160 degree(s)	4000 K	80	840	2,500 lm
929004242002	MAS LEDtube 1200mm UO 13.5W 865 T8 EELB	160 degree(s)	6500 K	80	865	2,500 lm
929004242102	MAS LEDtube 1500mm UO 20W 830 T8 EELC	160 degree(s)	3000 K	80	830	3,400 lm
929004242202	MAS LEDtube 1500mm UO 20W 840 T8 EELB	160 degree(s)	4000 K	80	840	3,700 lm
929004242302	MAS LEDtube 1500mm UO 20W 865 T8 EELB	160 degree(s)	6500 K	80	865	3,700 lm
929003556108	MAS LEDtube 1200mm HO 14W840 T8	190 degree(s)	4000 K	80	840	2,100 lm
929003556208	MAS LEDtube 1200mm HO 14W865 T8	190 degree(s)	6500 K	80	865	2,100 lm
929003557408	MAS LEDtube 600mm HO 8W865 T8	190 degree(s)	6500 K	83	865	1,050 lm
929003805708	MAS LEDtube 600mm HO 8W830 T8	190 degree(s)	3000 K	80	830	1,150 lm
929003805808	MAS LEDtube 600mm HO 8W840 T8	190 degree(s)	4000 K	80	840	1,200 lm
929003805908	MAS LEDtube 600mm HO 8W865 T8	190 degree(s)	6500 K	80	865	1,200 lm
929003806008	MAS LEDtube 1200mm HO 13W830 T8	190 degree(s)	3000 K	80	830	2,000 lm
929003806108	MAS LEDtube 1200mm HO 13W840 T8	190 degree(s)	4000 K	80	840	2,100 lm
929003806208	MAS LEDtube 1200mm HO 13W865 T8	190 degree(s)	6500 K	80	865	2,100 lm
929003806308	MAS LEDtube STD 1200mm 10W840 T8	190 degree(s)	4000 K	80	840	1,600 lm
929003806408	MAS LEDtube STD 1200mm 10W865 T8	190 degree(s)	6500 K	80	865	1,600 lm
929004245808	MAS LEDtube 1200mm UO+ 18.7W840 T8	160 degree(s)	4000 K	80	840	3,000 lm
929004245908	MAS LEDtube 1200mm UO+ 18.7W865 T8	160 degree(s)	6500 K	80	865	3,000 lm
929004246008	MAS LEDtube 1200mm MO 23W840 T8	160 degree(s)	4000 K	80	840	3,700 lm

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code	Luminous Flux
929004246108	MAS LEDtube 1200mm MO 23W865 T8	160 degree(s)	6500 K	80	865	3,700 lm
929003481702	MASTER LEDtube Starter EMP GenIII	-	-	-	-	-
929001922602	MAS LEDtube 1200mm HO 12.5W 830 T8	160 degree(s)	3000 K	80	830	2,000 lm
929001922702	MAS LEDtube 1200mm HO 12.5W 840 T8	160 degree(s)	4000 K	80	840	2,100 lm
929001922802	MAS LEDtube 1200mm HO 12.5W 865 T8	160 degree(s)	6500 K	80	865	2,100 lm
929001922902	MAS LEDtube 1500mm HO 18.2W 830 T8	160 degree(s)	3000 K	80	830	2,900 lm
929001923002	MAS LEDtube 1500mm HO 18.2W 840 T8	160 degree(s)	4000 K	80	840	3,100 lm
929001923102	MAS LEDtube 1500mm HO 18.2W 865 T8	160 degree(s)	6500 K	80	865	3,100 lm
929004242802	MAS LEDtube 1500mm HO 16.7W 840 T8 EELB	160 degree(s)	4000 K	80	840	3,100 lm
929004242902	MAS LEDtube 1500mm HO 16.7W 865 T8 EELB	160 degree(s)	6500 K	80	865	3,100 lm

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Line Frequency	Power Consumption	Starting Time (Nom)	Wattage Equivalent
929002998202	MAS LEDtube 1200mm UO 14.7W 830 T8	50 to 60 Hz	50 to 60 Hz	14.7 W	0.5 s	-
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	50 to 60 Hz	50 to 60 Hz	14.7 W	0.5 s	-
929002998402	MAS LEDtube 1200mm UO 14.7W 865 T8	50 to 60 Hz	50 to 60 Hz	14.7 W	0.5 s	-
929002998502	MAS LEDtube 1500mm UO 21.7W 830 T8	50 to 60 Hz	50 to 60 Hz	21.7 W	0.5 s	-
929002998702	MAS LEDtube 1500mm UO 21.7W 865 T8	50 to 60 Hz	50 to 60 Hz	21.7 W	0.5 s	-
929004241802	MAS LEDtube 1200mm UO 13.5W 830 T8 EELC	50 to 60 Hz	-	13.5 W	0.5 s	-
929004241902	MAS LEDtube 1200mm UO 13.5W 840 T8 EELB	50 to 60 Hz	-	13.5 W	0.5 s	-
929004242002	MAS LEDtube 1200mm UO 13.5W 865 T8 EELB	50 to 60 Hz	-	13.5 W	0.5 s	-
929004242102	MAS LEDtube 1500mm UO 20W 830 T8 EELC	50 to 60 Hz	-	20 W	0.5 s	-
929004242202	MAS LEDtube 1500mm UO 20W 840 T8 EELB	50 to 60 Hz	-	20 W	0.5 s	-
929004242302	MAS LEDtube 1500mm UO 20W 865 T8 EELB	50 to 60 Hz	-	20 W	0.5 s	-
929003556108	MAS LEDtube 1200mm HO 14W840 T8	50 to 60 Hz	50 to 60 Hz	14 W	0.5 s	-
929003556208	MAS LEDtube 1200mm HO 14W865 T8	50 to 60 Hz	50 to 60 Hz	14 W	0.5 s	-
929003557408	MAS LEDtube 600mm HO 8W865 T8	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	-
929003805708	MAS LEDtube 600mm HO 8W830 T8	50 to 60 Hz	-	8 W	0.5 s	18 W
929003805808	MAS LEDtube 600mm HO 8W840 T8	50 to 60 Hz	-	8 W	0.5 s	18 W
929003805908	MAS LEDtube 600mm HO 8W865 T8	50 to 60 Hz	-	8 W	0.5 s	18 W
929003806008	MAS LEDtube 1200mm HO 13W830 T8	50 to 60 Hz	-	13 W	0.5 s	36 W
929003806108	MAS LEDtube 1200mm HO 13W840 T8	50 to 60 Hz	-	13 W	0.5 s	36 W
929003806208	MAS LEDtube 1200mm HO 13W865 T8	50 to 60 Hz	-	13 W	0.5 s	36 W
929003806308	MAS LEDtube STD 1200mm 10W840 T8	50 to 60 Hz	-	10 W	0.5 s	36 W
929003806408	MAS LEDtube STD 1200mm 10W865 T8	50 to 60 Hz	-	10 W	0.5 s	36 W
929004245808	MAS LEDtube 1200mm UO+ 18.7W840 T8	50 to 60 Hz	-	18.7 W	0.5 s	38 W
929004245908	MAS LEDtube 1200mm UO+ 18.7W865 T8	50 to 60 Hz	-	18.7 W	0.5 s	38 W
929004246008	MAS LEDtube 1200mm MO 23W840 T8	50 to 60 Hz	-	23 W	0.5 s	48 W
929004246108	MAS LEDtube 1200mm MO 23W865 T8	50 to 60 Hz	-	23 W	0.5 s	48 W
929003481702	MASTER LEDtube Starter EMP GenIII	- Hz	- Hz	-	-	-
929001922602	MAS LEDtube 1200mm HO 12.5W 830 T8	50 to 60 Hz	50 to 60 Hz	12.5 W	0.5 s	-
929001922702	MAS LEDtube 1200mm HO 12.5W 840 T8	50 to 60 Hz	50 to 60 Hz	12.5 W	0.5 s	-
929001922802	MAS LEDtube 1200mm HO 12.5W 865 T8	50 to 60 Hz	50 to 60 Hz	12.5 W	0.5 s	-
929001922902	MAS LEDtube 1500mm HO 18.2W 830 T8	50 to 60 Hz	50 to 60 Hz	18.2 W	0.5 s	-
929001923002	MAS LEDtube 1500mm HO 18.2W 840 T8	50 to 60 Hz	50 to 60 Hz	18.2 W	0.5 s	-
929001923102	MAS LEDtube 1500mm HO 18.2W 865 T8	50 to 60 Hz	50 to 60 Hz	18.2 W	0.5 s	-
929004242802	MAS LEDtube 1500mm HO 16.7W 840 T8 EELB	50 to 60 Hz	-	16.7 W	0.5 s	-
929004242902	MAS LEDtube 1500mm HO 16.7W 865 T8 EELB	50 to 60 Hz	-	16.7 W	0.5 s	-

Temperature

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	T-Case Maximum (Nom)
929002998202	MAS LEDtube 1200mm UO 14.7W 830 T8	55 °C
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	55 °C
929002998402	MAS LEDtube 1200mm UO 14.7W 865 T8	55 °C
929002998502	MAS LEDtube 1500mm UO 21.7W 830 T8	60 °C
929002998702	MAS LEDtube 1500mm UO 21.7W 865 T8	60 °C
929004241802	MAS LEDtube 1200mm UO 13.5W 830 T8 EELC	50 °C
929004241902	MAS LEDtube 1200mm UO 13.5W 840 T8 EELB	50 °C
929004242002	MAS LEDtube 1200mm UO 13.5W 865 T8 EELB	50 °C
929004242102	MAS LEDtube 1500mm UO 20W 830 T8 EELC	50 °C
929004242202	MAS LEDtube 1500mm UO 20W 840 T8 EELB	50 °C
929004242302	MAS LEDtube 1500mm UO 20W 865 T8 EELB	50 °C
929003556108	MAS LEDtube 1200mm HO 14W840 T8	50 °C
929003556208	MAS LEDtube 1200mm HO 14W865 T8	50 °C
929003557408	MAS LEDtube 600mm HO 8W865 T8	50 °C
929003805708	MAS LEDtube 600mm HO 8W830 T8	50 °C
929003805808	MAS LEDtube 600mm HO 8W840 T8	50 °C
929003805908	MAS LEDtube 600mm HO 8W865 T8	50 °C
929003806008	MAS LEDtube 1200mm HO 13W830 T8	50 °C

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape
929002998202	MAS LEDtube 1200mm UO 14.7W 830 T8	Frosted	T8
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	Frosted	T8
929002998402	MAS LEDtube 1200mm UO 14.7W 865 T8	Frosted	T8
929002998502	MAS LEDtube 1500mm UO 21.7W 830 T8	Frosted	T8
929002998702	MAS LEDtube 1500mm UO 21.7W 865 T8	Frosted	T8
929004241802	MAS LEDtube 1200mm UO 13.5W 830 T8 EELC	Frosted	T8
929004241902	MAS LEDtube 1200mm UO 13.5W 840 T8 EELB	Frosted	T8
929004242002	MAS LEDtube 1200mm UO 13.5W 865 T8 EELB	Frosted	T8
929004242102	MAS LEDtube 1500mm UO 20W 830 T8 EELC	Frosted	T8
929004242202	MAS LEDtube 1500mm UO 20W 840 T8 EELB	Frosted	T8
929004242302	MAS LEDtube 1500mm UO 20W 865 T8 EELB	Frosted	T8
929003556108	MAS LEDtube 1200mm HO 14W840 T8	Frosted	T8
929003556208	MAS LEDtube 1200mm HO 14W865 T8	Frosted	T8
929003557408	MAS LEDtube 600mm HO 8W865 T8	Frosted	T8
929003805708	MAS LEDtube 600mm HO 8W830 T8	Frosted	T8
929003805808	MAS LEDtube 600mm HO 8W840 T8	Frosted	T8

Approval and Application

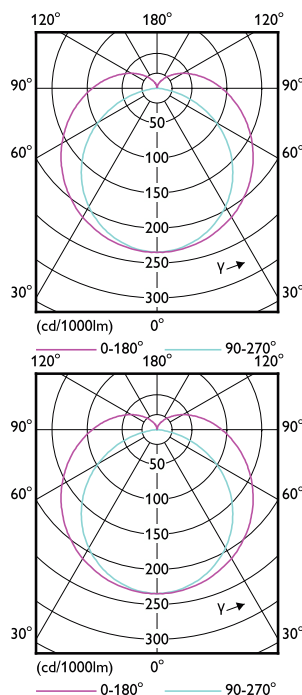
Order Code	Full Product Name	T-Case Maximum (Nom)
929003806108	MAS LEDtube 1200mm HO 13W840 T8	50 °C
929003806208	MAS LEDtube 1200mm HO 13W865 T8	50 °C
929003806308	MAS LEDtube STD 1200mm 10W840 T8	50 °C
929003806408	MAS LEDtube STD 1200mm 10W865 T8	50 °C
929004245808	MAS LEDtube 1200mm UO+ 18.7W840 T8	50 °C
929004245908	MAS LEDtube 1200mm UO+ 18.7W865 T8	50 °C
929004246008	MAS LEDtube 1200mm MO 23W840 T8	55 °C
929004246108	MAS LEDtube 1200mm MO 23W865 T8	55 °C
929003481702	MASTER LEDtube Starter EMP GenIII	-
929001922602	MAS LEDtube 1200mm HO 12.5W 830 T8	50 °C
929001922702	MAS LEDtube 1200mm HO 12.5W 840 T8	50 °C
929001922802	MAS LEDtube 1200mm HO 12.5W 865 T8	50 °C
929001922902	MAS LEDtube 1500mm HO 18.2W 830 T8	55 °C
929001923002	MAS LEDtube 1500mm HO 18.2W 840 T8	55 °C
929001923102	MAS LEDtube 1500mm HO 18.2W 865 T8	55 °C
929004242802	MAS LEDtube 1500mm HO 16.7W 840 T8 EELB	50 °C
929004242902	MAS LEDtube 1500mm HO 16.7W 865 T8 EELB	50 °C

Order Code	Full Product Name	Bulb Finish	Bulb Shape
929003805908	MAS LEDtube 600mm HO 8W865 T8	Frosted	T8
929003806008	MAS LEDtube 1200mm HO 13W830 T8	Frosted	T8
929003806108	MAS LEDtube 1200mm HO 13W840 T8	Frosted	T8
929003806208	MAS LEDtube 1200mm HO 13W865 T8	Frosted	T8
929003806308	MAS LEDtube STD 1200mm 10W840 T8	Frosted	T8
929003806408	MAS LEDtube STD 1200mm 10W865 T8	Frosted	T8
929004245808	MAS LEDtube 1200mm UO+ 18.7W840 T8	Frosted	T8
929004245908	MAS LEDtube 1200mm UO+ 18.7W865 T8	Frosted	T8
929004246008	MAS LEDtube 1200mm MO 23W840 T8	Frosted	T8
929004246108	MAS LEDtube 1200mm MO 23W865 T8	Frosted	T8
929003481702	MASTER LEDtube Starter EMP GenIII	-	-
929001922602	MAS LEDtube 1200mm HO 12.5W 830 T8	Frosted	T8
929001922702	MAS LEDtube 1200mm HO 12.5W 840 T8	Frosted	T8
929001922802	MAS LEDtube 1200mm HO 12.5W 865 T8	Frosted	T8
929001922902	MAS LEDtube 1500mm HO 18.2W 830 T8	Frosted	T8
929001923002	MAS LEDtube 1500mm HO 18.2W 840 T8	Frosted	T8
929001923102	MAS LEDtube 1500mm HO 18.2W 865 T8	Frosted	T8
929004242802	MAS LEDtube 1500mm HO 16.7W 840 T8 EELB	Frosted	T8
929004242902	MAS LEDtube 1500mm HO 16.7W 865 T8 EELB	Frosted	T8

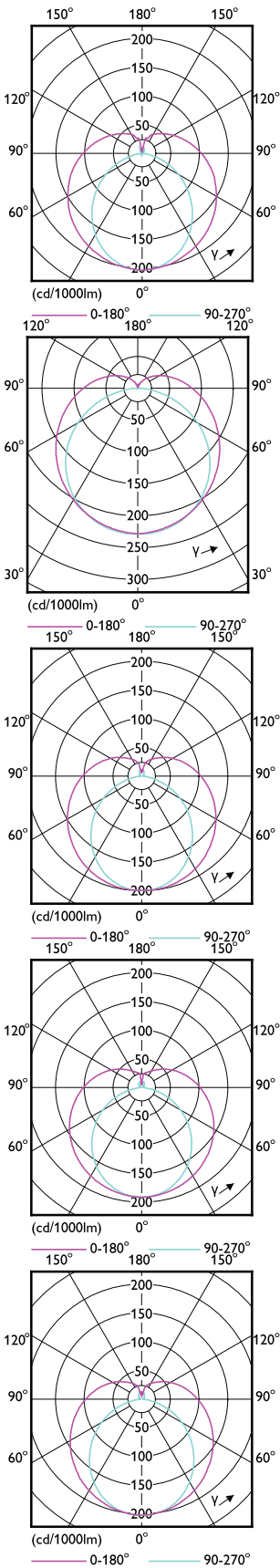
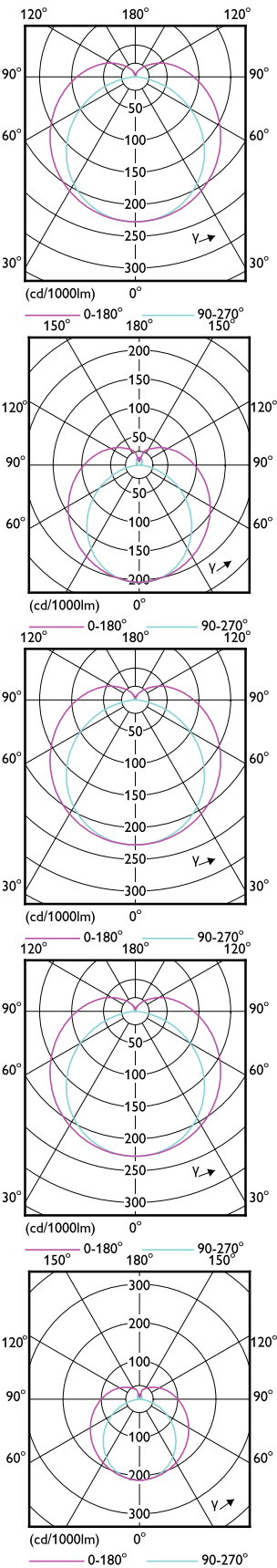
MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
929002998202	MAS LEDtube 1200mm UO 14.7W 830 T8	-20 °C to 45 °C	15 kWh
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	-20 °C to 45 °C	15 kWh
929002998402	MAS LEDtube 1200mm UO 14.7W 865 T8	-20 °C to 45 °C	15 kWh
929002998502	MAS LEDtube 1500mm UO 21.7W 830 T8	-20 °C to 45 °C	22 kWh
929002998702	MAS LEDtube 1500mm UO 21.7W 865 T8	-20 °C to 45 °C	22 kWh
929004241802	MAS LEDtube 1200mm UO 13.5W 830 T8 EELC	-20 to +45 °C	14 kWh
929004241902	MAS LEDtube 1200mm UO 13.5W 840 T8 EELB	-20 to +45 °C	14 kWh
929004242002	MAS LEDtube 1200mm UO 13.5W 865 T8 EELB	-20 to +45 °C	14 kWh
929004242102	MAS LEDtube 1500mm UO 20W 830 T8 EELC	-20 to +45 °C	20 kWh
929004242202	MAS LEDtube 1500mm UO 20W 840 T8 EELB	-20 to +45 °C	20 kWh
929004242302	MAS LEDtube 1500mm UO 20W 865 T8 EELB	-20 to +45 °C	20 kWh
929003556108	MAS LEDtube 1200mm HO 14W840 T8	-20 °C to 45 °C	-
929003556208	MAS LEDtube 1200mm HO 14W865 T8	-20 °C to 45 °C	-
929003557408	MAS LEDtube 600mm HO 8W865 T8	-20 °C to 45 °C	-
929003805708	MAS LEDtube 600mm HO 8W830 T8	-20 to +45 °C	-
929003805808	MAS LEDtube 600mm HO 8W840 T8	-20 to +45 °C	-
929003805908	MAS LEDtube 600mm HO 8W865 T8	-20 to +45 °C	-
929003806008	MAS LEDtube 1200mm HO 13W830 T8	-20 to +45 °C	-
929003806108	MAS LEDtube 1200mm HO 13W840 T8	-20 to +45 °C	-
929003806208	MAS LEDtube 1200mm HO 13W865 T8	-20 to +45 °C	-
929003806308	MAS LEDtube STD 1200mm 10W840 T8	-20 to +45 °C	-
929003806408	MAS LEDtube STD 1200mm 10W865 T8	-20 to +45 °C	-
929004245808	MAS LEDtube 1200mm UO+ 18.7W840 T8	-20 to +45 °C	-
929004245908	MAS LEDtube 1200mm UO+ 18.7W865 T8	-20 to +45 °C	-
929004246008	MAS LEDtube 1200mm MO 23W840 T8	-20 to +45 °C	-

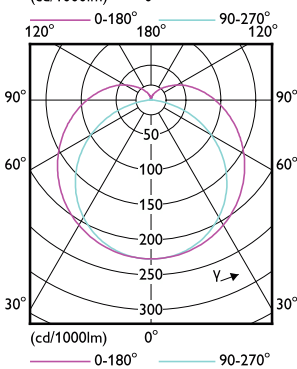
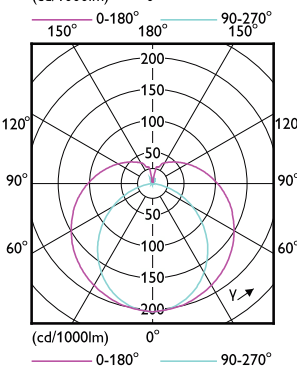
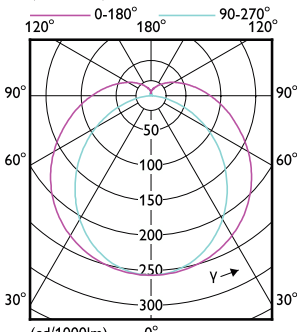
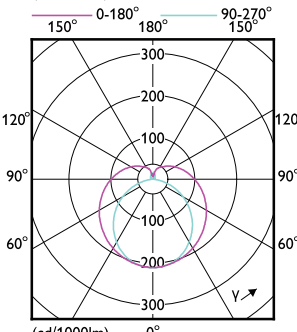
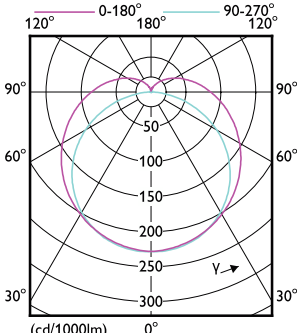
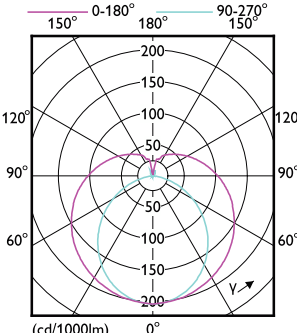
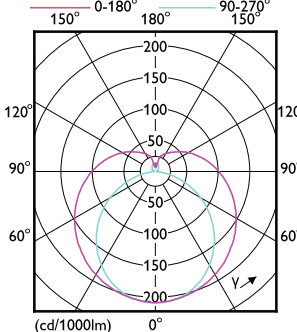
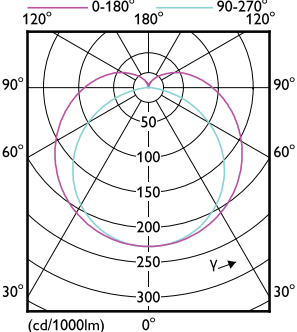
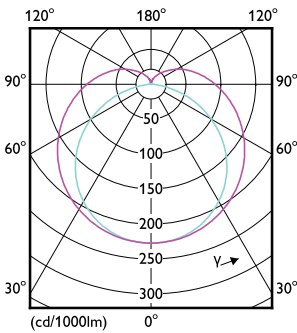
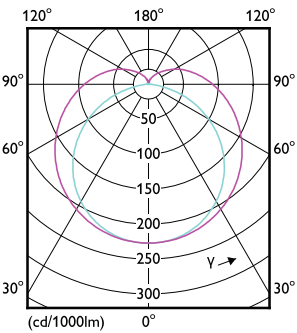
Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
929004246108	MAS LEDtube 1200mm MO 23W865 T8	-20 to +45 °C	-
929003481702	MASTER LEDtube Starter EMP GenIII	-	-
929001922602	MAS LEDtube 1200mm HO 12.5W 830 T8	-20 °C to 45 °C	13 kWh
929001922702	MAS LEDtube 1200mm HO 12.5W 840 T8	-20 °C to 45 °C	13 kWh
929001922802	MAS LEDtube 1200mm HO 12.5W 865 T8	-20 °C to 45 °C	13 kWh
929001922902	MAS LEDtube 1500mm HO 18.2W 830 T8	-20 °C to 45 °C	19 kWh
929001923002	MAS LEDtube 1500mm HO 18.2W 840 T8	-20 °C to 45 °C	19 kWh
929001923102	MAS LEDtube 1500mm HO 18.2W 865 T8	-20 °C to 45 °C	19 kWh
929004242802	MAS LEDtube 1500mm HO 16.7W 840 T8 EELB	-20 to +45 °C	17 kWh
929004242902	MAS LEDtube 1500mm HO 16.7W 865 T8 EELB	-20 to +45 °C	17 kWh



MASTER LEDtube EM/Mains T8



MASTER LEDtube EM/Mains T8



MASTER LEDtube EM/Mains T8

