



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. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

Benefits

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

Features

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

Application

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

MASTER LEDtube EM/Mains T8

Warnings and Safety

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Versions



LEDtube Starter



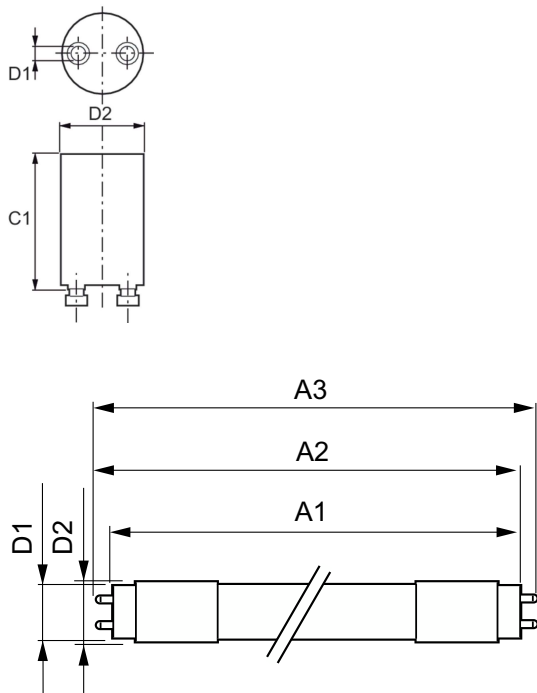
SPPR MLEDGA 0024



SPPR OTHER 0003

MASTER LEDtube EM/Mains T8

Dimensional drawing



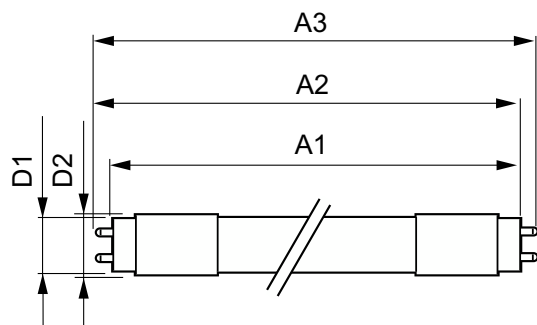
Product	D1	D2	C1
MASTER LEDtube Starter EMP	3 mm	21.5 mm	34.5 mm
MASTER LEDtube Starter EMP GenII OP	3 mm	21.5 mm	34.5 mm

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 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 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 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 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 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



Product	D1	D2	A1	A2	A3
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 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 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 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 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

General Information

Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime
68708600	MASTER LEDtube 900mm HO 12W 840 T8	G13 ROT	200,000	75,000 hour(s)
68710900	MASTER LEDtube 900mm HO 12W 865 T8	G13 ROT	200,000	75,000 hour(s)
69747400	MASTER LEDtube 600mm HO 8W830 T8	G13 ROT	200,000	75,000 hour(s)
69749800	MASTER LEDtube 600mm HO 8W840 T8	G13 ROT	200,000	75,000 hour(s)
69751100	MASTER LEDtube 600mm HO 8W865 T8	G13 ROT	200,000	75,000 hour(s)

Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime
31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	G13 ROT	200,000	75,000 hour(s)
31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	G13 ROT	200,000	75,000 hour(s)
31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	G13 ROT	200,000	75,000 hour(s)
31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	G13 ROT	200,000	75,000 hour(s)
31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	G13 ROT	200,000	75,000 hour(s)

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Switching		Nominal lifetime
		Cap-Base	Cycle	
31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	G13 ROT	200,000	75,000 hour(s)
38793500	MASTER LEDtube 1200mm UO 13.5W 830 T8 EELC	G13 ROT	200,000	75,000 hour(s)
38795900	MASTER LEDtube 1200mm UO 13.5W 840 T8 EELB	G13 ROT	200,000	75,000 hour(s)
38797300	MASTER LEDtube 1200mm UO 13.5W 865 T8 EELB	G13 ROT	200,000	75,000 hour(s)
38799700	MASTER LEDtube 1500mm UO 20W 830 T8 EELC	G13 ROT	200,000	75,000 hour(s)
38801700	MASTER LEDtube 1500mm UO 20W 840 T8 EELB	G13 ROT	200,000	75,000 hour(s)
38803100	MASTER LEDtube 1500mm UO 20W 865 T8 EELB	G13 ROT	200,000	75,000 hour(s)
04415000	MASTER LEDtube 600mm HO 7.6W830 T8	G13 ROT	200,000	75,000 hour(s)
04417400	MASTER LEDtube 600mm HO 7.6W840 T8	G13 ROT	200,000	75,000 hour(s)
04419800	MASTER LEDtube 600mm HO 7.6W865 T8	G13 ROT	200,000	75,000 hour(s)
48537200	MASTER LEDtube Starter EMP GenIII	-	-	-
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	G13 ROT	200,000	75,000 hour(s)
59237000	MASTER LEDtube 1200mm HO 12.5W 840 T8	G13 ROT	200,000	75,000 hour(s)
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	G13 ROT	200,000	75,000 hour(s)

Order Code	Full Product Name	Switching		Nominal lifetime
		Cap-Base	Cycle	
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	G13 ROT	200,000	75,000 hour(s)
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	G13 ROT	200,000	75,000 hour(s)
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	G13 ROT	200,000	75,000 hour(s)
61602100	MASTER LEDtube 1050mm 16W 840 T8	G13 ROT	200,000	75,000 hour(s)
38805500	MASTER LEDtube 1200mm HO 11.3W 830 T8 EELC	G13 ROT	200,000	75,000 hour(s)
38807900	MASTER LEDtube 1200mm HO 11.3W 840 T8 EELB	G13 ROT	200,000	75,000 hour(s)
38809300	MASTER LEDtube 1200mm HO 11.3W 865 T8 EELB	G13 ROT	200,000	75,000 hour(s)
38811600	MASTER LEDtube 1500mm HO 16.7W 830 T8 EELC	G13 ROT	200,000	75,000 hour(s)
38813000	MASTER LEDtube 1500mm HO 16.7W 840 T8 EELB	G13 ROT	200,000	75,000 hour(s)
38815400	MASTER LEDtube 1500mm HO 16.7W 865 T8 EELB	G13 ROT	200,000	75,000 hour(s)
72855000	MASTER LEDtube 1050mm 16W 830 T8	G13 ROT	200,000	75,000 hour(s)
72928000	MASTER LEDtube Starter EMP	-	-	-
81965400	MASTER LEDtube Starter EMP GenII OP	-	-	-

Light Technical

Order Code	Full Product Name	Correlated Color		Color rendering		LLMF At End Of Nominal Lifetime	
		Beam Angle (Nom)	Temperature (Nom)	index (CRI)	Color Code	(Nom)	Luminous Flux
68708600	MASTER LEDtube 900mm HO 12W 840 T8	160 degree(s)	4000 K	80	840	70 %	1,575 lm
68710900	MASTER LEDtube 900mm HO 12W 865 T8	160 degree(s)	6500 K	80	865	70 %	1,575 lm
69747400	MASTER LEDtube 600mm HO 8W830 T8	160 degree(s)	3000 K	83	830	70 %	1,000 lm
69749800	MASTER LEDtube 600mm HO 8W840 T8	160 degree(s)	4000 K	83	840	70 %	1,050 lm
69751100	MASTER LEDtube 600mm HO 8W865 T8	160 degree(s)	6500 K	83	865	70 %	1,050 lm
31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	160 degree(s)	3000 K	80	830	70 %	2,300 lm
31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	160 degree(s)	4000 K	80	840	70 %	2,500 lm
31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	160 degree(s)	6500 K	80	865	70 %	2,500 lm
31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	160 degree(s)	3000 K	80	830	70 %	3,400 lm
31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	160 degree(s)	4000 K	80	840	70 %	3,700 lm
31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	160 degree(s)	6500 K	80	865	70 %	3,700 lm
38793500	MASTER LEDtube 1200mm UO 13.5W 830 T8 EELC	160 degree(s)	3000 K	80	830	70 %	2,300 lm
38795900	MASTER LEDtube 1200mm UO 13.5W 840 T8 EELB	160 degree(s)	4000 K	80	840	70 %	2,500 lm
38797300	MASTER LEDtube 1200mm UO 13.5W 865 T8 EELB	160 degree(s)	6500 K	80	865	70 %	2,500 lm
38799700	MASTER LEDtube 1500mm UO 20W 830 T8 EELC	160 degree(s)	3000 K	80	830	70 %	3,400 lm
38801700	MASTER LEDtube 1500mm UO 20W 840 T8 EELB	160 degree(s)	4000 K	80	840	70 %	3,700 lm
38803100	MASTER LEDtube 1500mm UO 20W 865 T8 EELB	160 degree(s)	6500 K	80	865	70 %	3,700 lm

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color	Color rendering index (CRI)	Color Code	LLMF At End Of	Luminous Flux
			Temperature (Nom)			Nominal Lifetime	
04415000	MASTER LEDtube 600mm HO 7.6W830 T8	160 degree(s)	3000 K	80	830	70 %	1,090 lm
04417400	MASTER LEDtube 600mm HO 7.6W840 T8	160 degree(s)	4000 K	80	840	70 %	1,150 lm
04419800	MASTER LEDtube 600mm HO 7.6W865 T8	160 degree(s)	6500 K	80	865	70 %	1,150 lm
48537200	MASTER LEDtube Starter EMP GenIII	-	-	-	-	70 %	-
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	160 degree(s)	3000 K	80	830	70 %	2,000 lm
59237000	MASTER LEDtube 1200mm HO 12.5W 840 T8	160 degree(s)	4000 K	80	840	70 %	2,100 lm
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	160 degree(s)	6500 K	80	865	70 %	2,100 lm
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	160 degree(s)	3000 K	80	830	70 %	2,900 lm
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	160 degree(s)	4000 K	80	840	70 %	3,100 lm
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	160 degree(s)	6500 K	80	865	70 %	3,100 lm
61602100	MASTER LEDtube 1050mm 16W 840 T8	160 degree(s)	4000 K	80	840	70 %	2,500 lm
38805500	MASTER LEDtube 1200mm HO 11.3W 830 T8 EELC	160 degree(s)	3000 K	80	830	70 %	2,000 lm
38807900	MASTER LEDtube 1200mm HO 11.3W 840 T8 EELB	160 degree(s)	4000 K	80	840	70 %	2,100 lm
38809300	MASTER LEDtube 1200mm HO 11.3W 865 T8 EELB	160 degree(s)	6500 K	80	865	70 %	2,100 lm
38811600	MASTER LEDtube 1500mm HO 16.7W 830 T8 EELC	160 degree(s)	3000 K	80	830	70 %	2,900 lm
38813000	MASTER LEDtube 1500mm HO 16.7W 840 T8 EELB	160 degree(s)	4000 K	80	840	70 %	3,100 lm
38815400	MASTER LEDtube 1500mm HO 16.7W 865 T8 EELB	160 degree(s)	6500 K	80	865	70 %	3,100 lm
72855000	MASTER LEDtube 1050mm 16W 830 T8	160 degree(s)	3000 K	80	830	70 %	2,300 lm
72928000	MASTER LEDtube Starter EMP	-	-	-	-	-	-
81965400	MASTER LEDtube Starter EMP GenII OP	-	-	-	-	-	-

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Line Frequency	Power Consumption	Starting Time	Order Code	Full Product Name	Input Frequency	Line Frequency	Power Consumption	Starting Time
					(Nom)						(Nom)
68708600	MASTER LEDtube 900mm HO 12W 840 T8	50 to 60 Hz	50 to 60 Hz	12 W	0.5 s	31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	50 to 60 Hz	50 to 60 Hz	14.7 W	0.5 s
68710900	MASTER LEDtube 900mm HO 12W 865 T8	50 to 60 Hz	50 to 60 Hz	12 W	0.5 s	31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	50 to 60 Hz	50 to 60 Hz	14.7 W	0.5 s
69747400	MASTER LEDtube 600mm HO 8W830 T8	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	50 to 60 Hz	50 to 60 Hz	21.7 W	0.5 s
69749800	MASTER LEDtube 600mm HO 8W840 T8	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	50 to 60 Hz	50 to 60 Hz	21.7 W	0.5 s
69751100	MASTER LEDtube 600mm HO 8W865 T8	50 to 60 Hz	50 to 60 Hz	8 W	0.5 s	31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	50 to 60 Hz	50 to 60 Hz	21.7 W	0.5 s
31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	50 to 60 Hz	50 to 60 Hz	14.7 W	0.5 s	38793500	MASTER LEDtube 1200mm UO	50 to 60 Hz	-	13.5 W	0.5 s

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Input Frequency	Line Frequency	Power Consumption	Starting Time (Nom)
	13.5W 830 T8 EELC				
38795900	MASTER LEDtube 1200mm UO 13.5W 840 T8 EELB	50 to 60 Hz	-	13.5 W	0.5 s
38797300	MASTER LEDtube 1200mm UO 13.5W 865 T8 EELB	50 to 60 Hz	-	13.5 W	0.5 s
38799700	MASTER LEDtube 1500mm UO 20W 830 T8 EELC	50 to 60 Hz	-	20 W	0.5 s
38801700	MASTER LEDtube 1500mm UO 20W 840 T8 EELB	50 to 60 Hz	-	20 W	0.5 s
38803100	MASTER LEDtube 1500mm UO 20W 865 T8 EELB	50 to 60 Hz	-	20 W	0.5 s
04415000	MASTER LEDtube 600mm HO 7.6W830 T8	50 to 60 Hz	-	7.6 W	0.5 s
04417400	MASTER LEDtube 600mm HO 7.6W840 T8	50 to 60 Hz	-	7.6 W	0.5 s
04419800	MASTER LEDtube 600mm HO 7.6W865 T8	50 to 60 Hz	-	7.6 W	0.5 s
48537200	MASTER LEDtube Starter EMP GenIII	- Hz	- Hz	-	-
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	50 to 60 Hz	50 to 60 Hz	12.5 W	0.5 s
59237000	MASTER LEDtube	50 to 60 Hz	50 to 60 Hz	12.5 W	0.5 s

Order Code	Full Product Name	Input Frequency	Line Frequency	Power Consumption	Starting Time (Nom)
	1200mm HO 12.5W 840 T8				
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	50 to 60 Hz	50 to 60 Hz	12.5 W	0.5 s
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	50 to 60 Hz	50 to 60 Hz	18.2 W	0.5 s
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	50 to 60 Hz	50 to 60 Hz	18.2 W	0.5 s
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	50 to 60 Hz	50 to 60 Hz	18.2 W	0.5 s
61602100	MASTER LEDtube 1050mm 16W 840 T8	50 to 60 Hz	50 to 60 Hz	16 W	0.5 s
38805500	MASTER LEDtube 1200mm HO 11.3W 830 T8 EELC	50 to 60 Hz	-	11.3 W	0.5 s
38807900	MASTER LEDtube 1200mm HO 11.3W 840 T8 EELB	50 to 60 Hz	-	11.3 W	0.5 s
38809300	MASTER LEDtube 1200mm HO 11.3W 865 T8 EELB	50 to 60 Hz	-	11.3 W	0.5 s
38811600	MASTER LEDtube 1500mm HO 16.7W 830 T8 EELC	50 to 60 Hz	-	16.7 W	0.5 s
38813000	MASTER LEDtube 1500mm HO 16.7W 840 T8 EELB	50 to 60 Hz	-	16.7 W	0.5 s
38815400	MASTER LEDtube 1500mm HO	50 to 60 Hz	-	16.7 W	0.5 s

MASTER LEDtube EM/Mains T8

	Full Product	Input	Line	Power	Starting
Order Code	Name	Frequency	Frequency	Consumption	Time (Nom)
	16.7W 865 T8 EELB				
72855000	MASTER LEDtube 1050mm 16W 830 T8	50 to 60 Hz	50 to 60 Hz	16 W	0.5 s
72928000	MASTER LEDtube Starter EMP	50 to 60 Hz	50 to 60 Hz	-	-

	Full Product	Input	Line	Power	Starting
Order Code	Name	Frequency	Frequency	Consumption	Time (Nom)
81965400	MASTER LEDtube Starter EMP GenII OP	-	-	-	-

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
68708600	MASTER LEDtube 900mm HO 12W 840 T8	50 °C
68710900	MASTER LEDtube 900mm HO 12W 865 T8	50 °C
69747400	MASTER LEDtube 600mm HO 8W830 T8	50 °C
69749800	MASTER LEDtube 600mm HO 8W840 T8	50 °C
69751100	MASTER LEDtube 600mm HO 8W865 T8	50 °C
31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	55 °C
31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	55 °C
31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	55 °C
31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	60 °C
31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	60 °C
31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	60 °C
38793500	MASTER LEDtube 1200mm UO 13.5W 830 T8 EELC	50 °C
38795900	MASTER LEDtube 1200mm UO 13.5W 840 T8 EELB	50 °C
38797300	MASTER LEDtube 1200mm UO 13.5W 865 T8 EELB	50 °C
38799700	MASTER LEDtube 1500mm UO 20W 830 T8 EELC	50 °C
38801700	MASTER LEDtube 1500mm UO 20W 840 T8 EELB	50 °C
38803100	MASTER LEDtube 1500mm UO 20W 865 T8 EELB	50 °C
04415000	MASTER LEDtube 600mm HO 7.6W830 T8	50 °C
04417400	MASTER LEDtube 600mm HO 7.6W840 T8	50 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
04419800	MASTER LEDtube 600mm HO 7.6W865 T8	50 °C
48537200	MASTER LEDtube Starter EMP GenIII	-
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	50 °C
59237000	MASTER LEDtube 1200mm HO 12.5W 840 T8	50 °C
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	50 °C
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	55 °C
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	55 °C
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	55 °C
61602100	MASTER LEDtube 1050mm 16W 840 T8	55 °C
38805500	MASTER LEDtube 1200mm HO 11.3W 830 T8 EELC	50 °C
38807900	MASTER LEDtube 1200mm HO 11.3W 840 T8 EELB	50 °C
38809300	MASTER LEDtube 1200mm HO 11.3W 865 T8 EELB	50 °C
38811600	MASTER LEDtube 1500mm HO 16.7W 830 T8 EELC	50 °C
38813000	MASTER LEDtube 1500mm HO 16.7W 840 T8 EELB	50 °C
38815400	MASTER LEDtube 1500mm HO 16.7W 865 T8 EELB	50 °C
72855000	MASTER LEDtube 1050mm 16W 830 T8	55 °C
72928000	MASTER LEDtube Starter EMP	-
81965400	MASTER LEDtube Starter EMP GenII OP	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
68708600	MASTER LEDtube 900mm HO 12W 840 T8	No
68710900	MASTER LEDtube 900mm HO 12W 865 T8	No
69747400	MASTER LEDtube 600mm HO 8W830 T8	No
69749800	MASTER LEDtube 600mm HO 8W840 T8	No
69751100	MASTER LEDtube 600mm HO 8W865 T8	No
31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	No
31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	No
31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	No
31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	No
31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	No
31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	No
38793500	MASTER LEDtube 1200mm UO 13.5W 830 T8 EELC	No

Order Code	Full Product Name	Dimmable
38795900	MASTER LEDtube 1200mm UO 13.5W 840 T8 EELB	No
38797300	MASTER LEDtube 1200mm UO 13.5W 865 T8 EELB	No
38799700	MASTER LEDtube 1500mm UO 20W 830 T8 EELC	No
38801700	MASTER LEDtube 1500mm UO 20W 840 T8 EELB	No
38803100	MASTER LEDtube 1500mm UO 20W 865 T8 EELB	No
04415000	MASTER LEDtube 600mm HO 7.6W830 T8	No
04417400	MASTER LEDtube 600mm HO 7.6W840 T8	No
04419800	MASTER LEDtube 600mm HO 7.6W865 T8	No
48537200	MASTER LEDtube Starter EMP GenIII	No
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	No
59237000	MASTER LEDtube 1200mm HO 12.5W 840 T8	No
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	No

MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Dimmable
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	No
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	No
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	No
61602100	MASTER LEDtube 1050mm 16W 840 T8	No
38805500	MASTER LEDtube 1200mm HO 11.3W 830 T8 EELC	No
38807900	MASTER LEDtube 1200mm HO 11.3W 840 T8 EELB	No
38809300	MASTER LEDtube 1200mm HO 11.3W 865 T8 EELB	No

Order Code	Full Product Name	Dimmable
38811600	MASTER LEDtube 1500mm HO 16.7W 830 T8 EELC	No
38813000	MASTER LEDtube 1500mm HO 16.7W 840 T8 EELB	No
38815400	MASTER LEDtube 1500mm HO 16.7W 865 T8 EELB	No
72855000	MASTER LEDtube 1050mm 16W 830 T8	No
72928000	MASTER LEDtube Starter EMP	-
81965400	MASTER LEDtube Starter EMP GenII OP	-

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape
68708600	MASTER LEDtube 900mm HO 12W 840 T8	Frosted	T8
68710900	MASTER LEDtube 900mm HO 12W 865 T8	Frosted	T8
69747400	MASTER LEDtube 600mm HO 8W830 T8	Frosted	T8
69749800	MASTER LEDtube 600mm HO 8W840 T8	Frosted	T8
69751100	MASTER LEDtube 600mm HO 8W865 T8	Frosted	T8
31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	Frosted	T8
31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	Frosted	T8
31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	Frosted	T8
31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	Frosted	T8
31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	Frosted	T8
31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	Frosted	T8
38793500	MASTER LEDtube 1200mm UO 13.5W 830 T8 EELC	Frosted	T8
38795900	MASTER LEDtube 1200mm UO 13.5W 840 T8 EELB	Frosted	T8
38797300	MASTER LEDtube 1200mm UO 13.5W 865 T8 EELB	Frosted	T8
38799700	MASTER LEDtube 1500mm UO 20W 830 T8 EELC	Frosted	T8
38801700	MASTER LEDtube 1500mm UO 20W 840 T8 EELB	Frosted	T8
38803100	MASTER LEDtube 1500mm UO 20W 865 T8 EELB	Frosted	T8
04415000	MASTER LEDtube 600mm HO 7.6W830 T8	Frosted	T8
04417400	MASTER LEDtube 600mm HO 7.6W840 T8	Frosted	T8

Order Code	Full Product Name	Bulb Finish	Bulb Shape
04419800	MASTER LEDtube 600mm HO 7.6W865 T8	Frosted	T8
48537200	MASTER LEDtube Starter EMP GenIII	-	-
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	Frosted	T8
59237000	MASTER LEDtube 1200mm HO 12.5W 840 T8	Frosted	T8
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	Frosted	T8
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	Frosted	T8
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	Frosted	T8
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	Frosted	T8
61602100	MASTER LEDtube 1050mm 16W 840 T8	Frosted	T8
38805500	MASTER LEDtube 1200mm HO 11.3W 830 T8 EELC	Frosted	T8
38807900	MASTER LEDtube 1200mm HO 11.3W 840 T8 EELB	Frosted	T8
38809300	MASTER LEDtube 1200mm HO 11.3W 865 T8 EELB	Frosted	T8
38811600	MASTER LEDtube 1500mm HO 16.7W 830 T8 EELC	Frosted	T8
38813000	MASTER LEDtube 1500mm HO 16.7W 840 T8 EELB	Frosted	T8
38815400	MASTER LEDtube 1500mm HO 16.7W 865 T8 EELB	Frosted	T8
72855000	MASTER LEDtube 1050mm 16W 830 T8	Frosted	T8
72928000	MASTER LEDtube Starter EMP	-	-
81965400	MASTER LEDtube Starter EMP GenII OP	-	-

Approval and Application

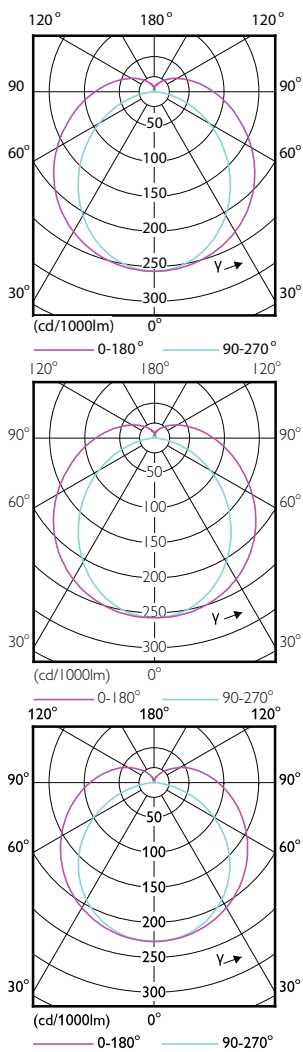
Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
68708600	MASTER LEDtube 900mm HO 12W 840 T8	-20 °C to 45 °C	12 kWh
68710900	MASTER LEDtube 900mm HO 12W 865 T8	-20 °C to 45 °C	12 kWh
69747400	MASTER LEDtube 600mm HO 8W830 T8	-20 °C to 45 °C	8 kWh
69749800	MASTER LEDtube 600mm HO 8W840 T8	-20 °C to 45 °C	8 kWh

Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
69751100	MASTER LEDtube 600mm HO 8W865 T8	-20 °C to 45 °C	8 kWh
31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	-20 °C to 45 °C	15 kWh
31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	-20 °C to 45 °C	15 kWh
31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	-20 °C to 45 °C	15 kWh

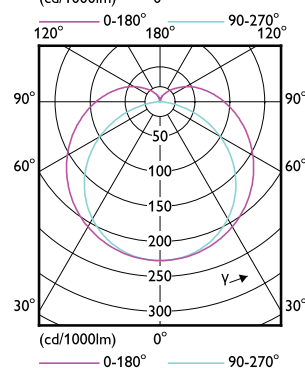
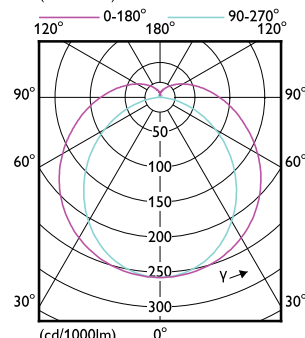
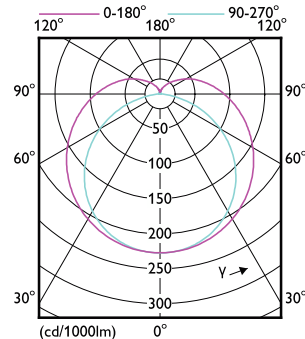
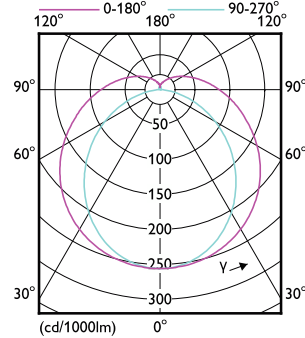
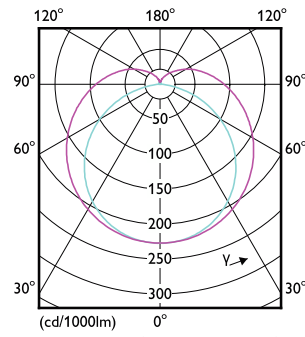
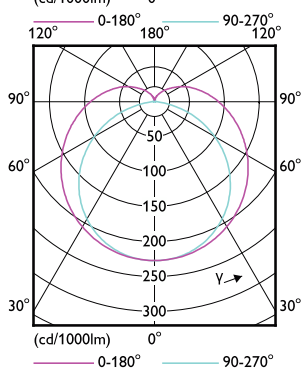
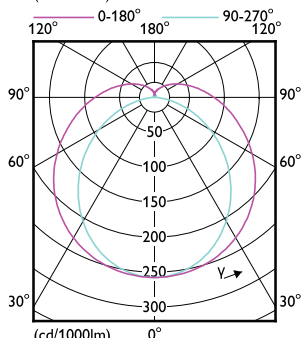
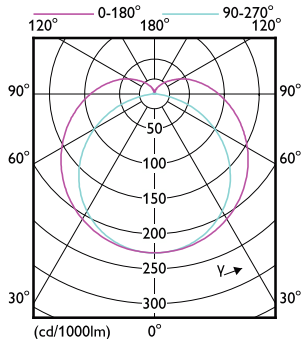
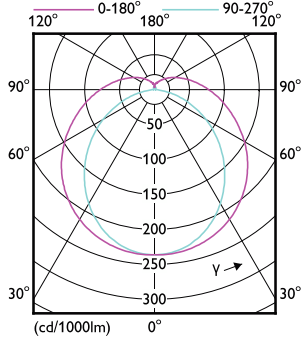
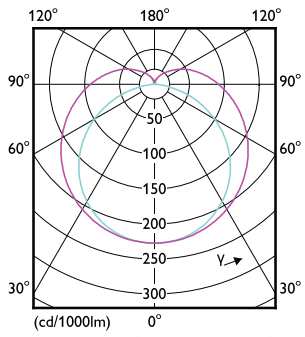
MASTER LEDtube EM/Mains T8

Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	-20 °C to 45 °C	22 kWh
31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	-20 °C to 45 °C	22 kWh
31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	-20 °C to 45 °C	22 kWh
38793500	MASTER LEDtube 1200mm UO 13.5W 830 T8 EELC	-20 to +45 °C	14 kWh
38795900	MASTER LEDtube 1200mm UO 13.5W 840 T8 EELB	-20 to +45 °C	14 kWh
38797300	MASTER LEDtube 1200mm UO 13.5W 865 T8 EELB	-20 to +45 °C	14 kWh
38799700	MASTER LEDtube 1500mm UO 20W 830 T8 EELC	-20 to +45 °C	20 kWh
38801700	MASTER LEDtube 1500mm UO 20W 840 T8 EELB	-20 to +45 °C	20 kWh
38803100	MASTER LEDtube 1500mm UO 20W 865 T8 EELB	-20 to +45 °C	20 kWh
04415000	MASTER LEDtube 600mm HO 7.6W830 T8	-20 to +45 °C	8 kWh
04417400	MASTER LEDtube 600mm HO 7.6W840 T8	-20 to +45 °C	8 kWh
04419800	MASTER LEDtube 600mm HO 7.6W865 T8	-20 to +45 °C	8 kWh
48537200	MASTER LEDtube Starter EMP GenIII	-	-
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	-20 °C to 45 °C	13 kWh
59237000	MASTER LEDtube 1200mm HO 12.5W 840 T8	-20 °C to 45 °C	13 kWh
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	-20 °C to 45 °C	13 kWh
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	-20 °C to 45 °C	19 kWh
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	-20 °C to 45 °C	19 kWh
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	-20 °C to 45 °C	19 kWh
61602100	MASTER LEDtube 1050mm 16W 840 T8	-20 °C to 45 °C	16 kWh
38805500	MASTER LEDtube 1200mm HO 11.3W 830 T8 EELC	-20 to +45 °C	12 kWh
38807900	MASTER LEDtube 1200mm HO 11.3W 840 T8 EELB	-20 to +45 °C	12 kWh
38809300	MASTER LEDtube 1200mm HO 11.3W 865 T8 EELB	-20 to +45 °C	12 kWh
38811600	MASTER LEDtube 1500mm HO 16.7W 830 T8 EELC	-20 to +45 °C	17 kWh
38813000	MASTER LEDtube 1500mm HO 16.7W 840 T8 EELB	-20 to +45 °C	17 kWh

Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
38815400	MASTER LEDtube 1500mm HO 16.7W 865 T8 EELB	-20 to +45 °C	17 kWh
72855000	MASTER LEDtube 1050mm 16W 830 T8	-20 °C to 45 °C	16 kWh
72928000	MASTER LEDtube Starter EMP	-	-
81965400	MASTER LEDtube Starter EMP GenII OP	-	-



MASTER LEDtube EM/Mains T8



MASTER LEDtube EM/Mains T8

