



For top performance and sustainability

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. These T8 LED tubes are the right choice for absolute performance and are designed to stand up to everyday conditions. Unparalleled savings thanks to low energy consumption and an exceptionally long lifetime ensure this tube masters every demanding application.

Benefits

- Absolute performance that provides a solution for every application
- Unparalleled savings with low energy consumption and long lifetime
- Robust and reliable: stands up to everyday conditions

Features

- Retrofit existing T8 lamps on EM ballast or mains
- > 50% energy savings compared to fluorescent tubes with up to 185lm/W
- Extra-long life up to 70,000 hours
- 160° small beam angle to ensure higher flux where needed
- HACCP-enabled, supported by product level NSF certificate
- No mercury

Application

- Parking lots / covered car parks
- Warehouses / coldrooms / signage
- Transport and distribution areas
- Food & Museums

Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.

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Versions



LEDtube Starter



SPPR MLEDGA 0024



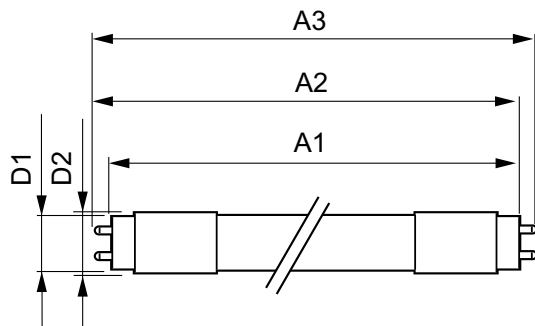
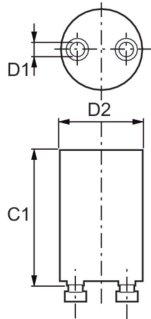
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Standard Product Photo

MASTER LEDtube EM/Mains T8

Dimensional drawing



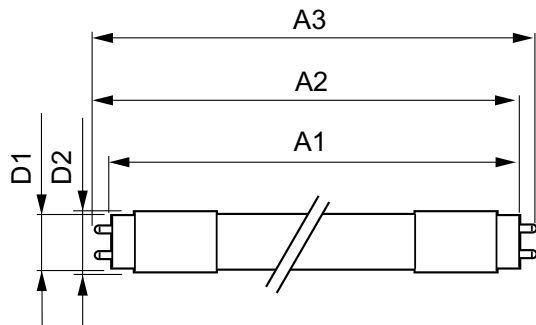
Product	D1	D2	C1
MASTER LEDtube Starter EMP	3 mm	21.5 mm	34.5 mm
MASTER LEDtube Starter EMP GenII OP	3 mm	21.5 mm	34.5 mm

Product	D1	D2	A1	A2	A3
MAS LEDtube 1050mm 16W 830 T8	25.8 mm	28 mm	1,045.8 mm	1,052.9 mm	1,060 mm
MAS LEDtube 1200mm HO VWV 18W 840 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO VWV 18W 840 T8 GM	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO VWV 18W 865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO VWV 18W 865 T8 GM	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 1200mm UO 14.7W850 T8 SH	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,198.2 mm
MAS LEDtube 1200mm UO 16W 840 T8 FF RCA	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,198.2 mm
MAS LEDtube 1200mm UO 16W 865 T8 FF RCA	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,198.2 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 840 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
MAS LEDtube 1500mm UO 24W 840 T8 FF RCA	25.8 mm	28 mm	1,498.7 mm	1,505.8 mm	1,498.7 mm
MAS LEDtube 1500mm UO 24W 865 T8 FF RCA	25.8 mm	28 mm	1,498.7 mm	1,505.8 mm	1,498.7 mm
MAS LEDtube 600mm HO 8W830 T8	25.78 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 600mm HO 8W840 T8	25.78 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 600mm HO 8W865 T8	25.78 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

MASTER LEDtube EM/Mains T8

Dimensional drawing

Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm HO VWV 10W 840 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 600mm HO VWV 10W 840 T8 GM	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 600mm HO VWV 10W 865 T8	25.8 mm	28 mm	588.6 mm	595.6 mm	602.6 mm
MAS LEDtube 600mm HO VWV 10W 865 T8 GM	25.8 mm	28 mm	588.6 mm	595.6 mm	602.6 mm
MAS LEDtube 900mm HO 12W 840 T8	25.78 mm	28 mm	893.3 mm	900.4 mm	907.5 mm
MAS LEDtube 900mm HO 12W 865 T8	25.78 mm	28 mm	893.3 mm	900.4 mm	907.5 mm
Master LEDTube 1200 mm 18W 865 T8 I W	25.6 mm	27.8 mm	1,198.1 mm	1,205.2 mm	1,212.3 mm
Master LEDTube 1200mm 12.5W 840 T8 W JP	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
Master LEDTube 1200mm 12.5W 850 T8 W JP	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
Master LEDTube 1200mm 12.5W 865 T8 W JP	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
Master LEDTube 1200mm 15.5W 840 T8 W JP	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
Master LEDTube 1200mm 15.5W 850 T8 W JP	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
Master LEDTube 1200mm 15.5W 865 T8 W JP	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
Master LEDTube 1200mm 20.5W 850 T8 W JP	25.8 mm	27.8 mm	1,198.1 mm	1,205.2 mm	1,212.3 mm
Master LEDTube 1200mm 20.5W 865 T8 W JP	25.8 mm	27.8 mm	1,198.1 mm	1,205.2 mm	1,212.3 mm
Master LEDTube 580mm 8W 840 T8 I W JP	25.7 mm	28 mm	580.1 mm	587.2 mm	594.3 mm
Master LEDTube 580mm 8W 850 T8 I W JP	25.7 mm	28 mm	580.1 mm	587.2 mm	594.3 mm
Master LEDTube 580mm 8W 865 T8 I W JP	25.7 mm	28 mm	580.1 mm	587.2 mm	594.3 mm



Product	D1	D2	A1	A2	A3
MAS LEDtube 1050mm 14W840 T8 TW	25.6 mm	28 mm	1,046 mm	1,053 mm	1,060 mm
MAS LEDtube 1050mm 14W865 T8 TW	25.6 mm	28 mm	1,046 mm	1,053 mm	1,060 mm
MAS LEDtube 1050mm 16W 840 T8	25.8 mm	28 mm	1,045.8 mm	1,052.9 mm	1,060 mm
MAS LEDtube 1200mm 15.5W840 T8 TW	25.6 mm	27.9 mm	1,199 mm	1,205 mm	1,213 mm
MAS LEDtube 1200mm 15.5W865 T8 TW	25.6 mm	27.9 mm	1,199 mm	1,205 mm	1,213 mm

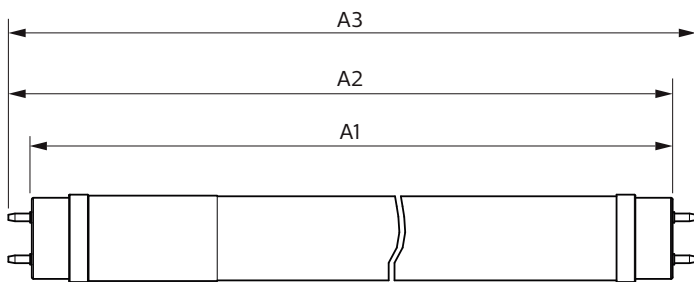
MASTER LEDtube EM/Mains T8

Dimensional drawing

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 14W830 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 14W840 T8 MY	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 HO 14W865 T8 MY	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO VWV 18W 840 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO VWV 18W 865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1500mm 31W840 T8 TW	25.6 mm	27.9 mm	1,500 mm	1,506 mm	1,514 mm
MAS LEDtube 1500mm 31W865 T8 TW	25.6 mm	27.9 mm	1,500 mm	1,506 mm	1,514 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 580mm 6.5W840 T8 TW	25.6 mm	28 mm	580 mm	586.5 mm	594 mm
MAS LEDtube 580mm 6.5W865 T8 TW	25.6 mm	28 mm	580 mm	586.5 mm	594 mm
MAS LEDtube 590mm 6.5W840 T8 TW	25.6 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 590mm 6.5W865 T8 TW	25.6 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 600mm HO 8W830 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 600mm HO 8W840 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 600mm HO 8W840 T8 MY	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 600mm HO 8W850 T8 SH	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 600mm HO 8W865 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 600mm HO 8W865 T8 MY	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

MASTER LEDtube EM/Mains T8

Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm HO VWV 10W 840 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 600mm HO VWV 10W 865 T8	25.8 mm	28 mm	588.6 mm	595.6 mm	602.6 mm
MAS LEDtube STD 1200mm 10.5W840 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube STD 1200mm 10.5W865 T8	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube STD 1200mm 10.5W865 T8 I AU	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube STD 1200mm 14W840 T8 I W	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm



Product	D1	D2	A1	A2	A3
MAS LEDtube DE 1200mm 13W840 100-240V T8	26 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
MAS LEDtube DE 1200mm 13W865 100-240V T8	26 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
MAS LEDtube DE 580mm 6.5W840 100-240V T8	26 mm	28 mm	580 mm	587 mm	594 mm
MAS LEDtube DE 580mm 6.5W865 100-240V T8	26 mm	28 mm	580 mm	587 mm	594 mm

General Information

Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime
929001298402	MAS LEDtube 900mm HO 12W 840 T8	G13 ROT	200,000	75,000 hour(s)
929001298502	MAS LEDtube 900mm HO 12W 865 T8	G13 ROT	200,000	75,000 hour(s)
929001307002	MAS LEDtube 600mm HO 8W830 T8	G13 ROT	200,000	75,000 hour(s)
929001307102	MAS LEDtube 600mm HO 8W840 T8	G13 ROT	200,000	75,000 hour(s)
929001307202	MAS LEDtube 600mm HO 8W865 T8	G13 ROT	200,000	75,000 hour(s)
929001908008	MAS LEDtube 1200mm UO 16W 840 T8 FF RCA	G13	200,000	50,000 hour(s)
929001908108	MAS LEDtube 1200mm UO 16W 865 T8 FF RCA	G13	200,000	50,000 hour(s)
929001908308	MAS LEDtube 1500mm UO 24W 840 T8 FF RCA	G13	200,000	50,000 hour(s)
929001908408	MAS LEDtube 1500mm UO 24W 865 T8 FF RCA	G13	200,000	50,000 hour(s)
929001860648	Master LEDTube 580mm 8W 840 T8 I W JP	G13	200,000	50,000 hour(s)

Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime
929001860748	Master LEDTube 580mm 8W 850 T8 I W JP	G13	200,000	50,000 hour(s)
929001860848	Master LEDTube 580mm 8W 865 T8 I W JP	G13	200,000	50,000 hour(s)
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)
929002998602	MAS LEDtube 1500mm UO 21.7W 840 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)
929003557512	MAS LEDtube 1200mm HO VWV 18W 840 T8	G13	200,000	60,000 hour(s)
929003557612	MAS LEDtube 1200mm HO VWV 18W 865 T8	G13	200,000	60,000 hour(s)

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime
929003557712	MAS LEDtube 600mm HO VWV 10W 840 T8	G13	200,000	60,000 hour(s)
929003557812	MAS LEDtube 600mm HO VWV 10W 865 T8	G13	200,000	60,000 hour(s)
929003557908	MAS LEDtube 1200mm HO VWV 18W 840 T8 GM	G13	200,000	60,000 hour(s)
929003558008	MAS LEDtube 1200mm HO VWV 18W 865 T8 GM	G13	200,000	60,000 hour(s)
929003558108	MAS LEDtube 600mm HO VWV 10W 840 T8 GM	G13	200,000	60,000 hour(s)
929003558208	MAS LEDtube 600mm HO VWV 10W 865 T8 GM	G13	200,000	60,000 hour(s)
929003622121	MAS LEDtube 1200mm UO 14.7W850 T8 SH	G13 ROT	200,000	50,000 hour(s)
929001297719	MAS LEDtube STD 1200mm 10.5W865 T8 I AU	G13	200,000	50,000 hour(s)
929001375442	MAS LEDtube STD 1200mm 14W840 T8 I W	G13	200,000	50,000 hour(s)
929001877312	MAS LEDtube 1200mm HO VWV 18W 840 T8	G13	200,000	60,000 hour(s)
929001877412	MAS LEDtube 1200mm HO VWV 18W 865 T8	G13	200,000	60,000 hour(s)
929001877512	MAS LEDtube 600mm HO VWV 10W 840 T8	G13	200,000	60,000 hour(s)
929001877612	MAS LEDtube 600mm HO VWV 10W 865 T8	G13	200,000	60,000 hour(s)
929003102808	MAS LEDtube 1500mm 31W840 T8 TW	G13	200,000	50,000 hour(s)
929003102908	MAS LEDtube 1500mm 31W865 T8 TW	G13	200,000	50,000 hour(s)
929003103008	MAS LEDtube 1200mm 15.5W840 T8 TW	G13	200,000	50,000 hour(s)
929003103108	MAS LEDtube 1200mm 15.5W865 T8 TW	G13	200,000	50,000 hour(s)
929003483421	MAS LEDtube 600mm HO 8W850 T8 SH	G13	200,000	50,000 hour(s)
929003555808	MAS LEDtube STD 1200mm 10.5W840 T8	G13	200,000	60,000 hour(s)
929003555908	MAS LEDtube STD 1200mm 10.5W865 T8	G13	200,000	60,000 hour(s)
929003556008	MAS LEDtube 1200mm HO 14W830 T8	G13	200,000	60,000 hour(s)
929003556108	MAS LEDtube 1200mm HO 14W840 T8	G13	200,000	60,000 hour(s)
929003556137	MAS LEDtube 1200mm HO 14W840 T8 MY	G13	200,000	60,000 hour(s)
929003556208	MAS LEDtube 1200mm HO 14W865 T8	G13	200,000	60,000 hour(s)
929003556237	MAS LEDtube 1200mm HO 14W865 T8 MY	G13	200,000	60,000 hour(s)

Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime
929003557208	MAS LEDtube 600mm HO 8W830 T8	G13	200,000	60,000 hour(s)
929003557308	MAS LEDtube 600mm HO 8W840 T8	G13	200,000	60,000 hour(s)
929003557337	MAS LEDtube 600mm HO 8W840 T8 MY	G13	200,000	60,000 hour(s)
929003557408	MAS LEDtube 600mm HO 8W865 T8	G13	200,000	60,000 hour(s)
929003557437	MAS LEDtube 600mm HO 8W865 T8 MY	G13	200,000	60,000 hour(s)
929003636308	MAS LEDtube 580mm 6.5W840 T8 TW	G13	200,000	50,000 hour(s)
929003636408	MAS LEDtube 580mm 6.5W865 T8 TW	G13	200,000	50,000 hour(s)
929003636508	MAS LEDtube 590mm 6.5W840 T8 TW	G13	200,000	50,000 hour(s)
929003636608	MAS LEDtube 590mm 6.5W865 T8 TW	G13	200,000	50,000 hour(s)
929003636708	MAS LEDtube 1050mm 14W840 T8 TW	G13	200,000	50,000 hour(s)
929003636808	MAS LEDtube 1050mm 14W865 T8 TW	G13	200,000	50,000 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)
929001961102	MAS LEDtube 1050mm 16W 840 T8	G13 ROT	200,000	75,000 hour(s)
929001187882	Master LEDTube 1200 mm 18W 865 T8 I W	G13	50,000	50,000 hour(s)
929001375602	MAS LEDtube 1050mm 16W 830 T8	G13 ROT	200,000	75,000 hour(s)
929000299902	MASTER LEDtube Starter EMP	-	-	-
929001801432	MASTER LEDtube Starter EMP GenII OP	-	-	-
929001952848	Master LEDTube 1200mm 12.5W 840 T8 W JP	G13	200,000	50,000 hour(s)
929001952948	Master LEDTube 1200mm 12.5W 850 T8 W JP	G13	200,000	50,000 hour(s)
929001953048	Master LEDTube 1200mm 12.5W 865 T8 W JP	G13	200,000	50,000 hour(s)

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime	Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime
929002022648	Master LEDTube 1200mm 15.5W 840 T8 W JP	G13	200,000	50,000 hour(s)	929002483508	MAS LEDtube DE 580mm 6.5W865 100-240V T8	G13	200,000	50,000 hour(s)
929002022748	Master LEDTube 1200mm 15.5W 850 T8 W JP	G13	200,000	50,000 hour(s)	929002483608	MAS LEDtube DE 1200mm 13W865 100-240V T8	G13	200,000	50,000 hour(s)
929002022848	Master LEDTube 1200mm 15.5W 865 T8 W JP	G13	200,000	50,000 hour(s)	929002488908	MAS LEDtube DE 580mm 6.5W840 100-240V T8	G13	200,000	50,000 hour(s)
929002320948	Master LEDTube 1200mm 20.5W 850 T8 W JP	G13	200,000	50,000 hour(s)	929002489008	MAS LEDtube DE 1200mm 13W840 100-240V T8	G13	200,000	50,000 hour(s)
929002321048	Master LEDTube 1200mm 20.5W 865 T8 W JP	G13	200,000	50,000 hour(s)					

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		Color rendering		LLMF At End Of	
			Temperature (Nom)	index (CRI)	Color Code	Nominal Lifetime	Luminous Flux	
929001298402	MAS LEDtube 900mm HO 12W 840 T8	160 degree(s)	4000 K	80	840	70 %	1,575 lm	
929001298502	MAS LEDtube 900mm HO 12W 865 T8	160 degree(s)	6500 K	80	865	70 %	1,575 lm	
929001307002	MAS LEDtube 600mm HO 8W830 T8	160 degree(s)	3000 K	83	830	70 %	1,000 lm	
929001307102	MAS LEDtube 600mm HO 8W840 T8	160 degree(s)	4000 K	83	840	70 %	1,050 lm	
929001307202	MAS LEDtube 600mm HO 8W865 T8	160 degree(s)	6500 K	83	865	70 %	1,050 lm	
929001908008	MAS LEDtube 1200mm UO 16W 840 T8 FF RCA	160 degree(s)	4000 K	83	840	70 %	2,500 lm	
929001908108	MAS LEDtube 1200mm UO 16W 865 T8 FF RCA	160 degree(s)	6500 K	83	865	70 %	2,500 lm	
929001908308	MAS LEDtube 1500mm UO 24W 840 T8 FF RCA	160 degree(s)	4000 K	83	840	70 %	3,700 lm	
929001908408	MAS LEDtube 1500mm UO 24W 865 T8 FF RCA	160 degree(s)	6500 K	83	865	70 %	3,700 lm	
929001860648	Master LEDTube 580mm 8W 840 T8 I W JP	160 degree(s)	4000 K	80	840	70 %	1,050 lm	
929001860748	Master LEDTube 580mm 8W 850 T8 I W JP	160 degree(s)	5000 K	80	850	70 %	1,050 lm	
929001860848	Master LEDTube 580mm 8W 865 T8 I W JP	160 degree(s)	6500 K	80	865	70 %	1,050 lm	
929002998202	MAS LEDtube 1200mm UO 14.7W 830 T8	160 degree(s)	3000 K	80	830	70 %	2,300 lm	
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	160 degree(s)	4000 K	80	840	70 %	2,500 lm	
929002998402	MAS LEDtube 1200mm UO 14.7W 865 T8	160 degree(s)	6500 K	80	865	70 %	2,500 lm	
929002998502	MAS LEDtube 1500mm UO 21.7W 830 T8	160 degree(s)	3000 K	80	830	70 %	3,400 lm	
929002998602	MAS LEDtube 1500mm UO 21.7W 840 T8	160 degree(s)	4000 K	80	840	70 %	3,700 lm	
929002998702	MAS LEDtube 1500mm UO 21.7W 865 T8	160 degree(s)	6500 K	80	865	70 %	3,700 lm	
929003557512	MAS LEDtube 1200mm HO VVW 18W 840 T8	190 degree(s)	4000 K	80	840	70 %	2,100 lm	
929003557612	MAS LEDtube 1200mm HO VVW 18W 865 T8	190 degree(s)	6500 K	80	865	70 %	2,100 lm	
929003557712	MAS LEDtube 600mm HO VVW 10W 840 T8	190 degree(s)	4000 K	80	840	70 %	1,050 lm	
929003557812	MAS LEDtube 600mm HO VVW 10W 865 T8	190 degree(s)	6500 K	80	865	70 %	1,050 lm	
929003557908	MAS LEDtube 1200mm HO VVW 18W 840 T8 GM	190 degree(s)	4000 K	80	840	70 %	2,100 lm	
929003558008	MAS LEDtube 1200mm HO VVW 18W 865 T8 GM	190 degree(s)	6500 K	80	865	70 %	2,100 lm	
929003558108	MAS LEDtube 600mm HO VVW 10W 840 T8 GM	190 degree(s)	4000 K	80	840	70 %	1,050 lm	
929003558208	MAS LEDtube 600mm HO VVW 10W 865 T8 GM	190 degree(s)	6500 K	80	865	70 %	1,050 lm	
929003622121	MAS LEDtube 1200mm UO 14.7W850 T8 SH	160 degree(s)	5000 K	80	850	70 %	2,500 lm	
929001297719	MAS LEDtube STD 1200mm 10.5W865 T8 I AU	160 degree(s)	6500 K	83	865	70 %	1,600 lm	
929001375442	MAS LEDtube STD 1200mm 14W840 T8 I W	160 degree(s)	4000 K	80	840	70 %	2,100 lm	
929001877312	MAS LEDtube 1200mm HO VVW 18W 840 T8	160 degree(s)	4000 K	80	840	70 %	2,100 lm	
929001877412	MAS LEDtube 1200mm HO VVW 18W 865 T8	160 degree(s)	6500 K	80	865	70 %	2,100 lm	
929001877512	MAS LEDtube 600mm HO VVW 10W 840 T8	160 degree(s)	4000 K	80	840	70 %	1,050 lm	
929001877612	MAS LEDtube 600mm HO VVW 10W 865 T8	160 degree(s)	6500 K	80	865	70 %	1,050 lm	
929003102808	MAS LEDtube 1500mm 31W840 T8 TW	160 degree(s)	4000 K	80	840	70 %	5,200 lm	
929003102908	MAS LEDtube 1500mm 31W865 T8 TW	160 degree(s)	6500 K	80	865	70 %	5,200 lm	

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color	Color rendering		LLMF At End Of		Luminous Flux
			Temperature (Nom)	index (CRI)	Color Code	Nominal Lifetime (Nom)		
929003103008	MAS LEDtube 1200mm 15.5W840 T8 TW	160 degree(s)	4000 K	80	840	70 %	2,500 lm	
929003103108	MAS LEDtube 1200mm 15.5W865 T8 TW	160 degree(s)	6500 K	80	865	70 %	2,500 lm	
929003483421	MAS LEDtube 600mm HO 8W850 T8 SH	160 degree(s)	5000 K	80	850	70 %	1,050 lm	
929003555808	MAS LEDtube STD 1200mm 10.5W840 T8	190 degree(s)	4000 K	80	840	70 %	1,600 lm	
929003555908	MAS LEDtube STD 1200mm 10.5W865 T8	190 degree(s)	6500 K	80	865	70 %	1,600 lm	
929003556008	MAS LEDtube 1200mm HO 14W830 T8	190 degree(s)	3000 K	80	830	70 %	2,000 lm	
929003556108	MAS LEDtube 1200mm HO 14W840 T8	190 degree(s)	4000 K	80	840	70 %	2,100 lm	
929003556137	MAS LEDtube 1200mm HO 14W840 T8 MY	190 degree(s)	4000 K	80	840	70 %	2,100 lm	
929003556208	MAS LEDtube 1200mm HO 14W865 T8	190 degree(s)	6500 K	80	865	70 %	2,100 lm	
929003556237	MAS LEDtube 1200mm HO 14W865 T8 MY	190 degree(s)	6500 K	80	865	70 %	2,100 lm	
929003557208	MAS LEDtube 600mm HO 8W830 T8	190 degree(s)	3000 K	83	830	70 %	1,000 lm	
929003557308	MAS LEDtube 600mm HO 8W840 T8	190 degree(s)	4000 K	83	840	70 %	1,050 lm	
929003557337	MAS LEDtube 600mm HO 8W840 T8 MY	190 degree(s)	4000 K	83	840	70 %	1,050 lm	
929003557408	MAS LEDtube 600mm HO 8W865 T8	190 degree(s)	6500 K	83	865	70 %	1,050 lm	
929003557437	MAS LEDtube 600mm HO 8W865 T8 MY	190 degree(s)	6500 K	83	865	70 %	1,050 lm	
929003636308	MAS LEDtube 580mm 6.5W840 T8 TW	160 degree(s)	4000 K	80	840	70 %	1,050 lm	
929003636408	MAS LEDtube 580mm 6.5W865 T8 TW	160 degree(s)	6500 K	80	865	70 %	1,050 lm	
929003636508	MAS LEDtube 590mm 6.5W840 T8 TW	160 degree(s)	4000 K	80	840	70 %	1,050 lm	
929003636608	MAS LEDtube 590mm 6.5W865 T8 TW	160 degree(s)	6500 K	80	865	70 %	1,050 lm	
929003636708	MAS LEDtube 1050mm 14W840 T8 TW	160 degree(s)	4000 K	80	840	70 %	2,300 lm	
929003636808	MAS LEDtube 1050mm 14W865 T8 TW	160 degree(s)	6500 K	80	865	70 %	2,300 lm	
929003481702	MASTER LEDtube Starter EMP GenIII	-	-	-	-	70 %	-	
929001922602	MAS LEDtube 1200mm HO 12.5W 830 T8	160 degree(s)	3000 K	80	830	70 %	2,000 lm	
929001922702	MAS LEDtube 1200mm HO 12.5W 840 T8	160 degree(s)	4000 K	80	840	70 %	2,100 lm	
929001922802	MAS LEDtube 1200mm HO 12.5W 865 T8	160 degree(s)	6500 K	80	865	70 %	2,100 lm	
929001922902	MAS LEDtube 1500mm HO 18.2W 830 T8	160 degree(s)	3000 K	80	830	70 %	2,900 lm	
929001923002	MAS LEDtube 1500mm HO 18.2W 840 T8	160 degree(s)	4000 K	80	840	70 %	3,100 lm	
929001923102	MAS LEDtube 1500mm HO 18.2W 865 T8	160 degree(s)	6500 K	80	865	70 %	3,100 lm	
929001961102	MAS LEDtube 1050mm 16W 840 T8	160 degree(s)	4000 K	80	840	70 %	2,500 lm	
929001187882	Master LEDTube 1200 mm 18W 865 T8 I W	160 degree(s)	6500 K	82	865	70 %	2,100 lm	
929001375602	MAS LEDtube 1050mm 16W 830 T8	160 degree(s)	3000 K	80	830	70 %	2,300 lm	
929000299902	MASTER LEDtube Starter EMP	-	-	-	-	-	-	
929001801432	MASTER LEDtube Starter EMP GenII OP	-	-	-	-	-	-	
929001952848	Master LEDTube 1200mm 12.5W 840 T8 W JP	160 degree(s)	4000 K	83	840	70 %	2,000 lm	
929001952948	Master LEDTube 1200mm 12.5W 850 T8 W JP	160 degree(s)	5000 K	83	850	70 %	2,000 lm	
929001953048	Master LEDTube 1200mm 12.5W 865 T8 W JP	160 degree(s)	6500 K	83	865	70 %	2,000 lm	
929002022648	Master LEDTube 1200mm 15.5W 840 T8 W JP	160 degree(s)	4000 K	83	840	70 %	2,500 lm	
929002022748	Master LEDTube 1200mm 15.5W 850 T8 W JP	160 degree(s)	5000 K	83	850	70 %	2,500 lm	
929002022848	Master LEDTube 1200mm 15.5W 865 T8 W JP	160 degree(s)	6500 K	83	865	70 %	2,500 lm	
929002320948	Master LEDTube 1200mm 20.5W 850 T8 W JP	160 degree(s)	5000 K	83	850	70 %	3,300 lm	
929002321048	Master LEDTube 1200mm 20.5W 865 T8 W JP	160 degree(s)	6500 K	83	865	70 %	3,300 lm	
929002483508	MAS LEDtube DE 580mm 6.5W865 100-240V T8	240 degree(s)	6500 K	80	865	70 %	1,050 lm	
929002483608	MAS LEDtube DE 1200mm 13W865 100-240V T8	240 degree(s)	6500 K	80	865	70 %	2,100 lm	
929002488908	MAS LEDtube DE 580mm 6.5W840 100-240V T8	240 degree(s)	4000 K	80	840	70 %	1,050 lm	
929002489008	MAS LEDtube DE 1200mm 13W840 100-240V T8	240 degree(s)	4000 K	80	840	70 %	2,100 lm	

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Line Frequency	Power Consumption	Starting Time (Nom)	Wattage Equivalent
929001298402	MAS LEDtube 900mm HO 12W 840 T8	50 to 60 Hz	50 to 60 Hz	12 W	0.5 s	-

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Input Frequency	Line Frequency	Power Consumption	Starting Time (Nom)	Wattage Equivalent
929001298502	MAS LEDtube 900mm HO 12W 865 T8	50 to 60 Hz	50 to 60 Hz	12 W	0.5 s	-
929001307002	MAS LEDtube 600mm HO 8W830 T8	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	-
929001307102	MAS LEDtube 600mm HO 8W840 T8	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	-
929001307202	MAS LEDtube 600mm HO 8W865 T8	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	-
929001908008	MAS LEDtube 1200mm UO 16W 840 T8 FF RCA	50 to 60 Hz	50 to 60 Hz	16 W	0.5 s	-
929001908108	MAS LEDtube 1200mm UO 16W 865 T8 FF RCA	50 to 60 Hz	50 to 60 Hz	16 W	0.5 s	-
929001908308	MAS LEDtube 1500mm UO 24W 840 T8 FF RCA	50 to 60 Hz	50 to 60 Hz	24 W	0.5 s	-
929001908408	MAS LEDtube 1500mm UO 24W 865 T8 FF RCA	50 to 60 Hz	50 to 60 Hz	24 W	0.5 s	-
929001860648	Master LEDTube 580mm 8W 840 T8 I W JP	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	-
929001860748	Master LEDTube 580mm 8W 850 T8 I W JP	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	-
929001860848	Master LEDTube 580mm 8W 865 T8 I W JP	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	-
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	-
929002998602	MAS LEDtube 1500mm UO 21.7W 840 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	-
929003557512	MAS LEDtube 1200mm HO VWV 18W 840 T8	50 to 60 Hz	50 to 60 Hz	18 W	0.5 s	-
929003557612	MAS LEDtube 1200mm HO VWV 18W 865 T8	50 to 60 Hz	50 to 60 Hz	18 W	0.5 s	-
929003557712	MAS LEDtube 600mm HO VWV 10W 840 T8	50 to 60 Hz	50 to 60 Hz	10 W	0.5 s	-
929003557812	MAS LEDtube 600mm HO VWV 10W 865 T8	50 to 60 Hz	50 to 60 Hz	10 W	0.5 s	-
929003557908	MAS LEDtube 1200mm HO VWV 18W 840 T8 GM	50 to 60 Hz	50 to 60 Hz	18 W	0.5 s	-
929003558008	MAS LEDtube 1200mm HO VWV 18W 865 T8 GM	50 to 60 Hz	50 to 60 Hz	18 W	0.5 s	-
929003558108	MAS LEDtube 600mm HO VWV 10W 840 T8 GM	50 to 60 Hz	50 to 60 Hz	10 W	0.5 s	-
929003558208	MAS LEDtube 600mm HO VWV 10W 865 T8 GM	50 to 60 Hz	50 to 60 Hz	10 W	0.5 s	-
929003622121	MAS LEDtube 1200mm UO 14.7W850 T8 SH	50 to 60 Hz	50 to 60 Hz	14.7 W	0.5 s	-
929001297719	MAS LEDtube STD 1200mm 10.5W865 T8 I AU	50 to 60 Hz	-	10.5 W	0.5 s	36 W
929001375442	MAS LEDtube STD 1200mm 14W840 T8 I W	50 to 60 Hz	50 to 60 Hz	14 W	0.5 s	-
929001877312	MAS LEDtube 1200mm HO VWV 18W 840 T8	50 to 60 Hz	50 to 60 Hz	18 W	0.5 s	-
929001877412	MAS LEDtube 1200mm HO VWV 18W 865 T8	50 to 60 Hz	50 to 60 Hz	18 W	0.5 s	-
929001877512	MAS LEDtube 600mm HO VWV 10W 840 T8	50 to 60 Hz	50 to 60 Hz	10 W	0.5 s	-
929001877612	MAS LEDtube 600mm HO VWV 10W 865 T8	50 to 60 Hz	50 to 60 Hz	10 W	0.5 s	-
929003102808	MAS LEDtube 1500mm 31W840 T8 TW	50 to 60 Hz	50 to 60 Hz	31 W	0.9 s	-
929003102908	MAS LEDtube 1500mm 31W865 T8 TW	50 to 60 Hz	50 to 60 Hz	31 W	0.9 s	-
929003103008	MAS LEDtube 1200mm 15.5W840 T8 TW	50 to 60 Hz	50 to 60 Hz	15.5 W	0.9 s	-
929003103108	MAS LEDtube 1200mm 15.5W865 T8 TW	50 to 60 Hz	50 to 60 Hz	15.5 W	0.9 s	-
929003483421	MAS LEDtube 600mm HO 8W850 T8 SH	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	-
929003555808	MAS LEDtube STD 1200mm 10.5W840 T8	50 to 60 Hz	50 to 60 Hz	10.5 W	0.5 s	-
929003555908	MAS LEDtube STD 1200mm 10.5W865 T8	50 to 60 Hz	50 to 60 Hz	10.5 W	0.5 s	-
929003556008	MAS LEDtube 1200mm HO 14W830 T8	50 to 60 Hz	50 to 60 Hz	14 W	0.5 s	-
929003556108	MAS LEDtube 1200mm HO 14W840 T8	50 to 60 Hz	50 to 60 Hz	14 W	0.5 s	-
929003556137	MAS LEDtube 1200mm HO 14W840 T8 MY	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	-
929003556237	MAS LEDtube 1200mm HO 14W865 T8 MY	50 to 60 Hz	50 to 60 Hz	14 W	0.5 s	-
929003557208	MAS LEDtube 600mm HO 8W830 T8	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	-
929003557308	MAS LEDtube 600mm HO 8W840 T8	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	-
929003557337	MAS LEDtube 600mm HO 8W840 T8 MY	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	-
929003557408	MAS LEDtube 600mm HO 8W865 T8	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	-
929003557437	MAS LEDtube 600mm HO 8W865 T8 MY	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	-
929003636308	MAS LEDtube 580mm 6.5W840 T8 TW	50 to 60 Hz	-	6.5 W	0.5 s	18 W
929003636408	MAS LEDtube 580mm 6.5W865 T8 TW	50 to 60 Hz	-	6.5 W	0.5 s	18 W
929003636508	MAS LEDtube 590mm 6.5W840 T8 TW	50 to 60 Hz	-	6.5 W	0.5 s	18 W

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Input Frequency	Line Frequency	Power Consumption	Starting Time (Nom)	Wattage Equivalent
929003636608	MAS LEDtube 590mm 6.5W865 T8 TW	50 to 60 Hz	-	6.5 W	0.5 s	18 W
929003636708	MAS LEDtube 1050mm 14W840 T8 TW	50 to 60 Hz	-	14 W	0.5 s	38 W
929003636808	MAS LEDtube 1050mm 14W865 T8 TW	50 to 60 Hz	-	14 W	0.5 s	38 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	-
929001961102	MAS LEDtube 1050mm 16W 840 T8	50 to 60 Hz	50 to 60 Hz	16 W	0.5 s	-
929001187882	Master LEDTube 1200 mm 18W 865 T8 I W	50 to 60 Hz	50 to 60 Hz	18 W	0.5 s	-
929001375602	MAS LEDtube 1050mm 16W 830 T8	50 to 60 Hz	50 to 60 Hz	16 W	0.5 s	-
929000299902	MASTER LEDtube Starter EMP	50 to 60 Hz	50 to 60 Hz	-	-	-
929001801432	MASTER LEDtube Starter EMP GenII OP	-	-	-	-	-
929001952848	Master LEDTube 1200mm 12.5W 840 T8 W JP	50 to 60 Hz	50 to 60 Hz	12.5 W	0.5 s	-
929001952948	Master LEDTube 1200mm 12.5W 850 T8 W JP	50 to 60 Hz	50 to 60 Hz	12.5 W	0.5 s	-
929001953048	Master LEDTube 1200mm 12.5W 865 T8 W JP	50 to 60 Hz	50 to 60 Hz	12.5 W	0.5 s	-
929002022648	Master LEDTube 1200mm 15.5W 840 T8 W JP	50 to 60 Hz	50 to 60 Hz	15.5 W	0.5 s	-
929002022748	Master LEDTube 1200mm 15.5W 850 T8 W JP	50 to 60 Hz	50 to 60 Hz	15.5 W	0.5 s	-
929002022848	Master LEDTube 1200mm 15.5W 865 T8 W JP	50 to 60 Hz	50 to 60 Hz	15.5 W	0.5 s	-
929002320948	Master LEDTube 1200mm 20.5W 850 T8 W JP	50 to 60 Hz	50 to 60 Hz	20.5 W	0.5 s	-
929002321048	Master LEDTube 1200mm 20.5W 865 T8 W JP	50 to 60 Hz	50 to 60 Hz	20.5 W	0.5 s	-
929002483508	MAS LEDtube DE 580mm 6.5W865 100-240V T8	50 to 60 Hz	50 to 60 Hz	6.5 W	0.5 s	-
929002483608	MAS LEDtube DE 1200mm 13W865 100-240V T8	50 to 60 Hz	50 to 60 Hz	13 W	0.5 s	-
929002488908	MAS LEDtube DE 580mm 6.5W840 100-240V T8	50 to 60 Hz	50 to 60 Hz	6.5 W	0.5 s	-
929002489008	MAS LEDtube DE 1200mm 13W840 100-240V T8	50 to 60 Hz	50 to 60 Hz	13 W	0.5 s	-

Temperature

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)	Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929001298402	MAS LEDtube 900mm HO 12W 840 T8	-20 °C to 45 °C	50 °C	929001860648	Master LEDTube 580mm 8W 840 T8 I W JP	-20 °C to 45 °C	50 °C
929001298502	MAS LEDtube 900mm HO 12W 865 T8	-20 °C to 45 °C	50 °C	929001860748	Master LEDTube 580mm 8W 850 T8 I W JP	-20 °C to 45 °C	50 °C
929001307002	MAS LEDtube 600mm HO 8W830 T8	-20 °C to 45 °C	50 °C	929001860848	Master LEDTube 580mm 8W 865 T8 I W JP	-20 °C to 45 °C	50 °C
929001307102	MAS LEDtube 600mm HO 8W840 T8	-20 °C to 45 °C	50 °C	929002998202	MAS LEDtube 1200mm UO 14.7W 830 T8	-20 °C to 45 °C	55 °C
929001307202	MAS LEDtube 600mm HO 8W865 T8	-20 °C to 45 °C	50 °C	929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	-20 °C to 45 °C	55 °C
929001908008	MAS LEDtube 1200mm UO 16W 840 T8 FF RCA	-20 °C to 45 °C	55 °C	929002998402	MAS LEDtube 1200mm UO 14.7W 865 T8	-20 °C to 45 °C	55 °C
929001908108	MAS LEDtube 1200mm UO 16W 865 T8 FF RCA	-20 °C to 45 °C	55 °C	929002998502	MAS LEDtube 1500mm UO 21.7W 830 T8	-20 °C to 45 °C	60 °C
929001908308	MAS LEDtube 1500mm UO 24W 840 T8 FF RCA	-20 °C to 45 °C	60 °C	929002998602	MAS LEDtube 1500mm UO 21.7W 840 T8	-20 °C to 45 °C	60 °C
929001908408	MAS LEDtube 1500mm UO 24W 865 T8 FF RCA	-20 °C to 45 °C	60 °C	929002998702	MAS LEDtube 1500mm UO 21.7W 865 T8	-20 °C to 45 °C	60 °C

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929003557512	MAS LEDtube 1200mm HO VWV 18W 840 T8	-20 °C to 45 °C	50 °C
929003557612	MAS LEDtube 1200mm HO VWV 18W 865 T8	-20 °C to 45 °C	50 °C
929003557712	MAS LEDtube 600mm HO VWV 10W 840 T8	-20 °C to 45 °C	50 °C
929003557812	MAS LEDtube 600mm HO VWV 10W 865 T8	-20 °C to 45 °C	50 °C
929003557908	MAS LEDtube 1200mm HO VWV 18W 840 T8 GM	-20 °C to 45 °C	50 °C
929003558008	MAS LEDtube 1200mm HO VWV 18W 865 T8 GM	-20 °C to 45 °C	50 °C
929003558108	MAS LEDtube 600mm HO VWV 10W 840 T8 GM	-20 °C to 45 °C	50 °C
929003558208	MAS LEDtube 600mm HO VWV 10W 865 T8 GM	-20 °C to 45 °C	50 °C
929003622121	MAS LEDtube 1200mm UO 14.7W850 T8 SH	-20 °C to 45 °C	55 °C
929001297719	MAS LEDtube STD 1200mm 10.5W865 T8 I AU	-20 to +45 °C	50 °C
929001375442	MAS LEDtube STD 1200mm 14W840 T8 I W	-20 °C to 45 °C	55 °C
929001877312	MAS LEDtube 1200mm HO VWV 18W 840 T8	-20 °C to 45 °C	60 °C
929001877412	MAS LEDtube 1200mm HO VWV 18W 865 T8	-20 °C to 45 °C	60 °C
929001877512	MAS LEDtube 600mm HO VWV 10W 840 T8	-20 °C to 45 °C	60 °C
929001877612	MAS LEDtube 600mm HO VWV 10W 865 T8	-20 °C to 45 °C	60 °C
929003102808	MAS LEDtube 1500mm 31W840 T8 TW	-20 °C to 45 °C	65 °C
929003102908	MAS LEDtube 1500mm 31W865 T8 TW	-20 °C to 45 °C	65 °C
929003103008	MAS LEDtube 1200mm 15.5W840 T8 TW	-20 °C to 45 °C	65 °C
929003103108	MAS LEDtube 1200mm 15.5W865 T8 TW	-20 °C to 45 °C	65 °C
929003483421	MAS LEDtube 600mm HO 8W850 T8 SH	-20 °C to 45 °C	50 °C
929003555808	MAS LEDtube STD 1200mm 10.5W840 T8	-20 °C to 45 °C	50 °C
929003555908	MAS LEDtube STD 1200mm 10.5W865 T8	-20 °C to 45 °C	50 °C
929003556008	MAS LEDtube 1200mm HO 14W830 T8	-20 °C to 45 °C	50 °C
929003556108	MAS LEDtube 1200mm HO 14W840 T8	-20 °C to 45 °C	50 °C
929003556137	MAS LEDtube 1200mm HO 14W840 T8 MY	-20 °C to 45 °C	50 °C

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929003556208	MAS LEDtube 1200mm HO 14W865 T8	-20 °C to 45 °C	50 °C
929003556237	MAS LEDtube 1200mm HO 14W865 T8 MY	-20 °C to 45 °C	50 °C
929003557208	MAS LEDtube 600mm HO 8W830 T8	-20 °C to 45 °C	50 °C
929003557308	MAS LEDtube 600mm HO 8W840 T8	-20 °C to 45 °C	50 °C
929003557337	MAS LEDtube 600mm HO 8W840 T8 MY	-20 °C to 45 °C	50 °C
929003557408	MAS LEDtube 600mm HO 8W865 T8	-20 °C to 45 °C	50 °C
929003557437	MAS LEDtube 600mm HO 8W865 T8 MY	-20 °C to 45 °C	50 °C
929003636308	MAS LEDtube 580mm 6.5W840 T8 TW	-20 to +45 °C	40 °C
929003636408	MAS LEDtube 580mm 6.5W865 T8 TW	-20 to +45 °C	40 °C
929003636508	MAS LEDtube 590mm 6.5W840 T8 TW	-20 to +45 °C	40 °C
929003636608	MAS LEDtube 590mm 6.5W865 T8 TW	-20 to +45 °C	40 °C
929003636708	MAS LEDtube 1050mm 14W840 T8 TW	-20 to +45 °C	52 °C
929003636808	MAS LEDtube 1050mm 14W865 T8 TW	-20 to +45 °C	52 °C
929003481702	MASTER LEDtube Starter EMP GenIII	-	-
929001922602	MAS LEDtube 1200mm HO 12.5W 830 T8	-20 °C to 45 °C	50 °C
929001922702	MAS LEDtube 1200mm HO 12.5W 840 T8	-20 °C to 45 °C	50 °C
929001922802	MAS LEDtube 1200mm HO 12.5W 865 T8	-20 °C to 45 °C	50 °C
929001922902	MAS LEDtube 1500mm HO 18.2W 830 T8	-20 °C to 45 °C	55 °C
929001923002	MAS LEDtube 1500mm HO 18.2W 840 T8	-20 °C to 45 °C	55 °C
929001923102	MAS LEDtube 1500mm HO 18.2W 865 T8	-20 °C to 45 °C	55 °C
929001961102	MAS LEDtube 1050mm 16W 840 T8	-20 °C to 45 °C	55 °C
929001187882	Master LEDtube 1200 mm 18W 865 T8 I W	-20 °C to 45 °C	55 °C
929001375602	MAS LEDtube 1050mm 16W 830 T8	-20 °C to 45 °C	55 °C
929000299902	MASTER LEDtube Starter EMP	-	-
929001801432	MASTER LEDtube Starter EMP GenII OP	-	-

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929001952848	Master LEDTube 1200mm 12.5W 840 T8 W JP	-20 °C to 45 °C	55 °C
929001952948	Master LEDTube 1200mm 12.5W 850 T8 W JP	-20 °C to 45 °C	55 °C
929001953048	Master LEDTube 1200mm 12.5W 865 T8 W JP	-20 °C to 45 °C	55 °C
929002022648	Master LEDTube 1200mm 15.5W 840 T8 W JP	-20 °C to 45 °C	55 °C
929002022748	Master LEDTube 1200mm 15.5W 850 T8 W JP	-20 °C to 45 °C	55 °C
929002022848	Master LEDTube 1200mm 15.5W 865 T8 W JP	-20 °C to 45 °C	55 °C

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929002320948	Master LEDTube 1200mm 20.5W 850 T8 W JP	-20 °C to 45 °C	60 °C
929002321048	Master LEDTube 1200mm 20.5W 865 T8 W JP	-20 °C to 45 °C	60 °C
929002483508	MAS LEDtube DE 580mm 6.5W865 100-240V T8	-20 °C to 45 °C	65 °C
929002483608	MAS LEDtube DE 1200mm 13W865 100-240V T8	-20 °C to 45 °C	65 °C
929002488908	MAS LEDtube DE 580mm 6.5W840 100-240V T8	-20 °C to 45 °C	65 °C
929002489008	MAS LEDtube DE 1200mm 13W840 100-240V T8	-20 °C to 45 °C	65 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
929001298402	MAS LEDtube 900mm HO 12W 840 T8	No
929001298502	MAS LEDtube 900mm HO 12W 865 T8	No
929001307002	MAS LEDtube 600mm HO 8W830 T8	No
929001307102	MAS LEDtube 600mm HO 8W840 T8	No
929001307202	MAS LEDtube 600mm HO 8W865 T8	No
929001908008	MAS LEDtube 1200mm UO 16W 840 T8 FF RCA	No
929001908108	MAS LEDtube 1200mm UO 16W 865 T8 FF RCA	No
929001908308	MAS LEDtube 1500mm UO 24W 840 T8 FF RCA	No
929001908408	MAS LEDtube 1500mm UO 24W 865 T8 FF RCA	No
929001860648	Master LEDTube 580mm 8W 840 T8 I W JP	No
929001860748	Master LEDTube 580mm 8W 850 T8 I W JP	No
929001860848	Master LEDTube 580mm 8W 865 T8 I W JP	No
929002998202	MAS LEDtube 1200mm UO 14.7W 830 T8	No
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	No
929002998402	MAS LEDtube 1200mm UO 14.7W 865 T8	No
929002998502	MAS LEDtube 1500mm UO 21.7W 830 T8	No
929002998602	MAS LEDtube 1500mm UO 21.7W 840 T8	No
929002998702	MAS LEDtube 1500mm UO 21.7W 865 T8	No
929003557512	MAS LEDtube 1200mm HO VVW 18W 840 T8	No
929003557612	MAS LEDtube 1200mm HO VVW 18W 865 T8	No
929003557712	MAS LEDtube 600mm HO VVW 10W 840 T8	No
929003557812	MAS LEDtube 600mm HO VVW 10W 865 T8	No
929003557908	MAS LEDtube 1200mm HO VVW 18W 840 T8 GM	No
929003558008	MAS LEDtube 1200mm HO VVW 18W 865 T8 GM	No
929003558108	MAS LEDtube 600mm HO VVW 10W 840 T8 GM	No
929003558208	MAS LEDtube 600mm HO VVW 10W 865 T8 GM	No
929003622121	MAS LEDtube 1200mm UO 14.7W850 T8 SH	No
929001297719	MAS LEDtube STD 1200mm 10.5W865 T8 I AU	No
929001375442	MAS LEDtube STD 1200mm 14W840 T8 I W	No
929001877312	MAS LEDtube 1200mm HO VVW 18W 840 T8	No
929001877412	MAS LEDtube 1200mm HO VVW 18W 865 T8	No
929001877512	MAS LEDtube 600mm HO VVW 10W 840 T8	No
929001877612	MAS LEDtube 600mm HO VVW 10W 865 T8	No
929003102808	MAS LEDtube 1500mm 31W840 T8 TW	No

Order Code	Full Product Name	Dimmable
929003102908	MAS LEDtube 1500mm 31W865 T8 TW	No
929003103008	MAS LEDtube 1200mm 15.5W840 T8 TW	No
929003103108	MAS LEDtube 1200mm 15.5W865 T8 TW	No
929003483421	MAS LEDtube 600mm HO 8W850 T8 SH	No
929003555808	MAS LEDtube STD 1200mm 10.5W840 T8	No
929003555908	MAS LEDtube STD 1200mm 10.5W865 T8	No
929003556008	MAS LEDtube 1200mm HO 14W830 T8	No
929003556108	MAS LEDtube 1200mm HO 14W840 T8	No
929003556137	MAS LEDtube 1200mm HO 14W840 T8 MY	No
929003556208	MAS LEDtube 1200mm HO 14W865 T8	No
929003556237	MAS LEDtube 1200mm HO 14W865 T8 MY	No
929003557208	MAS LEDtube 600mm HO 8W830 T8	No
929003557308	MAS LEDtube 600mm HO 8W840 T8	No
929003557337	MAS LEDtube 600mm HO 8W840 T8 MY	No
929003557408	MAS LEDtube 600mm HO 8W865 T8	No
929003557437	MAS LEDtube 600mm HO 8W865 T8 MY	No
929003636308	MAS LEDtube 580mm 6.5W840 T8 TW	No
929003636408	MAS LEDtube 580mm 6.5W865 T8 TW	No
929003636508	MAS LEDtube 590mm 6.5W840 T8 TW	No
929003636608	MAS LEDtube 590mm 6.5W865 T8 TW	No
929003636708	MAS LEDtube 1050mm 14W840 T8 TW	No
929003636808	MAS LEDtube 1050mm 14W865 T8 TW	No
929003481702	MASTER LEDtube Starter EMP GenIII	No
929001922602	MAS LEDtube 1200mm HO 12.5W 830 T8	No
929001922702	MAS LEDtube 1200mm HO 12.5W 840 T8	No
929001922802	MAS LEDtube 1200mm HO 12.5W 865 T8	No
929001922902	MAS LEDtube 1500mm HO 18.2W 830 T8	No
929001923002	MAS LEDtube 1500mm HO 18.2W 840 T8	No
929001923102	MAS LEDtube 1500mm HO 18.2W 865 T8	No
929001961102	MAS LEDtube 1050mm 16W 840 T8	No
929001187882	Master LEDTube 1200 mm 18W 865 T8 I W	No
929001375602	MAS LEDtube 1050mm 16W 830 T8	No
929000299902	MASTER LEDtube Starter EMP	-
929001801432	MASTER LEDtube Starter EMP GenII OP	-

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Dimmable
929001952848	Master LEDTube 1200mm 12.5W 840 T8 W JP	No
929001952948	Master LEDTube 1200mm 12.5W 850 T8 W JP	No
929001953048	Master LEDTube 1200mm 12.5W 865 T8 W JP	No
929002022648	Master LEDTube 1200mm 15.5W 840 T8 W JP	No
929002022748	Master LEDTube 1200mm 15.5W 850 T8 W JP	No
929002022848	Master LEDTube 1200mm 15.5W 865 T8 W JP	No

Order Code	Full Product Name	Dimmable
929002320948	Master LEDTube 1200mm 20.5W 850 T8 W JP	No
929002321048	Master LEDTube 1200mm 20.5W 865 T8 W JP	No
929002483508	MAS LEDtube DE 580mm 6.5W865 100-240V T8	No
929002483608	MAS LEDtube DE 1200mm 13W865 100-240V T8	No
929002488908	MAS LEDtube DE 580mm 6.5W840 100-240V T8	No
929002489008	MAS LEDtube DE 1200mm 13W840 100-240V T8	No

Mechanical and Housing

Order Code	Full Product Name	Bulb	
		Bulb Finish	Shape
929001298402	MAS LEDtube 900mm HO 12W 840 T8	Frosted	T8
929001298502	MAS LEDtube 900mm HO 12W 865 T8	Frosted	T8
929001307002	MAS LEDtube 600mm HO 8W830 T8	Frosted	T8
929001307102	MAS LEDtube 600mm HO 8W840 T8	Frosted	T8
929001307202	MAS LEDtube 600mm HO 8W865 T8	Frosted	T8
929001908008	MAS LEDtube 1200mm UO 16W 840 T8 FF RCA	-	T8
929001908108	MAS LEDtube 1200mm UO 16W 865 T8 FF RCA	-	T8
929001908308	MAS LEDtube 1500mm UO 24W 840 T8 FF RCA	-	T8
929001908408	MAS LEDtube 1500mm UO 24W 865 T8 FF RCA	-	T8
929001860648	Master LEDTube 580mm 8W 840 T8 I W JP	Frosted	T8
929001860748	Master LEDTube 580mm 8W 850 T8 I W JP	Frosted	T8
929001860848	Master LEDTube 580mm 8W 865 T8 I W JP	Frosted	T8
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
929002998602	MAS LEDtube 1500mm UO 21.7W 840 T8	Frosted	T8
929002998702	MAS LEDtube 1500mm UO 21.7W 865 T8	Frosted	T8
929003557512	MAS LEDtube 1200mm HO VWV 18W 840 T8	Frosted	T8
929003557612	MAS LEDtube 1200mm HO VWV 18W 865 T8	Frosted	T8
929003557712	MAS LEDtube 600mm HO VWV 10W 840 T8	Frosted	T8
929003557812	MAS LEDtube 600mm HO VWV 10W 865 T8	Frosted	T8
929003557908	MAS LEDtube 1200mm HO VWV 18W 840 T8 GM	Frosted	T8
929003558008	MAS LEDtube 1200mm HO VWV 18W 865 T8 GM	Frosted	T8
929003558108	MAS LEDtube 600mm HO VWV 10W 840 T8 GM	Frosted	T8
929003558208	MAS LEDtube 600mm HO VWV 10W 865 T8 GM	Frosted	T8
929003622121	MAS LEDtube 1200mm UO 14.7W850 T8 SH	Frosted	T8
929001297719	MAS LEDtube STD 1200mm 10.5W865 T8 I AU	-	T8
929001375442	MAS LEDtube STD 1200mm 14W840 T8 I W	Frosted	T8
929001877312	MAS LEDtube 1200mm HO VWV 18W 840 T8	-	T8
929001877412	MAS LEDtube 1200mm HO VWV 18W 865 T8	-	T8
929001877512	MAS LEDtube 600mm HO VWV 10W 840 T8	Frosted	T8

Order Code	Full Product Name	Bulb	
		Bulb Finish	Shape
929001877612	MAS LEDtube 600mm HO VWV 10W 865 T8	Frosted	T8
929003102808	MAS LEDtube 1500mm 31W840 T8 TW	Frosted	T8
929003102908	MAS LEDtube 1500mm 31W865 T8 TW	Frosted	T8
929003103008	MAS LEDtube 1200mm 15.5W840 T8 TW	Frosted	T8
929003103108	MAS LEDtube 1200mm 15.5W865 T8 TW	Frosted	T8
929003483421	MAS LEDtube 600mm HO 8W850 T8 SH	Frosted	T8
929003555808	MAS LEDtube STD 1200mm 10.5W840 T8	Frosted	T8
929003555908	MAS LEDtube STD 1200mm 10.5W865 T8	Frosted	T8
929003556008	MAS LEDtube 1200mm HO 14W830 T8	Frosted	T8
929003556108	MAS LEDtube 1200mm HO 14W840 T8	Frosted	T8
929003556137	MAS LEDtube 1200mm HO 14W840 T8 MY	Frosted	T8
929003556208	MAS LEDtube 1200mm HO 14W865 T8	Frosted	T8
929003556237	MAS LEDtube 1200mm HO 14W865 T8 MY	Frosted	T8
929003557208	MAS LEDtube 600mm HO 8W830 T8	Frosted	T8
929003557308	MAS LEDtube 600mm HO 8W840 T8	Frosted	T8
929003557337	MAS LEDtube 600mm HO 8W840 T8 MY	Frosted	T8
929003557408	MAS LEDtube 600mm HO 8W865 T8	Frosted	T8
929003557437	MAS LEDtube 600mm HO 8W865 T8 MY	Frosted	T8
929003636308	MAS LEDtube 580mm 6.5W840 T8 TW	Frosted	T8
929003636408	MAS LEDtube 580mm 6.5W865 T8 TW	Frosted	T8
929003636508	MAS LEDtube 590mm 6.5W840 T8 TW	Frosted	T8
929003636608	MAS LEDtube 590mm 6.5W865 T8 TW	Frosted	T8
929003636708	MAS LEDtube 1050mm 14W840 T8 TW	Frosted	T8
929003636808	MAS LEDtube 1050mm 14W865 T8 TW	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
929001961102	MAS LEDtube 1050mm 16W 840 T8	Frosted	T8
929001187882	Master LEDTube 1200 mm 18W 865 T8 I W	-	T8
929001375602	MAS LEDtube 1050mm 16W 830 T8	Frosted	T8
929000299902	MASTER LEDtube Starter EMP	-	-
929001801432	MASTER LEDtube Starter EMP GenII OP	-	-
929001952848	Master LEDTube 1200mm 12.5W 840 T8 W JP	Frosted	T8
929001952948	Master LEDTube 1200mm 12.5W 850 T8 W JP	Frosted	T8

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Bulb	
		Bulb Finish	Shape
929001953048	Master LEDTube 1200mm 12.5W 865 T8 W JP	Frosted	T8
929002022648	Master LEDTube 1200mm 15.5W 840 T8 W JP	Frosted	T8
929002022748	Master LEDTube 1200mm 15.5W 850 T8 W JP	Frosted	T8
929002022848	Master LEDTube 1200mm 15.5W 865 T8 W JP	Frosted	T8
929002320948	Master LEDTube 1200mm 20.5W 850 T8 W JP	Frosted	T8

Order Code	Full Product Name	Bulb	
		Bulb Finish	Shape
929002321048	Master LEDTube 1200mm 20.5W 865 T8 W JP	Frosted	T8
929002483508	MAS LEDtube DE 580mm 6.5W865 100-240V T8	Frosted	T8
929002483608	MAS LEDtube DE 1200mm 13W865 100-240V T8	Frosted	T8
929002488908	MAS LEDtube DE 580mm 6.5W840 100-240V T8	Frosted	T8
929002489008	MAS LEDtube DE 1200mm 13W840 100-240V T8	Frosted	T8

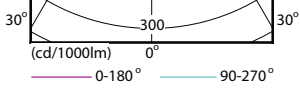
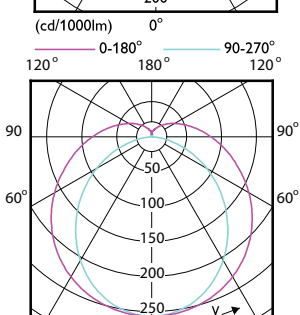
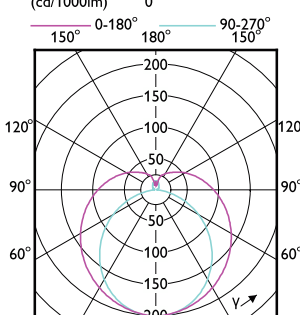
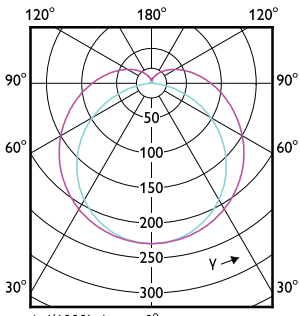
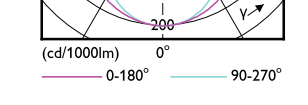
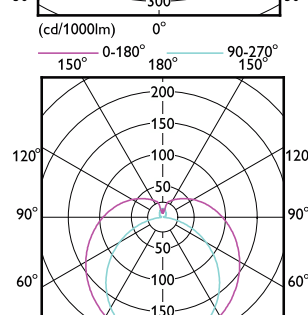
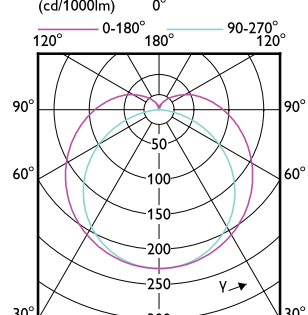
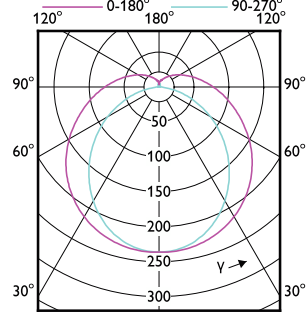
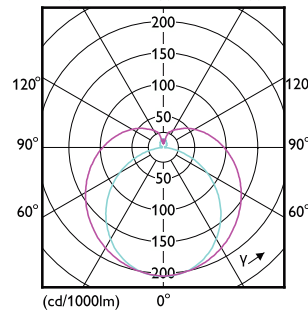
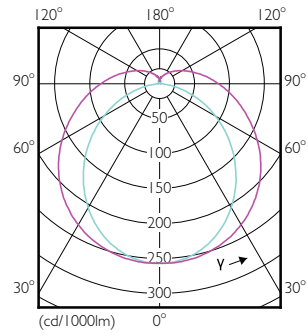
Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/
		1000 h
929001298402	MAS LEDtube 900mm HO 12W 840 T8	12 kWh
929001298502	MAS LEDtube 900mm HO 12W 865 T8	12 kWh
929001307002	MAS LEDtube 600mm HO 8W830 T8	8 kWh
929001307102	MAS LEDtube 600mm HO 8W840 T8	8 kWh
929001307202	MAS LEDtube 600mm HO 8W865 T8	8 kWh
929001908008	MAS LEDtube 1200mm UO 16W 840 T8 FF RCA	16 kWh
929001908108	MAS LEDtube 1200mm UO 16W 865 T8 FF RCA	16 kWh
929001908308	MAS LEDtube 1500mm UO 24W 840 T8 FF RCA	24 kWh
929001908408	MAS LEDtube 1500mm UO 24W 865 T8 FF RCA	24 kWh
929001860648	Master LEDTube 580mm 8W 840 T8 I W JP	-
929001860748	Master LEDTube 580mm 8W 850 T8 I W JP	-
929001860848	Master LEDTube 580mm 8W 865 T8 I W JP	-
929002998202	MAS LEDtube 1200mm UO 14.7W 830 T8	15 kWh
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	15 kWh
929002998402	MAS LEDtube 1200mm UO 14.7W 865 T8	15 kWh
929002998502	MAS LEDtube 1500mm UO 21.7W 830 T8	22 kWh
929002998602	MAS LEDtube 1500mm UO 21.7W 840 T8	22 kWh
929002998702	MAS LEDtube 1500mm UO 21.7W 865 T8	22 kWh
929003557512	MAS LEDtube 1200mm HO VWV 18W 840 T8	-
929003557612	MAS LEDtube 1200mm HO VWV 18W 865 T8	-
929003557712	MAS LEDtube 600mm HO VWV 10W 840 T8	-
929003557812	MAS LEDtube 600mm HO VWV 10W 865 T8	-
929003557908	MAS LEDtube 1200mm HO VWV 18W 840 T8 GM	-
929003558008	MAS LEDtube 1200mm HO VWV 18W 865 T8 GM	-
929003558108	MAS LEDtube 600mm HO VWV 10W 840 T8 GM	-
929003558208	MAS LEDtube 600mm HO VWV 10W 865 T8 GM	-
929003622121	MAS LEDtube 1200mm UO 14.7W850 T8 SH	-
929001297719	MAS LEDtube STD 1200mm 10.5W865 T8 I AU	-
929001375442	MAS LEDtube STD 1200mm 14W840 T8 I W	14 kWh
929001877312	MAS LEDtube 1200mm HO VWV 18W 840 T8	18 kWh
929001877412	MAS LEDtube 1200mm HO VWV 18W 865 T8	18 kWh
929001877512	MAS LEDtube 600mm HO VWV 10W 840 T8	10 kWh

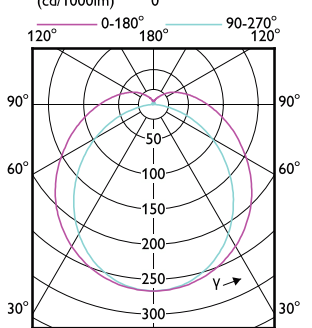
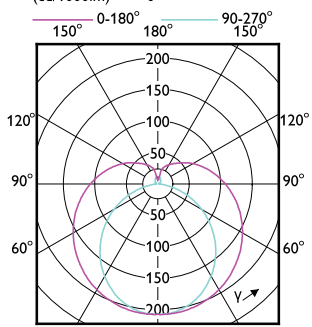
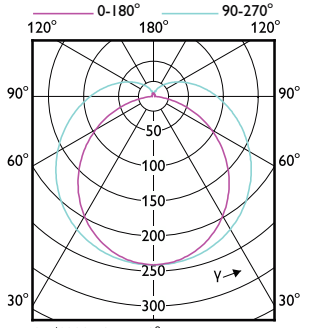
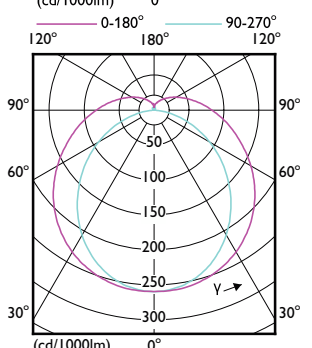
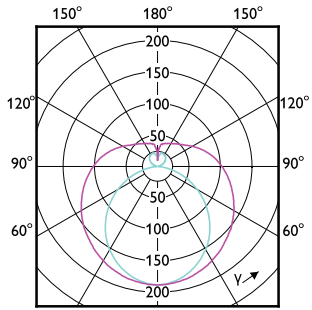
Order Code	Full Product Name	Energy Consumption kWh/
		1000 h
929001877612	MAS LEDtube 600mm HO VWV 10W 865 T8	10 kWh
929003102808	MAS LEDtube 1500mm 31W840 T8 TW	-
929003102908	MAS LEDtube 1500mm 31W865 T8 TW	-
929003103008	MAS LEDtube 1200mm 15.5W840 T8 TW	-
929003103108	MAS LEDtube 1200mm 15.5W865 T8 TW	-
929003483421	MAS LEDtube 600mm HO 8W850 T8 SH	-
929003555808	MAS LEDtube STD 1200mm 10.5W840 T8	-
929003555908	MAS LEDtube STD 1200mm 10.5W865 T8	-
929003556008	MAS LEDtube 1200mm HO 14W830 T8	-
929003556108	MAS LEDtube 1200mm HO 14W840 T8	-
929003556137	MAS LEDtube 1200mm HO 14W840 T8 MY	-
929003556208	MAS LEDtube 1200mm HO 14W865 T8	-
929003556237	MAS LEDtube 1200mm HO 14W865 T8 MY	-
929003557208	MAS LEDtube 600mm HO 8W830 T8	-
929003557308	MAS LEDtube 600mm HO 8W840 T8	-
929003557337	MAS LEDtube 600mm HO 8W840 T8 MY	-
929003557408	MAS LEDtube 600mm HO 8W865 T8	-
929003557437	MAS LEDtube 600mm HO 8W865 T8 MY	-
929003636308	MAS LEDtube 580mm 6.5W840 T8 TW	-
929003636408	MAS LEDtube 580mm 6.5W865 T8 TW	-
929003636508	MAS LEDtube 590mm 6.5W840 T8 TW	-
929003636608	MAS LEDtube 590mm 6.5W865 T8 TW	-
929003636708	MAS LEDtube 1050mm 14W840 T8 TW	-
929003636808	MAS LEDtube 1050mm 14W865 T8 TW	-
929003481702	MASTER LEDtube Starter EMP GenIII	- kWh
929001922602	MAS LEDtube 1200mm HO 12.5W 830 T8	13 kWh
929001922702	MAS LEDtube 1200mm HO 12.5W 840 T8	13 kWh
929001922802	MAS LEDtube 1200mm HO 12.5W 865 T8	13 kWh
929001922902	MAS LEDtube 1500mm HO 18.2W 830 T8	19 kWh
929001923002	MAS LEDtube 1500mm HO 18.2W 840 T8	19 kWh
929001923102	MAS LEDtube 1500mm HO 18.2W 865 T8	19 kWh
929001961102	MAS LEDtube 1050mm 16W 840 T8	16 kWh
929001187882	Master LEDTube 1200 mm 18W 865 T8 I W	18 kWh
929001375602	MAS LEDtube 1050mm 16W 830 T8	16 kWh
929000299902	MASTER LEDtube Starter EMP	-

MASTER LEDtube EM/Mains T8

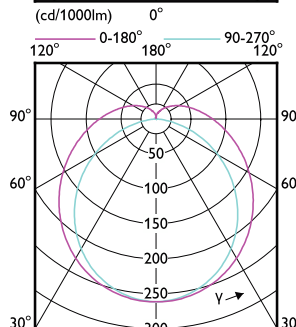
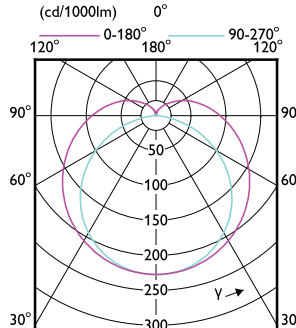
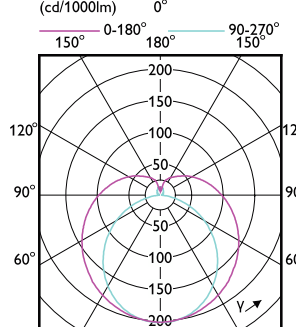
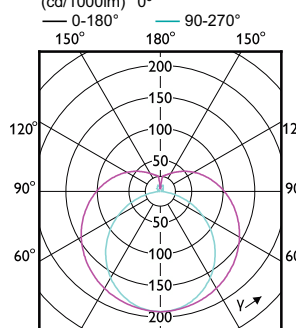
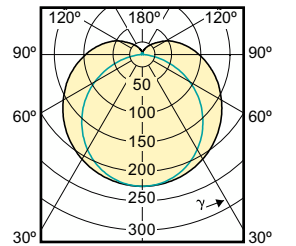
Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001801432	MASTER LEDtube Starter EMP GenII OP	-
929001952848	Master LEDTube 1200mm 12.5W 840 T8 W JP	-
929001952948	Master LEDTube 1200mm 12.5W 850 T8 W JP	-
929001953048	Master LEDTube 1200mm 12.5W 865 T8 W JP	-
929002022648	Master LEDTube 1200mm 15.5W 840 T8 W JP	-
929002022748	Master LEDTube 1200mm 15.5W 850 T8 W JP	-
929002022848	Master LEDTube 1200mm 15.5W 865 T8 W JP	-
929002320948	Master LEDTube 1200mm 20.5W 850 T8 W JP	-
929002321048	Master LEDTube 1200mm 20.5W 865 T8 W JP	-
929002483508	MAS LEDtube DE 580mm 6.5W865 100-240V T8	-
929002483608	MAS LEDtube DE 1200mm 13W865 100-240V T8	-
929002488908	MAS LEDtube DE 580mm 6.5W840 100-240V T8	-
929002489008	MAS LEDtube DE 1200mm 13W840 100-240V T8	-



MASTER LEDtube EM/Mains T8

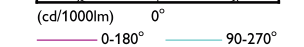
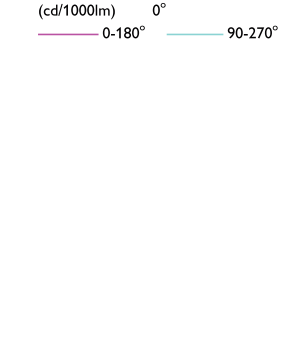
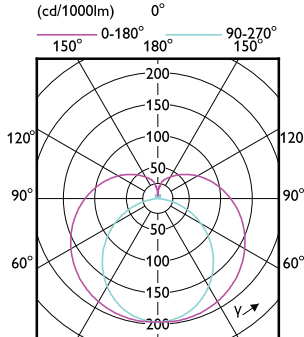
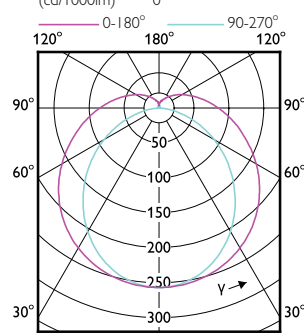
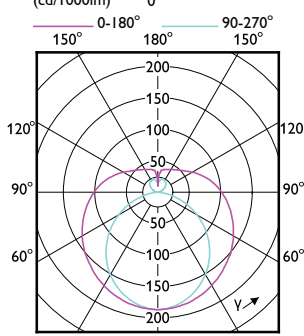
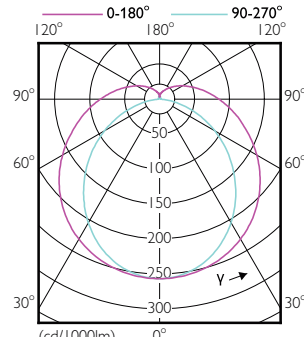
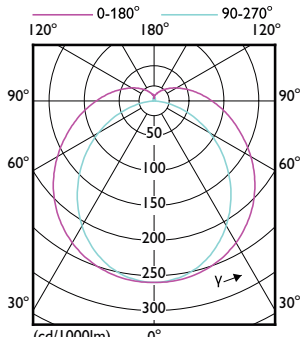
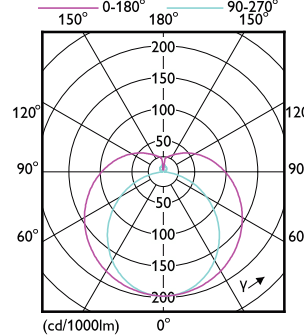
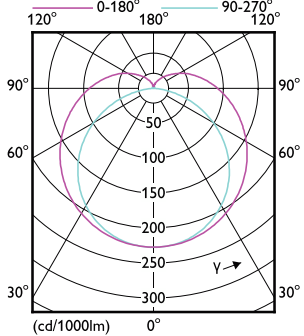
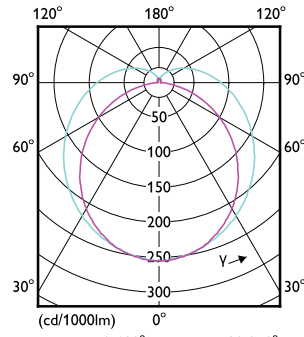
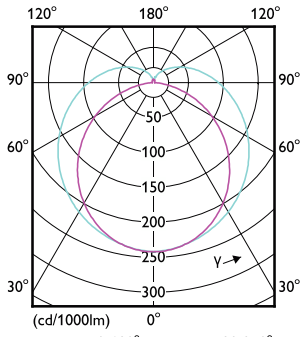


(cd/1000lm) 0° 0-180° 90-270°



(cd/1000lm) 0° 0-180° 90-270°

MASTER LEDtube EM/Mains T8



MASTER LEDtube EM/Mains T8

