



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

- –
- –

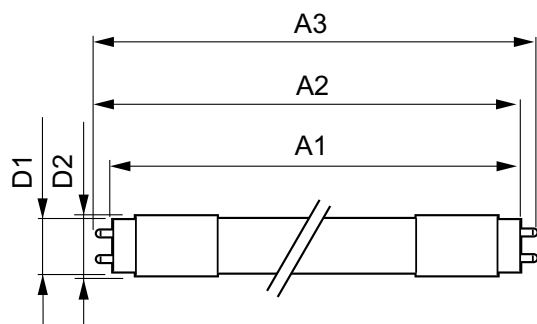
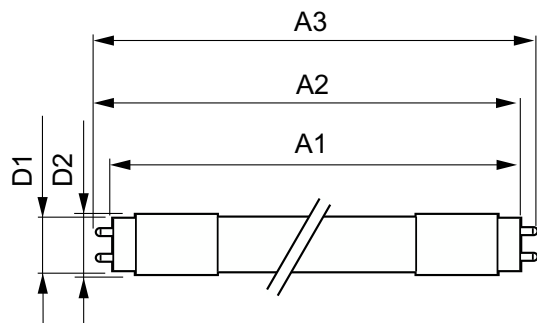
Versions



LEDtubes, 600mm 8.5W, 900mm
10.5W, 1200mm 12W, 1200mm 15W

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 840 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 600mm HO 7.6W830 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 600mm HO 7.6W840 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 600mm HO 7.6W865 T8	25.8 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 900mm HO 12W 840 T8	25.78 mm	28 mm	893.3 mm	900.4 mm	907.5 mm

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 11.3W 830 T8 EELC	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO 11.3W 840 T8 EELB	25.8 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
MAS LEDtube 1200mm HO 11.3W 865 T8 EELB	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 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 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

MASTER LEDtube EM/Mains T8

Dimensional drawing

Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm UO+ 18.7W865 T8	25.7 mm	28 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm
MAS LEDtube 1500mm HO 16.7W 830 T8 EELC	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
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 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 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

General Information	
Switching Cycle	200,000
Light Technical	
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T8

General Information

Order Code	Full Product Name	Cap-Base	Nominal lifetime
929001298402	MAS LEDtube 900mm HO 12W 840 T8	G13 ROT	75,000 hour(s)
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	G13 ROT	75,000 hour(s)
929004241802	MAS LEDtube 1200mm UO 13.5W 830 T8 EELC	G13 ROT	75,000 hour(s)
929004241902	MAS LEDtube 1200mm UO 13.5W 840 T8 EELB	G13 ROT	75,000 hour(s)
929004242002	MAS LEDtube 1200mm UO 13.5W 865 T8 EELB	G13 ROT	75,000 hour(s)
929004242102	MAS LEDtube 1500mm UO 20W 830 T8 EELC	G13 ROT	75,000 hour(s)
929004242202	MAS LEDtube 1500mm UO 20W 840 T8 EELB	G13 ROT	75,000 hour(s)
929004242302	MAS LEDtube 1500mm UO 20W 865 T8 EELB	G13 ROT	75,000 hour(s)
929004260202	MAS LEDtube 600mm HO 7.6W830 T8	G13 ROT	75,000 hour(s)
929004260302	MAS LEDtube 600mm HO 7.6W840 T8	G13 ROT	75,000 hour(s)
929004260402	MAS LEDtube 600mm HO 7.6W865 T8	G13 ROT	75,000 hour(s)
929003556008	MAS LEDtube 1200mm HO 14W830 T8	G13	60,000 hour(s)
929003556108	MAS LEDtube 1200mm HO 14W840 T8	G13	60,000 hour(s)
929003556208	MAS LEDtube 1200mm HO 14W865 T8	G13	60,000 hour(s)
929003805708	MAS LEDtube 600mm HO 8W830 T8	G13	60,000 hour(s)
929003805808	MAS LEDtube 600mm HO 8W840 T8	G13	60,000 hour(s)
929003805908	MAS LEDtube 600mm HO 8W865 T8	G13	60,000 hour(s)
929003806008	MAS LEDtube 1200mm HO 13W830 T8	G13	60,000 hour(s)
929003806108	MAS LEDtube 1200mm HO 13W840 T8	G13	60,000 hour(s)
929003806208	MAS LEDtube 1200mm HO 13W865 T8	G13	60,000 hour(s)
929003806308	MAS LEDtube STD 1200mm 10W840 T8	G13	60,000 hour(s)
929003806408	MAS LEDtube STD 1200mm 10W865 T8	G13	60,000 hour(s)
929004245808	MAS LEDtube 1200mm UO+ 18.7W840 T8	G13	60,000 hour(s)
929004245908	MAS LEDtube 1200mm UO+ 18.7W865 T8	G13	60,000 hour(s)
929004246008	MAS LEDtube 1200mm MO 23W840 T8	G13	60,000 hour(s)
929004246108	MAS LEDtube 1200mm MO 23W865 T8	G13	60,000 hour(s)
929004242402	MAS LEDtube 1200mm HO 11.3W 830 T8 EELC	G13 ROT	75,000 hour(s)

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Cap-Base	Nominal lifetime
929004242502	MAS LEDtube 1200mm HO 11.3W 840 T8 EELB	G13 ROT	75,000 hour(s)
929004242602	MAS LEDtube 1200mm HO 11.3W 865 T8 EELB	G13 ROT	75,000 hour(s)
929004242702	MAS LEDtube 1500mm HO 16.7W 830 T8 EELC	G13 ROT	75,000 hour(s)
929004242802	MAS LEDtube 1500mm HO 16.7W 840 T8 EELB	G13 ROT	75,000 hour(s)
929004242902	MAS LEDtube 1500mm HO 16.7W 865 T8 EELB	G13 ROT	75,000 hour(s)

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
		degree(s)			
929001298402	MAS LEDtube 900mm HO 12W 840 T8	160	4000 K	840	1,575 lm
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	160	4000 K	840	2,500 lm
929004241802	MAS LEDtube 1200mm UO 13.5W 830 T8 EELC	160	3000 K	830	2,300 lm
929004241902	MAS LEDtube 1200mm UO 13.5W 840 T8 EELB	160	4000 K	840	2,500 lm
929004242002	MAS LEDtube 1200mm UO 13.5W 865 T8 EELB	160	6500 K	865	2,500 lm
929004242102	MAS LEDtube 1500mm UO 20W 830 T8 EELC	160	3000 K	830	3,400 lm
929004242202	MAS LEDtube 1500mm UO 20W 840 T8 EELB	160	4000 K	840	3,700 lm
929004242302	MAS LEDtube 1500mm UO 20W 865 T8 EELB	160	6500 K	865	3,700 lm
929004260202	MAS LEDtube 600mm HO 7.6W830 T8	160	3000 K	830	1,090 lm
929004260302	MAS LEDtube 600mm HO 7.6W840 T8	160	4000 K	840	1,150 lm
929004260402	MAS LEDtube 600mm HO 7.6W865 T8	160	6500 K	865	1,150 lm
929003556008	MAS LEDtube 1200mm HO 14W830 T8	190	3000 K	830	2,000 lm

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
		degree(s)			
929003556108	MAS LEDtube 1200mm HO 14W840 T8	190	4000 K	840	2,100 lm
929003556208	MAS LEDtube 1200mm HO 14W865 T8	190	6500 K	865	2,100 lm
929003805708	MAS LEDtube 600mm HO 8W830 T8	190	3000 K	830	1,150 lm
929003805808	MAS LEDtube 600mm HO 8W840 T8	190	4000 K	840	1,200 lm
929003805908	MAS LEDtube 600mm HO 8W865 T8	190	6500 K	865	1,200 lm
929003806008	MAS LEDtube 1200mm HO 13W830 T8	190	3000 K	830	2,000 lm
929003806108	MAS LEDtube 1200mm HO 13W840 T8	190	4000 K	840	2,100 lm
929003806208	MAS LEDtube 1200mm HO 13W865 T8	190	6500 K	865	2,100 lm
929003806308	MAS LEDtube STD 1200mm 10W840 T8	190	4000 K	840	1,600 lm
929003806408	MAS LEDtube STD 1200mm 10W865 T8	190	6500 K	865	1,600 lm
929004245808	MAS LEDtube 1200mm UO+ 18.7W840 T8	160	4000 K	840	3,000 lm
929004245908	MAS LEDtube 1200mm UO+ 18.7W865 T8	160	6500 K	865	3,000 lm
929004246008	MAS LEDtube 1200mm MO 23W840 T8	160	4000 K	840	3,700 lm

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)		
			Color Code	Luminous Flux	
929004246108	MAS LEDtube 1200mm MO 23W865 T8	160 degree(s)	6500 K	865	3,700 lm
929004242402	MAS LEDtube 1200mm HO 11.3W 830 T8 EELC	160 degree(s)	3000 K	830	2,000 lm
929004242502	MAS LEDtube 1200mm HO 11.3W 840 T8 EELB	160 degree(s)	4000 K	840	2,100 lm
929004242602	MAS LEDtube 1200mm HO	160 degree(s)	6500 K	865	2,100 lm

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)		
			Color Code	Luminous Flux	
	11.3W 865 T8 EELB				
929004242702	MAS LEDtube 1500mm HO 16.7W 830 T8 EELC	160 degree(s)	3000 K	830	2,900 lm
929004242802	MAS LEDtube 1500mm HO 16.7W 840 T8 EELB	160 degree(s)	4000 K	840	3,100 lm
929004242902	MAS LEDtube 1500mm HO 16.7W 865 T8 EELB	160 degree(s)	6500 K	865	3,100 lm

Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power Consumption	Wattage Equivalent	
929001298402	MAS LEDtube 900mm HO 12W 840 T8	50 to 60 Hz	12 W	-	
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	50 to 60 Hz	14.7 W	-	
929004241802	MAS LEDtube 1200mm UO 13.5W 830 T8 EELC	-	13.5 W	-	
929004241902	MAS LEDtube 1200mm UO 13.5W 840 T8 EELB	-	13.5 W	-	
929004242002	MAS LEDtube 1200mm UO 13.5W 865 T8 EELB	-	13.5 W	-	
929004242102	MAS LEDtube 1500mm UO 20W 830 T8 EELC	-	20 W	-	
929004242202	MAS LEDtube 1500mm UO 20W 840 T8 EELB	-	20 W	-	
929004242302	MAS LEDtube 1500mm UO 20W 865 T8 EELB	-	20 W	-	
929004260202	MAS LEDtube 600mm HO 7.6W830 T8	-	7.6 W	-	
929004260302	MAS LEDtube 600mm HO 7.6W840 T8	-	7.6 W	-	

Order Code	Full Product Name	Line Frequency	Power Consumption	Wattage Equivalent	
929004260402	MAS LEDtube 600mm HO 7.6W865 T8	-	7.6 W	-	
929003556008	MAS LEDtube 1200mm HO 14W830 T8	50 to 60 Hz	14 W	-	
929003556108	MAS LEDtube 1200mm HO 14W840 T8	50 to 60 Hz	14 W	-	
929003556208	MAS LEDtube 1200mm HO 14W865 T8	50 to 60 Hz	14 W	-	
929003805708	MAS LEDtube 600mm HO 8W830 T8	-	8 W	18 W	
929003805808	MAS LEDtube 600mm HO 8W840 T8	-	8 W	18 W	
929003805908	MAS LEDtube 600mm HO 8W865 T8	-	8 W	18 W	
929003806008	MAS LEDtube 1200mm HO 13W830 T8	-	13 W	36 W	
929003806108	MAS LEDtube 1200mm HO 13W840 T8	-	13 W	36 W	
929003806208	MAS LEDtube 1200mm HO 13W865 T8	-	13 W	36 W	

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Line	Power	Wattage
		Frequency	Consumption	Equivalent
929003806308	MAS LEDtube STD 1200mm 10W840 T8	-	10 W	36 W
929003806408	MAS LEDtube STD 1200mm 10W865 T8	-	10 W	36 W
929004245808	MAS LEDtube 1200mm UO+ 18.7W840 T8	-	18.7 W	38 W
929004245908	MAS LEDtube 1200mm UO+ 18.7W865 T8	-	18.7 W	38 W
929004246008	MAS LEDtube 1200mm MO 23W840 T8	-	23 W	48 W
929004246108	MAS LEDtube 1200mm MO 23W865 T8	-	23 W	48 W
929004242402	MAS LEDtube 1200mm HO 11.3W 830 T8 EELC	-	11.3 W	-

Order Code	Full Product Name	Line	Power	Wattage
		Frequency	Consumption	Equivalent
929004242502	MAS LEDtube 1200mm HO 11.3W 840 T8 EELB	-	11.3 W	-
929004242602	MAS LEDtube 1200mm HO 11.3W 865 T8 EELB	-	11.3 W	-
929004242702	MAS LEDtube 1500mm HO 16.7W 830 T8 EELC	-	16.7 W	-
929004242802	MAS LEDtube 1500mm HO 16.7W 840 T8 EELB	-	16.7 W	-
929004242902	MAS LEDtube 1500mm HO 16.7W 865 T8 EELB	-	16.7 W	-

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001298402	MAS LEDtube 900mm HO 12W 840 T8	50 °C
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	55 °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
929004260202	MAS LEDtube 600mm HO 7.6W830 T8	50 °C
929004260302	MAS LEDtube 600mm HO 7.6W840 T8	50 °C
929004260402	MAS LEDtube 600mm HO 7.6W865 T8	50 °C
929003556008	MAS LEDtube 1200mm HO 14W830 T8	50 °C
929003556108	MAS LEDtube 1200mm HO 14W840 T8	50 °C
929003556208	MAS LEDtube 1200mm HO 14W865 T8	50 °C
929003805708	MAS LEDtube 600mm HO 8W830 T8	50 °C
929003805808	MAS LEDtube 600mm HO 8W840 T8	50 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929003805908	MAS LEDtube 600mm HO 8W865 T8	50 °C
929003806008	MAS LEDtube 1200mm HO 13W830 T8	50 °C
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
929004242402	MAS LEDtube 1200mm HO 11.3W 830 T8 EELC	50 °C
929004242502	MAS LEDtube 1200mm HO 11.3W 840 T8 EELB	50 °C
929004242602	MAS LEDtube 1200mm HO 11.3W 865 T8 EELB	50 °C
929004242702	MAS LEDtube 1500mm HO 16.7W 830 T8 EELC	50 °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

Approval and Application

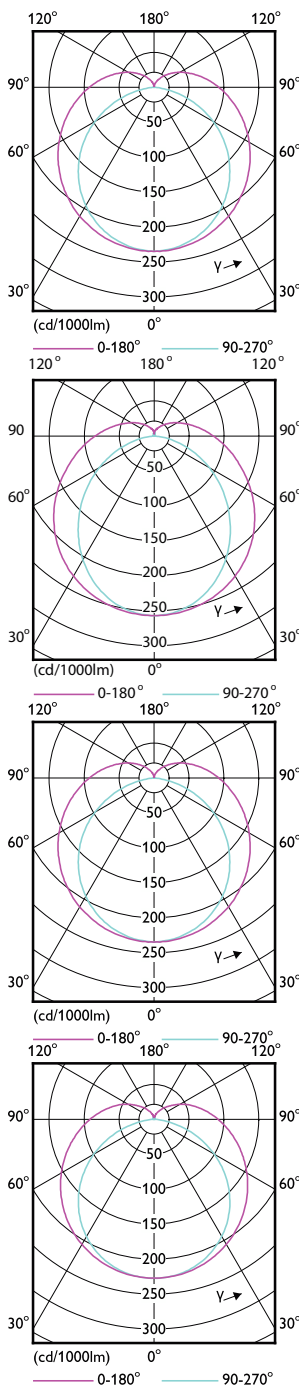
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		range	Consumption kWh/1000 h
929001298402	MAS LEDtube 900mm HO 12W 840 T8	-20 °C to 45 °C	12 kWh
929002998302	MAS LEDtube 1200mm UO 14.7W 840 T8	-20 °C to 45 °C	15 kWh

Order Code	Full Product Name	Ambient temperature	Energy
		range	Consumption kWh/1000 h
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

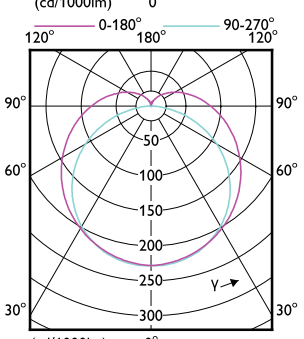
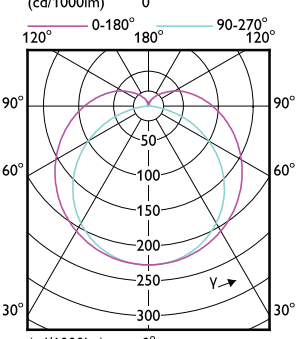
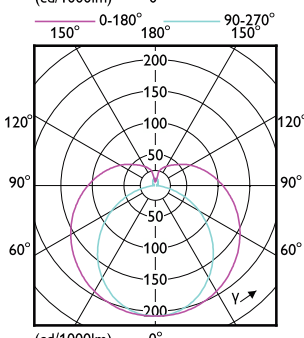
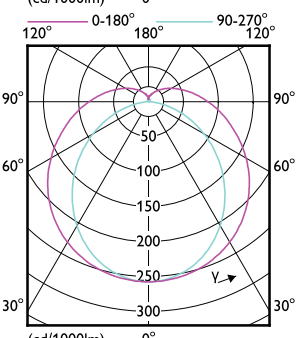
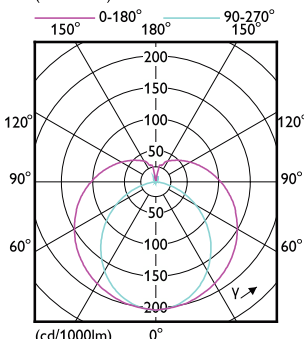
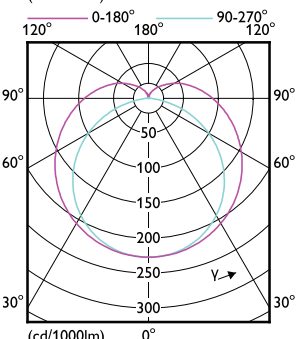
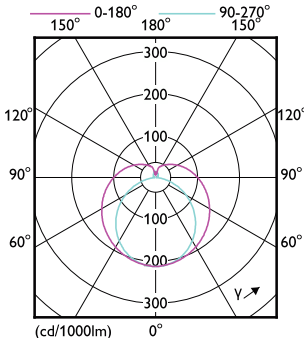
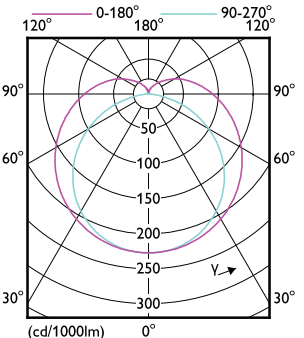
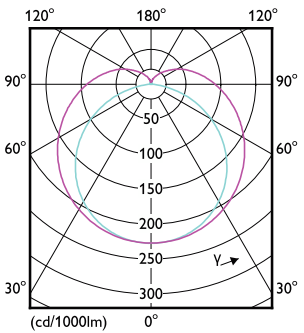
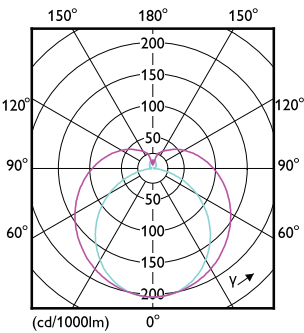
MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
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
929004260202	MAS LEDtube 600mm HO 7.6W830 T8	-20 to +45 °C	8 kWh
929004260302	MAS LEDtube 600mm HO 7.6W840 T8	-20 to +45 °C	8 kWh
929004260402	MAS LEDtube 600mm HO 7.6W865 T8	-20 to +45 °C	8 kWh
929003556008	MAS LEDtube 1200mm HO 14W830 T8	-20 °C to 45 °C	-
929003556108	MAS LEDtube 1200mm HO 14W840 T8	-20 °C to 45 °C	-
929003556208	MAS LEDtube 1200mm HO 14W865 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	-
929004246108	MAS LEDtube 1200mm MO 23W865 T8	-20 to +45 °C	-
929004242402	MAS LEDtube 1200mm HO 11.3W 830 T8 EELC	-20 to +45 °C	12 kWh
929004242502	MAS LEDtube 1200mm HO 11.3W 840 T8 EELB	-20 to +45 °C	12 kWh
929004242602	MAS LEDtube 1200mm HO 11.3W 865 T8 EELB	-20 to +45 °C	12 kWh

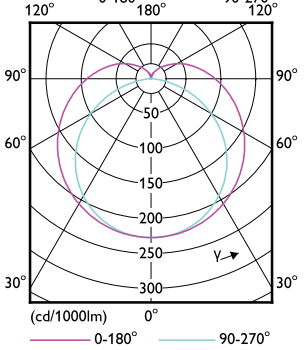
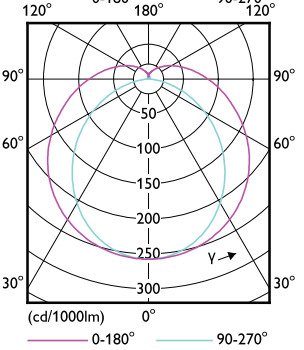
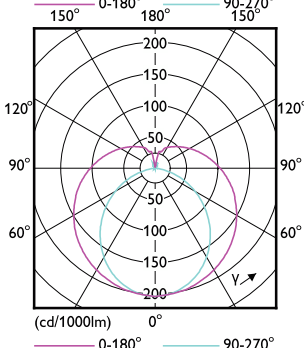
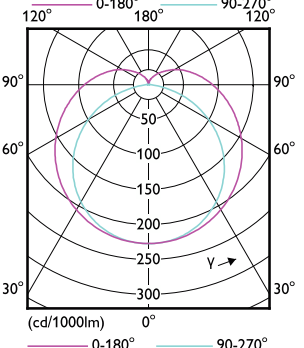
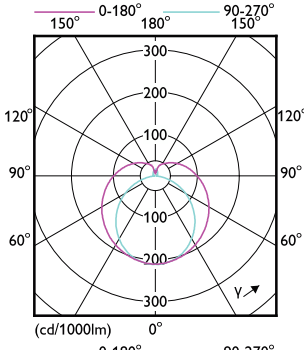
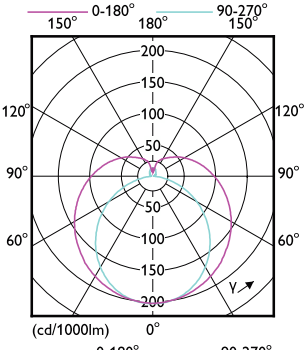
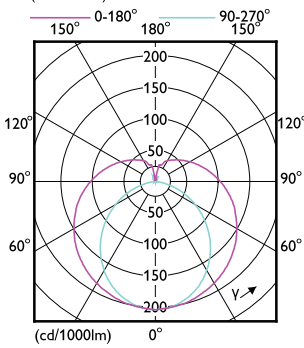
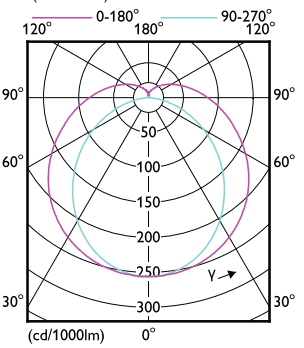
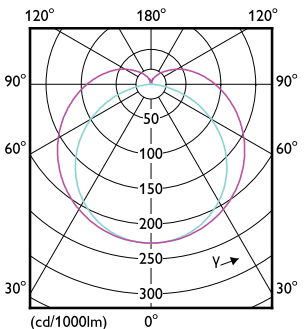
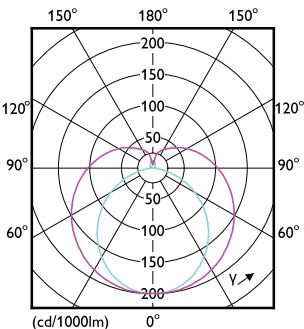
Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
929004242702	MAS LEDtube 1500mm HO 16.7W 830 T8 EELC	-20 to +45 °C	17 kWh
929004242802	MAS LEDtube 1500mm HO 16.7W 840 T8 EELB	-20 to +45 °C	17 kWh
929004242902	MAS LEDtube 1500mm HO 16.7W 865 T8 EELB	-20 to +45 °C	17 kWh



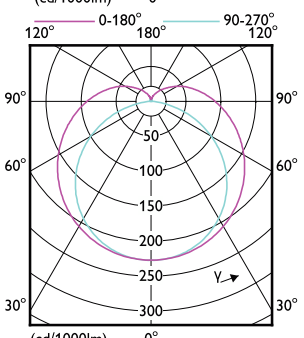
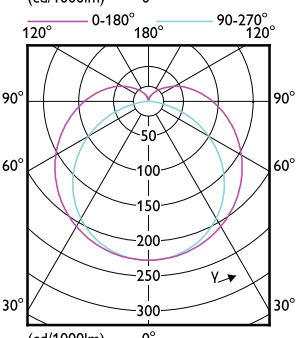
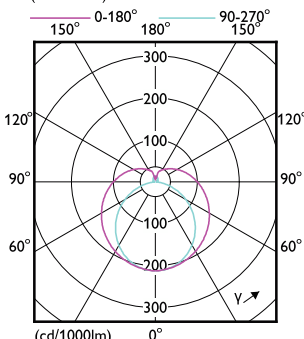
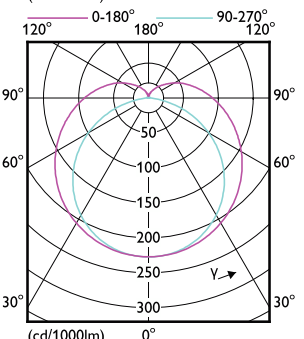
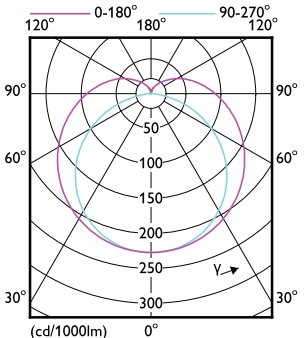
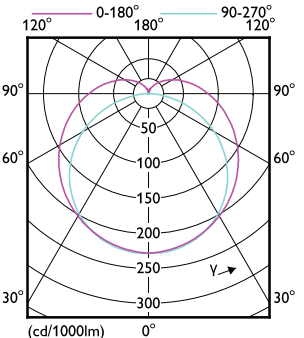
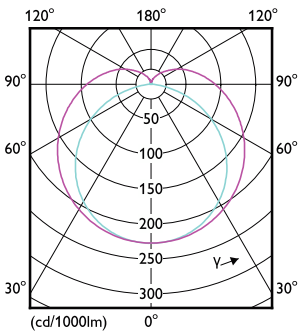
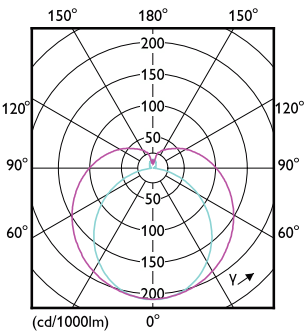
MASTER LEDtube EM/Mains T8



MASTER LEDtube EM/Mains T8



MASTER LEDtube EM/Mains T8



(cd/1000lm) 0° 120° 180° 90-270° 120° 0-180°

(cd/1000lm) 0° 120° 180° 90-270° 120° 0-180°

MASTER LEDtube EM/Mains T8

