



De nieuwe generatie energiebesparende buisverlichting

MASTER LEDtube (EM/MAINS)

De Philips MASTER LEDtube integreert een LED-lichtbron in de vorm van een traditionele lineaire fluorescentielamp die geschikt is voor armaturen met electromagnetische voorschakelapparatuur. Zijn unieke ontwerp creëert een perfect uniforme visuele verschijning die niet onderscheiden kan worden van een traditionele fluorescentielamp. De MASTER LEDtube is de ideale oplossing voor klanten die hogere verlichtingseisen stellen en de waarde over de levensduur willen maximaliseren (en dus de langste levensduur nodig hebben). De lampen bieden uitgebreide energiebesparingen en verlagen de totale eigendomskosten. De effectieve lichtopbrengst is afhankelijk van het gehele lichtstelsel; o.a. het gebruikte armatuur.

Voordelen

- Lagere bedrijfskosten dankzij lager energieverbruik
- Lagere onderhoudskosten dankzij de 2-3 maal langere levensduur dan normale fluorescentiebuislampen
- De snelste en gemakkelijkste manier om een bestaande armatuur op te waarderen naar LED-technologie; 100% veilig installatieproces

MASTER LEDtube (EM/MAINS)

Kenmerken

- Halvering van energieverbruik vergeleken met fluorescentiebuislampen (effectieve lichtopbrengst kan wel verschillen)
- Extra lange levensduur van 50.000 uur
- Een zeer hoge efficacy tot 148 Lm/W (bij 1500mm UO LEDtubes)
- Renovatievanger voor bestaande T8-lampen in installaties met elektromagnetische VSA's
- Een bundelbreedte van 160°
- Roterende eindkappen die een optimale retrofit installatie garanderen
- Volledige veiligheidseigenschappen en veiligheidsapparaat voor elektromagnetische bescherming
- Geen kwik

Toepassing

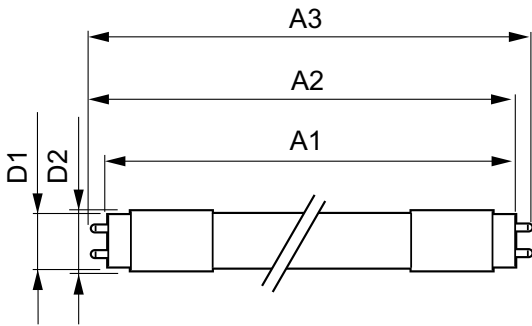
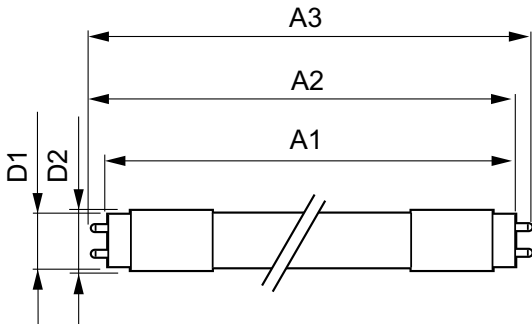
- Parkeerterreinen en -garages
- Magazijnen / koelhuizen / lichtreclame
- Transport- en distributierreinen

Versions



MASTER LEDtube (EM/MAINS)

Maatschets

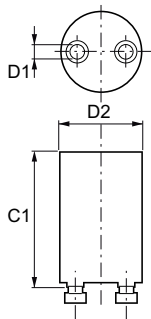


Product	D1	D2	A1	A2	A3
MAS LEDtube 900mm 8.5W833 T8 FOOD	25.7 mm	28 mm	893.3 mm	900.4 mm	907.5 mm
MAS LEDtube 1200mm 12W833 T8 FOOD	25.7 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
MAS LEDtube 1500mm 20W833 T8 FOOD	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
MAS LEDtube 1500mm UE 21.5W 840 T8	25.8 mm	28 mm	1498.8 mm	1505.9 mm	1513 mm
MAS LEDtube 1200mm UE 14.5W 865 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
MAS LEDtube 1500mm UE 21.5W 865 T8	25.8 mm	28 mm	1498.8 mm	1505.9 mm	1513 mm
MAS LEDtube 1200mm UE 14.5W 840 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm HO 8W840 T8	25.78 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 900mm HO 12W840 T8	25.78 mm	28 mm	893.3 mm	900.4 mm	907.5 mm
MAS LEDtube 1500mm HO 20W865 T8	25.78 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
MAS LEDtube 1200mm UO 16W 840 T8	25.78 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
MAS LEDtube 1500mm HO 20W840 T8	25.78 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
MAS LEDtube 900mm HO 12W865 T8	25.78 mm	28 mm	893.3 mm	900.4 mm	907.5 mm
MAS LEDtube 600mm HO 8W830 T8	25.78 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 1200mm HO 14W840 T8	25.78 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
MAS LEDtube 600mm HO 8W865 T8	25.78 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
MAS LEDtube 1200mm UO 16W 865 T8	25.78 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
MAS LEDtube 1500mm UO 24W 840 T8	25.78 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm
MAS LEDtube 1500mm HO 20W830 T8	25.78 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
MAS LEDtube 1500mm UO 24W 865 T8	25.78 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm
MAS LEDtube 1200mm HO 14W865 T8	25.78 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
MAS LEDtube 1200mm HO 14W830 T8	25.78 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
MAS LEDtube 1500mm UO 24W 830 T8	25.78 mm	28 mm	1498.7 mm	1505.8 mm	1512.9 mm

MASTER LEDtube (EM/MAINS)

Maatschets



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm UO 16W 830 T8	25.78 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm
MAS LEDtube 900mm 15W865 T8 RN	25.68 mm	28 mm	893.3 mm	900.4 mm	907.5 mm

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

Bedrijfs- en Elektrische gegevens

Ingangsfrequentie	50 tot 60 Hz
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Bedrijfs- en Elektrische gegevens

Order Code	Full Product Name	Spanning (nom.)	Overeenkomstig vermogen	Power (Rated) (Nom)	Opstarttijd (nom.)
72928000	MASTER LEDtube Starter EMP	-	-	-	-
47123400	MAS LEDtube 900mm 15W865 T8 RN	200-240 V	30 W	15 W	0.5 s
68736900	MAS LEDtube 1200mm UO 16W 830 T8	220-240 V	-	16 W	0.5 s
68738300	MAS LEDtube 1200mm UO 16W 840 T8	220-240 V	-	16 W	0.5 s
68740600	MAS LEDtube 1200mm UO 16W 865 T8	220-240 V	-	16 W	0.5 s
68742000	MAS LEDtube 1500mm UO 24W 830 T8	220-240 V	-	24 W	0.5 s
68744400	MAS LEDtube 1500mm UO 24W 840 T8	220-240 V	-	24 W	0.5 s
68746800	MAS LEDtube 1500mm UO 24W 865 T8	220-240 V	-	24 W	0.5 s

Order Code	Full Product Name	Spanning (nom.)	Overeenkomstig vermogen	Power (Rated) (Nom)	Opstarttijd (nom.)
68712300	MAS LEDtube 1500mm HO 20W830 T8	220-240 V	-	20 W	0.5 s
68714700	MAS LEDtube 1500mm HO 20W840 T8	220-240 V	-	20 W	0.5 s
68716100	MAS LEDtube 1500mm HO 20W865 T8	220-240 V	-	20 W	0.5 s
68718500	MAS LEDtube 1200mm HO 14W830 T8	220-240 V	-	14 W	0.5 s
68720800	MAS LEDtube 1200mm HO 14W840 T8	220-240 V	-	14 W	0.5 s
68722200	MAS LEDtube 1200mm HO 14W865 T8	220-240 V	-	14 W	0.5 s
68708600	MAS LEDtube 900mm HO 12W840 T8	220-240 V	-	12 W	0.5 s
68710900	MAS LEDtube 900mm HO 12W865 T8	220-240 V	-	12 W	0.5 s

MASTER LEDtube (EM/MAINS)

Order Code	Full Product Name	Spanning (nom.)	Overeenkomstig vermogen	Power (Rated) (Nom)	Opstarttijd (nom.)
69747400	MAS LEDtube 600mm HO 8W830 T8	220-240 V	-	8 W	0.5 s
69749800	MAS LEDtube 600mm HO 8W840 T8	220-240 V	-	8 W	0.5 s
69751100	MAS LEDtube 600mm HO 8W865 T8	220-240 V	-	8 W	0.5 s
76393300	MAS LEDtube 1200mm 12W833 T8 FOOD	220-240 V	-	12 W	0.5 s
73150500	MAS LEDtube 1200mm UE 14.5W 840 T8	220-240 V	-	14.5 W	0.5 s

Order Code	Full Product Name	Spanning (nom.)	Overeenkomstig vermogen	Power (Rated) (Nom)	Opstarttijd (nom.)
73152900	MAS LEDtube 1200mm UE 14.5W 865 T8	220-240 V	-	14.5 W	0.5 s
73154300	MAS LEDtube 1500mm UE 21.5W 840 T8	220-240 V	-	21.5 W	0.5 s
73156700	MAS LEDtube 1500mm UE 21.5W 865 T8	220-240 V	-	21.5 W	0.5 s
76391900	MAS LEDtube 900mm 8.5W833 T8 FOOD	220-240 V	-	8.5 W	0.5 s
76395700	MAS LEDtube 1500mm 20W833 T8 FOOD	220-240 V	-	20 W	0.5 s

Goedkeuring en Toepassing

Order Code	Full Product Name	Energieverbruik kWh/1000 uur	Energy Efficiency Label (EEL)
72928000	MASTER LEDtube Starter EMP	-	-
47123400	MAS LEDtube 900mm 15W865 T8 RN	15 kWh	A+
68736900	MAS LEDtube 1200mm UO 16W 830 T8	16 kWh	A++
68738300	MAS LEDtube 1200mm UO 16W 840 T8	16 kWh	A++
68740600	MAS LEDtube 1200mm UO 16W 865 T8	16 kWh	A++
68742000	MAS LEDtube 1500mm UO 24W 830 T8	24 kWh	A++
68744400	MAS LEDtube 1500mm UO 24W 840 T8	24 kWh	A++
68746800	MAS LEDtube 1500mm UO 24W 865 T8	24 kWh	A++
68712300	MAS LEDtube 1500mm HO 20W830 T8	20 kWh	A++
68714700	MAS LEDtube 1500mm HO 20W840 T8	20 kWh	A++
68716100	MAS LEDtube 1500mm HO 20W865 T8	20 kWh	A++
68718500	MAS LEDtube 1200mm HO 14W830 T8	14 kWh	A++
68720800	MAS LEDtube 1200mm HO 14W840 T8	14 kWh	A++
68722200	MAS LEDtube 1200mm HO 14W865 T8	14 kWh	A++

Order Code	Full Product Name	Energieverbruik kWh/1000 uur	Energy Efficiency Label (EEL)
68708600	MAS LEDtube 900mm HO 12W840 T8	12 kWh	A++
68710900	MAS LEDtube 900mm HO 12W865 T8	12 kWh	A++
69747400	MAS LEDtube 600mm HO 8W830 T8	8 kWh	A++
69749800	MAS LEDtube 600mm HO 8W840 T8	8 kWh	A++
69751100	MAS LEDtube 600mm HO 8W865 T8	8 kWh	A++
76393300	MAS LEDtube 1200mm 12W833 T8 FOOD	12 kWh	A+
73150500	MAS LEDtube 1200mm UE 14.5W 840 T8	15 kWh	A++
73152900	MAS LEDtube 1200mm UE 14.5W 865 T8	15 kWh	A++
73154300	MAS LEDtube 1500mm UE 21.5W 840 T8	22 kWh	A++
73156700	MAS LEDtube 1500mm UE 21.5W 865 T8	22 kWh	A++
76391900	MAS LEDtube 900mm 8.5W833 T8 FOOD	9 kWh	A+
76395700	MAS LEDtube 1500mm 20W833 T8 FOOD	20 kWh	A+

Regelsystemen en Dimmers

MASTER LEDtube (EM/MAINS)

Order Code	Full Product Name	Dimbaar
72928000	MASTER LEDtube Starter EMP	-
47123400	MAS LEDtube 900mm 15W865 T8 RN	Nee
68736900	MAS LEDtube 1200mm UO 16W 830 T8	Nee
68738300	MAS LEDtube 1200mm UO 16W 840 T8	Nee
68740600	MAS LEDtube 1200mm UO 16W 865 T8	Nee
68742000	MAS LEDtube 1500mm UO 24W 830 T8	Nee
68744400	MAS LEDtube 1500mm UO 24W 840 T8	Nee
68746800	MAS LEDtube 1500mm UO 24W 865 T8	Nee
68712300	MAS LEDtube 1500mm HO 20W830 T8	Nee
68714700	MAS LEDtube 1500mm HO 20W840 T8	Nee
68716100	MAS LEDtube 1500mm HO 20W865 T8	Nee
68718500	MAS LEDtube 1200mm HO 14W830 T8	Nee
68720800	MAS LEDtube 1200mm HO 14W840 T8	Nee

Order Code	Full Product Name	Dimbaar
68722200	MAS LEDtube 1200mm HO 14W865 T8	Nee
68708600	MAS LEDtube 900mm HO 12W840 T8	Nee
68710900	MAS LEDtube 900mm HO 12W865 T8	Nee
69747400	MAS LEDtube 600mm HO 8W830 T8	Nee
69749800	MAS LEDtube 600mm HO 8W840 T8	Nee
69751100	MAS LEDtube 600mm HO 8W865 T8	Nee
76393300	MAS LEDtube 1200mm 12W833 T8 FOOD	Nee
73150500	MAS LEDtube 1200mm UE 14.5W 840 T8	Nee
73152900	MAS LEDtube 1200mm UE 14.5W 865 T8	Nee
73154300	MAS LEDtube 1500mm UE 21.5W 840 T8	Nee
73156700	MAS LEDtube 1500mm UE 21.5W 865 T8	Nee
76391900	MAS LEDtube 900mm 8.5W833 T8 FOOD	Nee
76395700	MAS LEDtube 1500mm 20W833 T8 FOOD	Nee

Algemene informatie

Order Code	Full Product Name	Lampvoet	Nominal	Gespecificeerde		Schakelcyclus
			Lifetime (Nom)	levensduur (uur)		
72928000	MASTER LEDtube Starter EMP	-	-	-	-	-
47123400	MAS LEDtube 900mm 15W865 T8 RN	G13	50000 h	50000 h		200.000X
68736900	MAS LEDtube 1200mm UO 16W 830 T8	G13	50000 h	50000 h		200.000X
68738300	MAS LEDtube 1200mm UO 16W 840 T8	G13	50000 h	50000 h		200.000X
68740600	MAS LEDtube 1200mm UO 16W 865 T8	G13	50000 h	50000 h		200.000X
68742000	MAS LEDtube 1500mm UO 24W 830 T8	G13	50000 h	50000 h		200.000X
68744400	MAS LEDtube 1500mm UO 24W 840 T8	G13	50000 h	50000 h		200.000X
68746800	MAS LEDtube 1500mm UO 24W 865 T8	G13	50000 h	50000 h		200.000X
68712300	MAS LEDtube 1500mm HO 20W830 T8	G13	50000 h	50000 h		200.000X
68714700	MAS LEDtube 1500mm HO 20W840 T8	G13	50000 h	50000 h		200.000X
68716100	MAS LEDtube 1500mm HO 20W865 T8	G13	50000 h	50000 h		200.000X

Order Code	Full Product Name	Lampvoet	Nominal	Gespecificeerde		Schakelcyclus
			Lifetime (Nom)	levensduur (uur)		
68718500	MAS LEDtube 1200mm HO 14W830 T8	G13	50000 h	50000 h		200.000X
68720800	MAS LEDtube 1200mm HO 14W840 T8	G13	50000 h	50000 h		200.000X
68722200	MAS LEDtube 1200mm HO 14W865 T8	G13	50000 h	50000 h		200.000X
68708600	MAS LEDtube 900mm HO 12W840 T8	G13	50000 h	50000 h		200.000X
68710900	MAS LEDtube 900mm HO 12W865 T8	G13	50000 h	50000 h		200.000X
69747400	MAS LEDtube 600mm HO 8W830 T8	G13	50000 h	50000 h		200.000X
69749800	MAS LEDtube 600mm HO 8W840 T8	G13	50000 h	50000 h		200.000X
69751100	MAS LEDtube 600mm HO 8W865 T8	G13	50000 h	50000 h		200.000X
76393300	MAS LEDtube 1200mm 12W833 T8 FOOD	G13	50000 h	50000 h		50.000X
73150500	MAS LEDtube 1200mm UE 14.5W 840 T8	G13	60000 h	60000 h		200.000X
73152900	MAS LEDtube 1200mm UE 14.5W 865 T8	G13	60000 h	60000 h		200.000X

MASTER LEDtube (EM/MAINS)

Order Code	Full Product Name	Lampvoet	Nominal	Gespecificeerde	Schakelcyclus
			Lifetime (Nom)	levensduur (uur)	
73154300	MAS LEDtube 1500mm UE 21.5W 840 T8	G13	60000 h	60000 h	200.000X
73156700	MAS LEDtube 1500mm UE 21.5W 865 T8	G13	60000 h	60000 h	200.000X

Order Code	Full Product Name	Lampvoet	Nominal	Gespecificeerde	Schakelcyclus
			Lifetime (Nom)	levensduur (uur)	
76391900	MAS LEDtube 900mm 8.5W833 T8 FOOD	G13	50000 h	50000 h	50.000X
76395700	MAS LEDtube 1500mm 20W833 T8 FOOD	G13	50000 h	50000 h	50.000X

Eisen aan armatuurontwerp (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Kleurcode	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Lmf bij einde		Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
						nominale levensduur (nom.)			
72928000	MASTER LEDtube Starter EMP	-	-	-	-	-	-	-	-
47123400	MAS LEDtube 900mm 15W865 T8 RN	160 °	865	6500 K	80	70 %	1575 lm	1575 lm	
68736900	MAS LEDtube 1200mm UO 16W 830 T8	-	830	3000 K	83	70 %	2300 lm	2300 lm	
68738300	MAS LEDtube 1200mm UO 16W 840 T8	-	840	4000 K	83	70 %	2500 lm	2500 lm	
68740600	MAS LEDtube 1200mm UO 16W 865 T8	-	865	6500 K	83	70 %	2500 lm	2500 lm	
68742000	MAS LEDtube 1500mm UO 24W 830 T8	-	830	3000 K	83	70 %	3400 lm	3400 lm	
68744400	MAS LEDtube 1500mm UO 24W 840 T8	-	840	4000 K	83	70 %	3700 lm	3700 lm	
68746800	MAS LEDtube 1500mm UO 24W 865 T8	-	865	6500 K	83	70 %	3700 lm	3700 lm	
68712300	MAS LEDtube 1500mm HO 20W830 T8	-	830	3000 K	83	70 %	2900 lm	2900 lm	
68714700	MAS LEDtube 1500mm HO 20W840 T8	-	840	4000 K	83	70 %	3100 lm	3100 lm	
68716100	MAS LEDtube 1500mm HO 20W865 T8	-	865	6500 K	83	70 %	3100 lm	3100 lm	
68718500	MAS LEDtube 1200mm HO 14W830 T8	-	830	3000 K	83	70 %	2000 lm	2000 lm	
68720800	MAS LEDtube 1200mm HO 14W840 T8	-	840	4000 K	83	70 %	2100 lm	2100 lm	
68722200	MAS LEDtube 1200mm HO 14W865 T8	-	865	6500 K	83	70 %	2100 lm	2100 lm	
68708600	MAS LEDtube 900mm HO 12W840 T8	-	840	4000 K	83	70 %	1575 lm	1575 lm	
68710900	MAS LEDtube 900mm HO 12W865 T8	-	865	6500 K	83	70 %	1575 lm	1575 lm	
69747400	MAS LEDtube 600mm HO 8W830 T8	-	830	3000 K	83	70 %	1000 lm	1000 lm	
69749800	MAS LEDtube 600mm HO 8W840 T8	-	840	4000 K	83	70 %	1050 lm	1050 lm	
69751100	MAS LEDtube 600mm HO 8W865 T8	-	865	6500 K	83	70 %	1050 lm	1050 lm	
76393300	MAS LEDtube 1200mm 12W833 T8 FOOD	-	833	3300 K	83	70 %	1000 lm	1000 lm	
73150500	MAS LEDtube 1200mm UE 14.5W 840 T8	-	840	4000 K	83	70 %	2500 lm	2500 lm	
73152900	MAS LEDtube 1200mm UE 14.5W 865 T8	-	865	6500 K	83	70 %	2500 lm	2500 lm	
73154300	MAS LEDtube 1500mm UE 21.5W 840 T8	-	840	4000 K	83	70 %	3700 lm	3700 lm	
73156700	MAS LEDtube 1500mm UE 21.5W 865 T8	-	865	6500 K	83	70 %	3700 lm	3700 lm	
76391900	MAS LEDtube 900mm 8.5W833 T8 FOOD	-	833	3300 K	83	70 %	750 lm	750 lm	
76395700	MAS LEDtube 1500mm 20W833 T8 FOOD	-	833	3300 K	83	70 %	1680 lm	1680 lm	

Eisen aan armatuurontwerp (2/2)

Order Code	Full Product Name	Gespecificeerde bundelbreedte
72928000	MASTER LEDtube Starter EMP	-
47123400	MAS LEDtube 900mm 15W865 T8 RN	160 °
68736900	MAS LEDtube 1200mm UO 16W 830 T8	-
68738300	MAS LEDtube 1200mm UO 16W 840 T8	-
68740600	MAS LEDtube 1200mm UO 16W 865 T8	-
68742000	MAS LEDtube 1500mm UO 24W 830 T8	-
68744400	MAS LEDtube 1500mm UO 24W 840 T8	-

Order Code	Full Product Name	Gespecificeerde bundelbreedte
68746800	MAS LEDtube 1500mm UO 24W 865 T8	-
68712300	MAS LEDtube 1500mm HO 20W830 T8	-
68714700	MAS LEDtube 1500mm HO 20W840 T8	-
68716100	MAS LEDtube 1500mm HO 20W865 T8	-
68718500	MAS LEDtube 1200mm HO 14W830 T8	-
68720800	MAS LEDtube 1200mm HO 14W840 T8	-
68722200	MAS LEDtube 1200mm HO 14W865 T8	-

MASTER LEDtube (EM/MAINS)

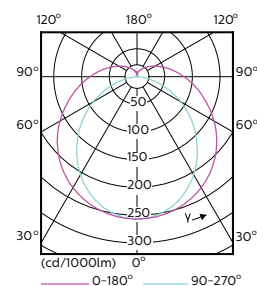
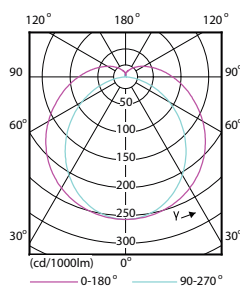
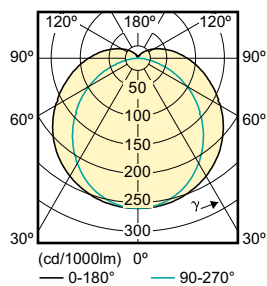
Order Code	Full Product Name	Gespecificeerde bundelbreedte
68708600	MAS LEDtube 900mm HO 12W840 T8	-
68710900	MAS LEDtube 900mm HO 12W865 T8	-
69747400	MAS LEDtube 600mm HO 8W830 T8	-
69749800	MAS LEDtube 600mm HO 8W840 T8	-
69751100	MAS LEDtube 600mm HO 8W865 T8	-
76393300	MAS LEDtube 1200mm 12W833 T8 FOOD	-

Order Code	Full Product Name	Gespecificeerde bundelbreedte
73150500	MAS LEDtube 1200mm UE 14.5W 840 T8	-
73152900	MAS LEDtube 1200mm UE 14.5W 865 T8	-
73154300	MAS LEDtube 1500mm UE 21.5W 840 T8	-
73156700	MAS LEDtube 1500mm UE 21.5W 865 T8	-
76391900	MAS LEDtube 900mm 8.5W833 T8 FOOD	-
76395700	MAS LEDtube 1500mm 20W833 T8 FOOD	-

Temperatuur

Order Code	Full Product Name	T-omgeving (max.)	T-omgeving (min.)	T-Case Maximum (Nom)	T-opslag (max.)	T-opslag (min.)
72928000	MASTER LEDtube Starter EMP	-	-	-	-	-
47123400	MAS LEDtube 900mm 15W865 T8 RN	35 °C	-20 °C	50 °C	65 °C	-40 °C
68736900	MAS LEDtube 1200mm UO 16W 830 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
68738300	MAS LEDtube 1200mm UO 16W 840 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
68740600	MAS LEDtube 1200mm UO 16W 865 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
68742000	MAS LEDtube 1500mm UO 24W 830 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
68744400	MAS LEDtube 1500mm UO 24W 840 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
68746800	MAS LEDtube 1500mm UO 24W 865 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
68712300	MAS LEDtube 1500mm HO 20W830 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
68714700	MAS LEDtube 1500mm HO 20W840 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
68716100	MAS LEDtube 1500mm HO 20W865 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
68718500	MAS LEDtube 1200mm HO 14W830 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
68720800	MAS LEDtube 1200mm HO 14W840 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
68722200	MAS LEDtube 1200mm HO 14W865 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
68708600	MAS LEDtube 900mm HO 12W840 T8	45 °C	-20 °C	50 °C	65 °C	-40 °C
68710900	MAS LEDtube 900mm HO 12W865 T8	45 °C	-20 °C	50 °C	65 °C	-40 °C
69747400	MAS LEDtube 600mm HO 8W830 T8	45 °C	-20 °C	50 °C	65 °C	-40 °C
69749800	MAS LEDtube 600mm HO 8W840 T8	45 °C	-20 °C	50 °C	65 °C	-40 °C
69751100	MAS LEDtube 600mm HO 8W865 T8	45 °C	-20 °C	50 °C	65 °C	-40 °C
76393300	MAS LEDtube 1200mm 12W833 T8 FOOD	45 °C	-20 °C	45 °C	65 °C	-40 °C
73150500	MAS LEDtube 1200mm UE 14.5W 840 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
73152900	MAS LEDtube 1200mm UE 14.5W 865 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
73154300	MAS LEDtube 1500mm UE 21.5W 840 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
73156700	MAS LEDtube 1500mm UE 21.5W 865 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
76391900	MAS LEDtube 900mm 8.5W833 T8 FOOD	45 °C	-20 °C	45 °C	65 °C	-40 °C
76395700	MAS LEDtube 1500mm 20W833 T8 FOOD	45 °C	-20 °C	50 °C	65 °C	-40 °C

Light Distribution Diagrams



LEDtube 1200mm 15W G13 840 2500lm

MASTER LEDtube (EM/MAINS)

Light Distribution Diagrams

