



MASTER LEDtube EM/Mains – lediputkien uusi sukupolvi

MASTER LEDtube EM/Mains

Philips MASTER LEDtube -lamput sisältävät ledivalonlähteen ja perinteisen loistelampun muoto yhdistyivät. Niiden ainutlaatuinen rakenne luo yhtenäisen ulkoasun, jota on vaikea erottaa perinteisestä loistelampusta. MASTER LEDtube -lediputket ovat erinomainen valinta, kun halutaan tehokas valonlähde edulliseen hintaan, tai vanhat lamput halutaan korvata tehokkaammilla ja kestävämmillä lamput.

Hyödyt

- Pienemmät käyttökustannukset alhaisemman energiankulutuksen ansiosta
- Pienemmät ylläpitokustannukset tavallisiin loistelamppuihin verrattuna huomattavasti pidemmän käyttöiän ansiosta
- Helppo ja nopea tapa päivittää olemassa oleva valaisinasennus leditekniikkaan
- Turvallinen ja helppo asennus

Ominaisuudet

- Säästää 60 % energiaa loistelamppuihin verrattuna
- Pitkä käyttöikä: 50 000 tuntia
- Voidaan asentaa perinteisillä kuristimilla toimivien T8-loistelamppujen tilalle
- Turvallinen käytössä, EMP-turvasytytin
- Ei sisällä elohopeaa

Käyttökohteet

- Pysäköintihallit ja katetut pysäköintialueet
- Varastot, kylmätilat ja kylttivalaistus
- Kuljetus- ja jakelualueet

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Rajoitukset ja turvallisuus

- HUOMAUTUKSIA: Jokaisen näitä lamppeja käyttävän asennuksen yleinen energiatehokkuus ja valonjako riippuvat asennuksen kokoonpanosta.

Versions

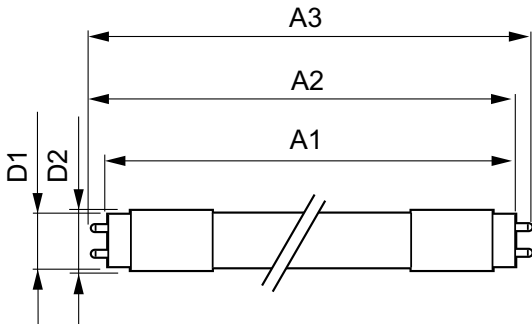


Střední dvoukolíková zářivková



MASTER LEDtube EM/Mains

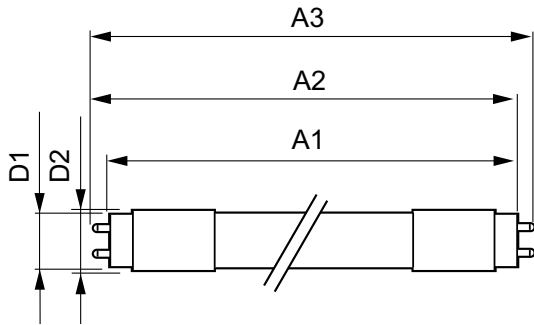
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Product	D1	D2	A1	A2	A3
MASTER LEDtube 600mm HO 8W865 T8	25,78 mm	28 mm	588,5 mm	595,5 mm	602,5 mm
MASTER LEDtube 600mm HO 8W830 T8	25,78 mm	28 mm	588,5 mm	595,5 mm	602,5 mm
MASTER LEDtube 900mm HO 12W 865 T8	25,78 mm	28 mm	893,3 mm	900,4 mm	907,5 mm
MASTER LEDtube 900mm HO 12W 840 T8	25,78 mm	28 mm	893,3 mm	900,4 mm	907,5 mm
MASTER LEDtube 600mm HO 8W840 T8	25,78 mm	28 mm	588,5 mm	595,5 mm	602,5 mm
MASTER LEDtube 1050mm 16W 830 T8	25,8 mm	28 mm	1045,8 mm	1052,9 mm	1060 mm
MASTER LEDtube 1500mm UO 23W 865 T8	25,8 mm	28 mm	1498,7 mm	1505,8 mm	1512,9 mm
MASTER LEDtube 1200mm UO 15.5W 830 T8	25,8 mm	28 mm	1198,2 mm	1205,3 mm	1212,4 mm
MASTER LEDtube 1500mm UO 23W 830 T8	25,8 mm	28 mm	1498,7 mm	1505,8 mm	1512,9 mm
MASTER LEDtube 1500mm UO 23W 840 T8	25,8 mm	28 mm	1498,7 mm	1505,8 mm	1512,9 mm
MASTER LEDtube 1200mm UO 14.7W 830 T8	25,8 mm	28 mm	1198,2 mm	1205,3 mm	1212,4 mm
MASTER LEDtube 1200mm UO 14.7W 840 T8	25,8 mm	28 mm	1198,2 mm	1205,3 mm	1212,4 mm
MASTER LEDtube 1500mm UO 21.7W 830 T8	25,8 mm	28 mm	1498,8 mm	1505,9 mm	1513 mm
MASTER LEDtube 1500mm UO 21.7W 865 T8	25,8 mm	28 mm	1498,8 mm	1505,9 mm	1513 mm
MASTER LEDtube 1200mm UO 14.7W 865 T8	25,8 mm	28 mm	1198,2 mm	1205,3 mm	1212,4 mm
MASTER LEDtube 1500mm UO 21.7W 840 T8	25,8 mm	28 mm	1498,8 mm	1505,9 mm	1513 mm

MASTER LEDtube EM/Mains

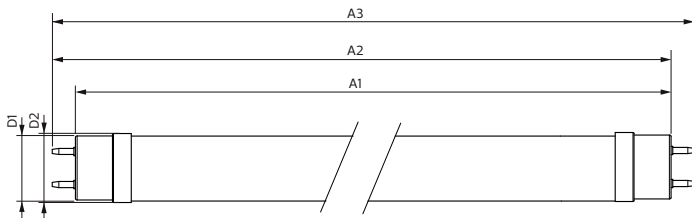
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Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm UE 14.5W 840 T8	25,8 mm	28 mm	1198,2 mm	1205,3 mm	1212,4 mm
MASTER LEDtube 1500mm UE 21.5W 865 T8	25,8 mm	28 mm	1498,8 mm	1505,9 mm	1513 mm
MASTER LEDtube 1200mm UE 14.5W 865 T8	25,8 mm	28 mm	1198,2 mm	1205,3 mm	1212,4 mm
MASTER LEDtube 1500mm UE 21.5W 840 T8	25,8 mm	28 mm	1498,8 mm	1505,9 mm	1513 mm
MASTER LEDtube 1200mm HO 12.5W 865 T8	25,8 mm	28 mm	1198,2 mm	1205,3 mm	1212,4 mm
MASTER LEDtube 1200mm HO 12.5W 840 T8	25,8 mm	28 mm	1198,2 mm	1205,3 mm	1212,4 mm
MASTER LEDtube 1200mm HO 12.5W 830 T8	25,8 mm	28 mm	1198,2 mm	1205,3 mm	1212,4 mm
MASTER LEDtube 1500mm HO 18.2W 865 T8	25,8 mm	28 mm	1498,8 mm	1505,9 mm	1513 mm
MASTER LEDtube 1500mm HO 18.2W 840 T8	25,8 mm	28 mm	1498,8 mm	1505,9 mm	1513 mm
MASTER LEDtube 1500mm HO 18.2W 830 T8	25,8 mm	28 mm	1498,8 mm	1505,9 mm	1513 mm
MASTER LEDtube 1050mm 16W 840 T8	25,8 mm	28 mm	1045,8 mm	1052,9 mm	1060 mm



Product	D1	D2	C1
MASTER LEDtube Starter EMP GenII OP	3 mm	21,5 mm	34,5 mm



Product	D1	D2	A1	A2	A3
MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	25,8 mm	28 mm	1198,2 mm	1205,3 mm	1212,4 mm
MASTER LEDtube VLE 1500mm UO 23W 830 T8	25,8 mm	28 mm	1498,8 mm	1505,9 mm	1513 mm
MASTER LEDtube VLE 1500mm UO 23W 865 T8	25,8 mm	28 mm	1498,8 mm	1505,9 mm	1513 mm
MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	25,8 mm	28 mm	1198,2 mm	1205,3 mm	1212,4 mm
MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	25,8 mm	28 mm	1198,2 mm	1205,3 mm	1212,4 mm
MASTER LEDtube VLE 1500mm UO 23W 840 T8	25,8 mm	28 mm	1498,8 mm	1505,9 mm	1513 mm

Hyväksyntä ja käyttökohteet

Order Code	Full Product Name	Energiankulutus kWh/1000 h	Energiatohokkuusmerkintä (EEL)
68708600	MASTER LEDtube 900mm HO 12W 840 T8	12 kWh	A++
68710900	MASTER LEDtube 900mm HO 12W 865 T8	12 kWh	A++
69747400	MASTER LEDtube 600mm HO 8W830 T8	8 kWh	A++
69749800	MASTER LEDtube 600mm HO 8W840 T8	8 kWh	A++
69751100	MASTER LEDtube 600mm HO 8W865 T8	8 kWh	A++
72855000	MASTER LEDtube 1050mm 16W 830 T8	16 kWh	A++
73150500	MASTER LEDtube 1200mm UE 14.5W 840 T8	15 kWh	A++
73152900	MASTER LEDtube 1200mm UE 14.5W 865 T8	15 kWh	A++
73154300	MASTER LEDtube 1500mm UE 21.5W 840 T8	22 kWh	A++
73156700	MASTER LEDtube 1500mm UE 21.5W 865 T8	22 kWh	A++
81965400	MASTER LEDtube Starter EMP GenII OP	-	-
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	13 kWh	A++
59237000	MASTER LEDtube 1200mm HO 12.5W 840 T8	13 kWh	A++
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	13 kWh	A++
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	19 kWh	A++
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	19 kWh	A++

Order Code	Full Product Name	Energiankulutus kWh/1000 h	Energiatohokkuusmerkintä (EEL)
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	19 kWh	A++
61602100	MASTER LEDtube 1050mm 16W 840 T8	16 kWh	A++
64721600	MASTER LEDtube 1200mm UO 15.5W 830 T8	16 kWh	A++
64727800	MASTER LEDtube 1500mm UO 23W 830 T8	23 kWh	A++
64729200	MASTER LEDtube 1500mm UO 23W 840 T8	23 kWh	A++
64731500	MASTER LEDtube 1500mm UO 23W 865 T8	23 kWh	A++
31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	15 kWh	A++
31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	15 kWh	A++
31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	15 kWh	A++
31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	22 kWh	A++
31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	22 kWh	A++
31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	22 kWh	A++
31680500	MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	16 kWh	A++
31682900	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	16 kWh	A++
31684300	MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	16 kWh	A++
31686700	MASTER LEDtube VLE 1500mm UO 23W 830 T8	23 kWh	A++

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Order Code	Full Product Name	Energiankulutus kWh/1000 h	Energiatohokkuusmerkintä (EEL)
31688100	MASTER LEDtube VLE 1500mm UO 23W 840 T8	23 kWh	A++

Order Code	Full Product Name	Energiankulutus kWh/1000 h	Energiatohokkuusmerkintä (EEL)
31690400	MASTER LEDtube VLE 1500mm UO 23W 865 T8	23 kWh	A++

Ohjaujärjestelmät ja himmennys

Order Code	Full Product Name	Himmennettävä
68708600	MASTER LEDtube 900mm HO 12W 840 T8	Ei
68710900	MASTER LEDtube 900mm HO 12W 865 T8	Ei
69747400	MASTER LEDtube 600mm HO 8W830 T8	Ei
69749800	MASTER LEDtube 600mm HO 8W840 T8	Ei
69751100	MASTER LEDtube 600mm HO 8W865 T8	Ei
72855000	MASTER LEDtube 1050mm 16W 830 T8	Ei
73150500	MASTER LEDtube 1200mm UE 14.5W 840 T8	Ei
73152900	MASTER LEDtube 1200mm UE 14.5W 865 T8	Ei
73154300	MASTER LEDtube 1500mm UE 21.5W 840 T8	Ei
73156700	MASTER LEDtube 1500mm UE 21.5W 865 T8	Ei
81965400	MASTER LEDtube Starter EMP GenII OP	-
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	Ei
59237000	MASTER LEDtube 1200mm HO 12.5W 840 T8	Ei
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	Ei
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	Ei
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	Ei
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	Ei

Order Code	Full Product Name	Himmennettävä
61602100	MASTER LEDtube 1050mm 16W 840 T8	Ei
64721600	MASTER LEDtube 1200mm UO 15.5W 830 T8	Ei
64727800	MASTER LEDtube 1500mm UO 23W 830 T8	Ei
64729200	MASTER LEDtube 1500mm UO 23W 840 T8	Ei
64731500	MASTER LEDtube 1500mm UO 23W 865 T8	Ei
31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	Ei
31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	Ei
31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	Ei
31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	Ei
31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	Ei
31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	Ei
31680500	MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	Ei
31682900	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	Ei
31684300	MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	Ei
31686700	MASTER LEDtube VLE 1500mm UO 23W 830 T8	Ei
31688100	MASTER LEDtube VLE 1500mm UO 23W 840 T8	Ei
31690400	MASTER LEDtube VLE 1500mm UO 23W 865 T8	Ei

Käyttö ja sähkö tiedot

Order Code	Full Product Name	Syöttötaajuus	Jännite (nim.)	Teho (nimellinen)	Syttymisaika (nim.)
68708600	MASTER LEDtube 900mm HO 12W 840 T8	50 to 60 Hz	220-240 V	12 W	0,5 s
68710900	MASTER LEDtube 900mm HO 12W 865 T8	50 to 60 Hz	220-240 V	12 W	0,5 s
69747400	MASTER LEDtube 600mm HO 8W830 T8	50 to 60 Hz	220-240 V	8 W	0,5 s
69749800	MASTER LEDtube 600mm HO 8W840 T8	50 to 60 Hz	220-240 V	8 W	0,5 s
69751100	MASTER LEDtube 600mm HO 8W865 T8	50 to 60 Hz	220-240 V	8 W	0,5 s

Order Code	Full Product Name	Syöttötaajuus	Jännite (nim.)	Teho (nimellinen)	Syttymisaika (nim.)
72855000	MASTER LEDtube 1050mm 16W 830 T8	50 to 60 Hz	220-240 V	16 W	0,5 s
73150500	MASTER LEDtube 1200mm UE 14.5W 840 T8	50 to 60 Hz	220-240 V	14,5 W	0,5 s
73152900	MASTER LEDtube 1200mm UE 14.5W 865 T8	50 to 60 Hz	220-240 V	14,5 W	0,5 s
73154300	MASTER LEDtube 1500mm UE 21.5W 840 T8	50 to 60 Hz	220-240 V	21,5 W	0,5 s
73156700	MASTER LEDtube 1500mm UE 21.5W 865 T8	50 to 60 Hz	220-240 V	21,5 W	0,5 s

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Order Code	Full Product Name	Syöttötaajuus	Jännite (nim.)	Teho (nimellinen) (nim.)	Syttymisaika (nim.)
81965400	MASTER LEDtube Starter EMP GenII OP	-	-	-	-
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	50 to 60 Hz	220-240 V	12.5 W	0,5 s
59237000	MASTER LEDtube 1200mm HO 12.5W 840 T8	50 to 60 Hz	220-240 V	12.5 W	0,5 s
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	50 to 60 Hz	220-240 V	12.5 W	0,5 s
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	50 to 60 Hz	220-240 V	18,2 W	0,5 s
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	50 to 60 Hz	220-240 V	18,2 W	0,5 s
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	50 to 60 Hz	220-240 V	18,2 W	0,5 s
61602100	MASTER LEDtube 1050mm 16W 840 T8	50 to 60 Hz	220-240 V	16 W	0,5 s
64721600	MASTER LEDtube 1200mm UO 15.5W 830 T8	50 to 60 Hz	220-240 V	15,5 W	0,5 s
64727800	MASTER LEDtube 1500mm UO 23W 830 T8	50 to 60 Hz	220-240 V	23 W	0,5 s
64729200	MASTER LEDtube 1500mm UO 23W 840 T8	50 to 60 Hz	220-240 V	23 W	0,5 s
64731500	MASTER LEDtube 1500mm UO 23W 865 T8	50 to 60 Hz	220-240 V	23 W	0,5 s

Order Code	Full Product Name	Syöttötaajuus	Jännite (nim.)	Teho (nimellinen) (nim.)	Syttymisaika (nim.)
31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	50 to 60 Hz	220-240 V	14,7 W	0,5 s
31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	50 to 60 Hz	220-240 V	14,7 W	0,5 s
31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	50 to 60 Hz	220-240 V	14,7 W	0,5 s
31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	50 to 60 Hz	220-240 V	21,7 W	0,5 s
31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	50 to 60 Hz	220-240 V	21,7 W	0,5 s
31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	50 to 60 Hz	220-240 V	21,7 W	0,5 s
31680500	MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	50 to 60 Hz	220-240 V	15,5 W	0,5 s
31682900	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	50 to 60 Hz	220-240 V	15,5 W	0,5 s
31684300	MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	50 to 60 Hz	220-240 V	15,5 W	0,5 s
31686700	MASTER LEDtube VLE 1500mm UO 23W 830 T8	50 to 60 Hz	220-240 V	23 W	0,5 s
31688100	MASTER LEDtube VLE 1500mm UO 23W 840 T8	50 to 60 Hz	220-240 V	23 W	0,5 s
31690400	MASTER LEDtube VLE 1500mm UO 23W 865 T8	50 to 60 Hz	220-240 V	23 W	0,5 s

Yleistä tietoa

MASTER LEDtube EM/Mains

Order Code	Full Product Name	Kanta	Nimelliskäyttöikä (nim.)	Kytentäjäajaksi
68708600	MASTER LEDtube 900mm HO 12W 840 T8	G13 ROT (Rotating)	50000 h	200000X
68710900	MASTER LEDtube 900mm HO 12W 865 T8	G13 ROT (Rotating)	50000 h	200000X
69747400	MASTER LEDtube 600mm HO 8W830 T8	G13 ROT (Rotating)	60000 h	200000X
69749800	MASTER LEDtube 600mm HO 8W840 T8	G13 ROT (Rotating)	60000 h	200000X
69751100	MASTER LEDtube 600mm HO 8W865 T8	G13 ROT (Rotating)	60000 h	200000X
72855000	MASTER LEDtube 1050mm 16W 830 T8	G13 ROT (Rotating)	50000 h	200000X
73150500	MASTER LEDtube 1200mm UE 14.5W 840 T8	G13 ROT (Rotating)	70000 h	200000X
73152900	MASTER LEDtube 1200mm UE 14.5W 865 T8	G13 ROT (Rotating)	70000 h	200000X
73154300	MASTER LEDtube 1500mm UE 21.5W 840 T8	G13 ROT (Rotating)	70000 h	200000X
73156700	MASTER LEDtube 1500mm UE 21.5W 865 T8	G13 ROT (Rotating)	70000 h	200000X
81965400	MASTER LEDtube Starter EMP GenII OP	-	-	-
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	G13 ROT (Rotating)	60000 h	200000X
59237000	MASTER LEDtube 1200mm HO 12.5W 840 T8	G13 ROT (Rotating)	60000 h	200000X
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	G13 ROT (Rotating)	60000 h	200000X
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	G13 ROT (Rotating)	60000 h	200000X
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	G13 ROT (Rotating)	60000 h	200000X
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	G13 ROT (Rotating)	60000 h	200000X

Order Code	Full Product Name	Kanta	Nimelliskäyttöikä (nim.)	Kytentäjäajaksi
61602100	MASTER LEDtube 1050mm 16W 840 T8	G13 ROT (Rotating)	50000 h	200000X
64721600	MASTER LEDtube 1200mm UO 15.5W 830 T8	G13 ROT (Rotating)	60000 h	200000X
64727800	MASTER LEDtube 1500mm UO 23W 830 T8	G13 ROT (Rotating)	60000 h	200000X
64729200	MASTER LEDtube 1500mm UO 23W 840 T8	G13 ROT (Rotating)	60000 h	200000X
64731500	MASTER LEDtube 1500mm UO 23W 865 T8	G13 ROT (Rotating)	60000 h	200000X
31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	G13 ROT (Rotating)	70000 h	200000X
31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	G13 ROT (Rotating)	70000 h	200000X
31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	G13 ROT (Rotating)	70000 h	200000X
31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	G13 ROT (Rotating)	70000 h	200000X
31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	G13 ROT (Rotating)	70000 h	200000X
31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	G13 ROT (Rotating)	70000 h	200000X
31680500	MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	G13	60000 h	200000X
31682900	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	G13	60000 h	200000X
31684300	MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	G13	60000 h	200000X
31686700	MASTER LEDtube VLE 1500mm UO 23W 830 T8	G13	60000 h	200000X
31688100	MASTER LEDtube VLE 1500mm UO 23W 840 T8	G13	60000 h	200000X
31690400	MASTER LEDtube VLE 1500mm UO 23W 865 T8	G13	60000 h	200000X

MASTER LEDtube EM/Mains

Valon tekniset tiedot

Order Code	Full Product Name	Keilakulma (nim.)	Värikoodi	Vastaava	Värintoistoindeksi	LLMF nimelliskäyttöiän	Valovirta (nim.)
				väriämpötila (nim.)	(nim.)	lopussa (nim.)	
68708600	MASTER LEDtube 900mm HO 12W 840 T8	160 °	840	4000 K	83	70 %	1575 lm
68710900	MASTER LEDtube 900mm HO 12W 865 T8	160 °	865	6500 K	83	70 %	1575 lm
69747400	MASTER LEDtube 600mm HO 8W830 T8	160 °	830	3000 K	83	70 %	1000 lm
69749800	MASTER LEDtube 600mm HO 8W840 T8	160 °	840	4000 K	83	70 %	1050 lm
69751100	MASTER LEDtube 600mm HO 8W865 T8	160 °	865	6500 K	83	70 %	1050 lm
72855000	MASTER LEDtube 1050mm 16W 830 T8	160 °	830	3000 K	80	70 %	2300 lm
73150500	MASTER LEDtube 1200mm UE 14.5W 840 T8	160 °	840	4000 K	83	70 %	2500 lm
73152900	MASTER LEDtube 1200mm UE 14.5W 865 T8	160 °	865	6500 K	83	70 %	2500 lm
73154300	MASTER LEDtube 1500mm UE 21.5W 840 T8	160 °	840	4000 K	83	70 %	3700 lm
73156700	MASTER LEDtube 1500mm UE 21.5W 865 T8	160 °	865	6500 K	83	70 %	3700 lm
81965400	MASTER LEDtube Starter EMP GenII OP	-	-	-	-	-	-
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	160 °	830	3000 K	83	70 %	2000 lm
59237000	MASTER LEDtube 1200mm HO 12.5W 840 T8	160 °	840	4000 K	83	70 %	2100 lm
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	160 °	865	6500 K	83	70 %	2100 lm
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	160 °	830	3000 K	83	70 %	2900 lm
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	160 °	840	4000 K	83	70 %	3100 lm
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	160 °	865	6500 K	83	70 %	3100 lm
61602100	MASTER LEDtube 1050mm 16W 840 T8	160 °	840	4000 K	83	70 %	2500 lm
64721600	MASTER LEDtube 1200mm UO 15.5W 830 T8	160 °	830	3000 K	83	70 %	2300 lm
64727800	MASTER LEDtube 1500mm UO 23W 830 T8	160 °	830	3000 K	83	70 %	3400 lm
64729200	MASTER LEDtube 1500mm UO 23W 840 T8	160 °	840	4000 K	83	70 %	3700 lm
64731500	MASTER LEDtube 1500mm UO 23W 865 T8	160 °	865	6500 K	83	70 %	3700 lm
31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	160 °	830	3000 K	80	70 %	2300 lm
31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	160 °	840	4000 K	80	70 %	2500 lm
31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	160 °	865	6500 K	80	70 %	2500 lm
31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	160 °	830	3000 K	80	70 %	3400 lm
31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	160 °	840	4000 K	80	70 %	3700 lm
31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	160 °	865	6500 K	80	70 %	3700 lm
31680500	MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	240 °	830	3000 K	80	70 %	2300 lm

MASTER LEDtube EM/Mains

Order Code	Full Product Name	Keilakulma (nim.)	Värikoodi	Vastaava värilämpötila (nim.)	Värintoistoindeksi (nim.)	LLMF nimelliskäyttöiän lopussa (nim.)	Valovirta (nim.)
31682900	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	240 °	840	4000 K	80	70 %	2500 lm
31684300	MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	240 °	865	6500 K	80	70 %	2500 lm
31686700	MASTER LEDtube VLE 1500mm UO 23W 830 T8	240 °	830	3000 K	80	70 %	3400 lm
31688100	MASTER LEDtube VLE 1500mm UO 23W 840 T8	240 °	840	4000 K	80	70 %	3700 lm
31690400	MASTER LEDtube VLE 1500mm UO 23W 865 T8	240 °	865	6500 K	80	70 %	3700 lm

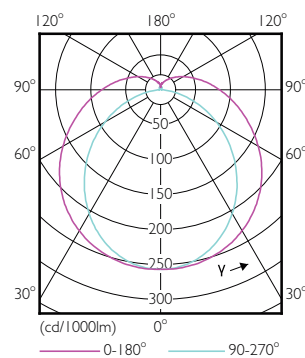
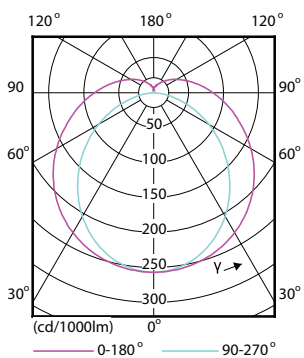
Mekaaniset tiedot ja runko

Order Code	Full Product Name	Lampun viimeistely	Hehkulampun muoto	Order Code	Full Product Name	Lampun viimeistely	Hehkulampun muoto
68708600	MASTER LEDtube 900mm HO 12W 840 T8	-	Tube, double-ended	61602100	MASTER LEDtube 1050mm 16W 840 T8	-	Tube, double-ended
68710900	MASTER LEDtube 900mm HO 12W 865 T8	-	Tube, double-ended	64721600	MASTER LEDtube 1200mm UO 15.5W 830 T8	-	Tube, double-ended
69747400	MASTER LEDtube 600mm HO 8W830 T8	Frosted	Tube, double-ended	64727800	MASTER LEDtube 1500mm UO 23W 830 T8	-	Tube, double-ended
69749800	MASTER LEDtube 600mm HO 8W840 T8	Frosted	Tube, double-ended	64729200	MASTER LEDtube 1500mm UO 23W 840 T8	-	Tube, double-ended
69751100	MASTER LEDtube 600mm HO 8W865 T8	Frosted	Tube, double-ended	64731500	MASTER LEDtube 1500mm UO 23W 865 T8	-	Tube, double-ended
72855000	MASTER LEDtube 1050mm 16W 830 T8	-	Tube, double-ended	31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	Frosted	Tube, double-ended
73150500	MASTER LEDtube 1200mm UE 14.5W 840 T8	-	Tube, double-ended	31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	Frosted	Tube, double-ended
73152900	MASTER LEDtube 1200mm UE 14.5W 865 T8	-	Tube, double-ended	31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	Frosted	Tube, double-ended
73154300	MASTER LEDtube 1500mm UE 21.5W 840 T8	-	Tube, double-ended	31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	Frosted	Tube, double-ended
73156700	MASTER LEDtube 1500mm UE 21.5W 865 T8	-	Tube, double-ended	31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	Frosted	Tube, double-ended
81965400	MASTER LEDtube Starter EMP GenII OP	-	-	31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	Frosted	Tube, double-ended
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	-	Tube, double-ended	31680500	MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	Frosted	Tube, double-ended
59237000	MASTER LEDtube 1200mm HO 12.5W 840 T8	-	Tube, double-ended	31682900	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	Frosted	Tube, double-ended
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	-	Tube, double-ended	31684300	MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	Frosted	Tube, double-ended
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	-	Tube, double-ended	31686700	MASTER LEDtube VLE 1500mm UO 23W 830 T8	Frosted	Tube, double-ended
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	-	Tube, double-ended	31688100	MASTER LEDtube VLE 1500mm UO 23W 840 T8	Frosted	Tube, double-ended
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	-	Tube, double-ended	31690400	MASTER LEDtube VLE 1500mm UO 23W 865 T8	Frosted	Tube, double-ended

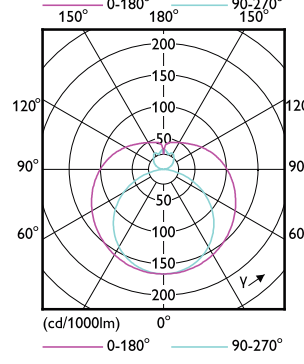
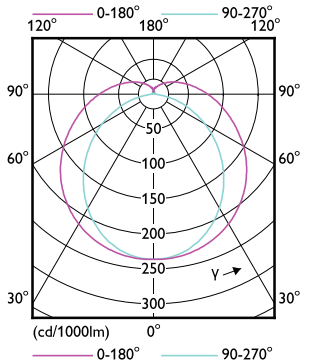
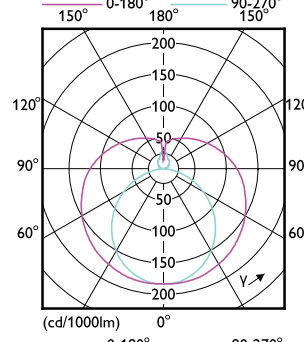
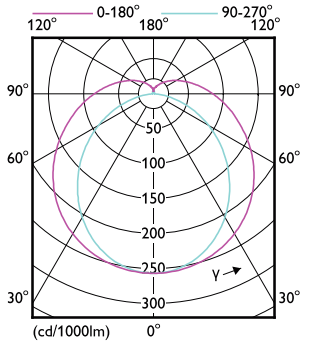
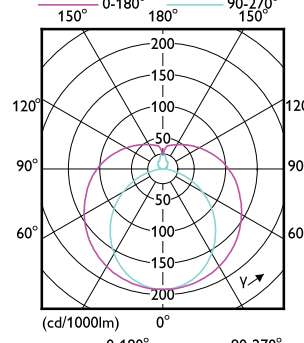
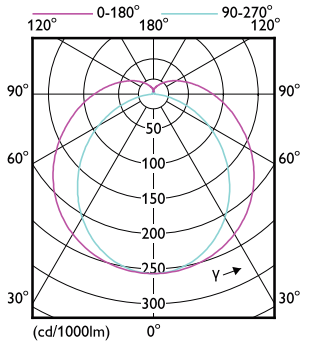
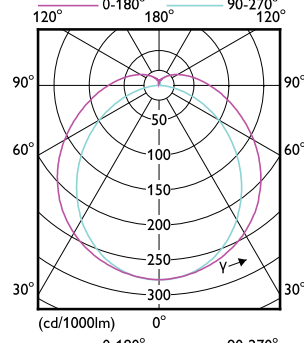
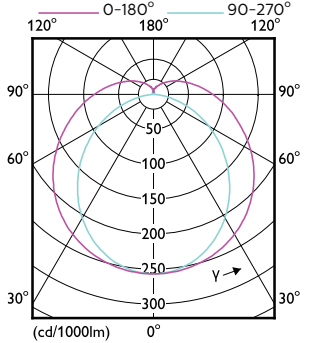
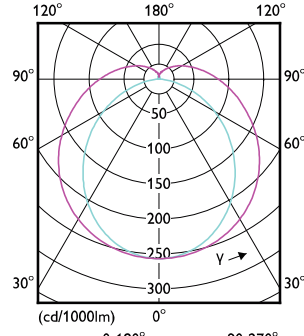
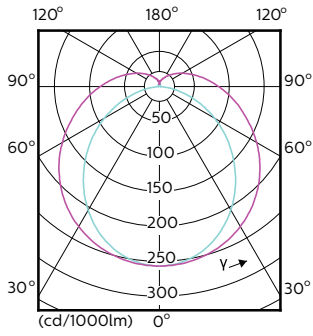
Lämpötila

MASTER LEDtube EM/Mains

Order Code	Full Product Name	T-ympäristö (maks.)	T-Ympäristö (min.)	T-kotelo, maksimi (nim.)	T-varastointi (maks.)	T-varastointi (min.)
68708600	MASTER LEDtube 900mm HO 12W 840 T8	45 °C	-20 °C	50 °C	65 °C	-40 °C
68710900	MASTER LEDtube 900mm HO 12W 865 T8	45 °C	-20 °C	50 °C	65 °C	-40 °C
69747400	MASTER LEDtube 600mm HO 8W830 T8	35 °C	-20 °C	50 °C	65 °C	-40 °C
69749800	MASTER LEDtube 600mm HO 8W840 T8	35 °C	-20 °C	50 °C	65 °C	-40 °C
69751100	MASTER LEDtube 600mm HO 8W865 T8	35 °C	-20 °C	50 °C	65 °C	-40 °C
72855000	MASTER LEDtube 1050mm 16W 830 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
73150500	MASTER LEDtube 1200mm UE 14.5W 840 T8	35 °C	-20 °C	55 °C	65 °C	-40 °C
73152900	MASTER LEDtube 1200mm UE 14.5W 865 T8	35 °C	-20 °C	55 °C	65 °C	-40 °C
73154300	MASTER LEDtube 1500mm UE 21.5W 840 T8	35 °C	-20 °C	60 °C	65 °C	-40 °C
73156700	MASTER LEDtube 1500mm UE 21.5W 865 T8	35 °C	-20 °C	60 °C	65 °C	-40 °C
81965400	MASTER LEDtube Starter EMP GenII OP	-	-	-	-	-
59235600	MASTER LEDtube 1200mm HO 12.5W 830 T8	45 °C	-20 °C	50 °C	65 °C	-40 °C
59237000	MASTER LEDtube 1200mm HO 12.5W 840 T8	45 °C	-20 °C	50 °C	65 °C	-40 °C
59239400	MASTER LEDtube 1200mm HO 12.5W 865 T8	45 °C	-20 °C	50 °C	65 °C	-40 °C
59241700	MASTER LEDtube 1500mm HO 18.2W 830 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
59243100	MASTER LEDtube 1500mm HO 18.2W 840 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
59245500	MASTER LEDtube 1500mm HO 18.2W 865 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
61602100	MASTER LEDtube 1050mm 16W 840 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
64721600	MASTER LEDtube 1200mm UO 15.5W 830 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
64727800	MASTER LEDtube 1500mm UO 23W 830 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
64729200	MASTER LEDtube 1500mm UO 23W 840 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
64731500	MASTER LEDtube 1500mm UO 23W 865 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
31656000	MASTER LEDtube 1200mm UO 14.7W 830 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
31658400	MASTER LEDtube 1200mm UO 14.7W 840 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
31660700	MASTER LEDtube 1200mm UO 14.7W 865 T8	45 °C	-20 °C	55 °C	65 °C	-40 °C
31662100	MASTER LEDtube 1500mm UO 21.7W 830 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
31664500	MASTER LEDtube 1500mm UO 21.7W 840 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
31666900	MASTER LEDtube 1500mm UO 21.7W 865 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
31680500	MASTER LEDtube VLE 1200mm UO 15.5W 830 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
31682900	MASTER LEDtube VLE 1200mm UO 15.5W 840 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
31684300	MASTER LEDtube VLE 1200mm UO 15.5W 865 T8	45 °C	-20 °C	60 °C	65 °C	-40 °C
31686700	MASTER LEDtube VLE 1500mm UO 23W 830 T8	45 °C	-20 °C	65 °C	65 °C	-40 °C
31688100	MASTER LEDtube VLE 1500mm UO 23W 840 T8	45 °C	-20 °C	65 °C	65 °C	-40 °C
31690400	MASTER LEDtube VLE 1500mm UO 23W 865 T8	45 °C	-20 °C	65 °C	65 °C	-40 °C



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