

MASTER LEDtube T8 UltraEfficient with Recycled Plastic

Lamp Current (Max)	93 mA
Lamp Current (Min)	73 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
LED alternative to fluorescent lamp power	58W TL-D
Inrush current at mains	5
Max. lamp no. on MCB B type 10A - Mains	80
Max. lamp no. on MCB B type 10A - EM ballast without Compensation Capacitor.	80
Max. lamp no. on MCB B type 10A - EM ballast with Compensation Capacitor.	10
Max. lamp no. on MCB B type 16A - Mains	130
Max. lamp no. on MCB B type 16A - EM ballast without Compensation Capacitor.	130
Max. lamp no. on MCB B type 16A - EM ballast with Compensation Capacitor.	16
Ballast Compatibility	EM/Mains

Temperature

T-Case Maximum (Nom)	45 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1,500 mm
Bulb Shape	T8
Net Weight (Piece)	0.285 kg

Approval and Application

Energy Efficiency Class	A
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Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate ENEC certificate
Energy Consumption kWh/1000 h	18 kWh
EPREL Registration Number	2102397
CE mark	Yes
EU RoHS compliant	Yes
LED Innovations	UltraEfficient
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.1
Stroboscopic effect visibility measure (SVM)	0.1
Ambient temperature range	-20 to +45 °C
Post-consumer recycled plastic material ratio	40 %
Product non-virgin material ratio	25.3 %

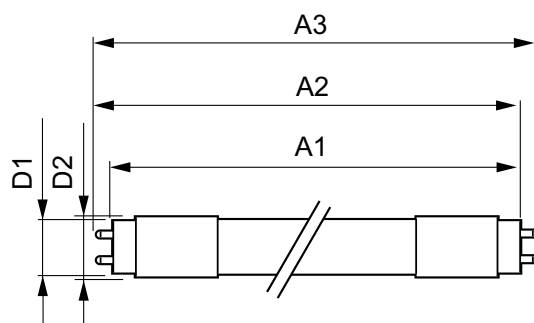
Application Conditions

can it be used in closed luminaires	Yes
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Product Data

Order product name	MAS LEDtube 1500mm UE 17.6W 840 T8 EELA
Full product name	MAS LEDtube 1500mm UE 17.6W 840 T8 EELA
Full product code	871951443168300
Order code	929003482302
Material Nr. (12NC)	929003482302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514431683
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514431690

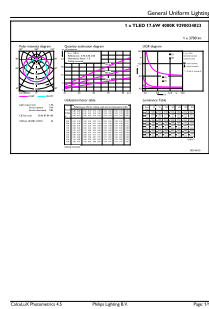
Dimensional drawing



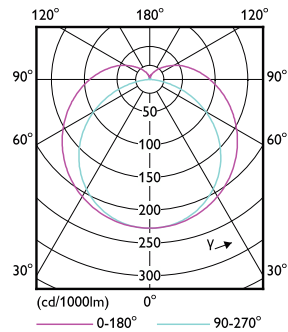
Product	D1	D2	A1	A2	A3
MAS LEDtube 1500mm UE 17.6W	25.8 mm	28 mm	1,498.8 mm	1,505.9 mm	1,513 mm
840 T8 EELA					

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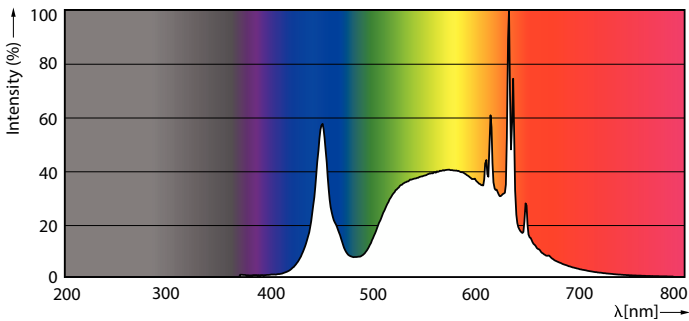
Photometric data



General uniform lighting - MAS LEDtube 1500mm UE 17.6W 840 T8 EELA

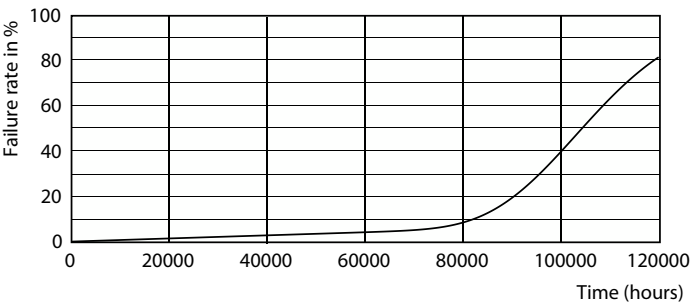


Light Distribution Diagram - MAS LEDtube 1500mm UE 17.6W 840 T8 EELA

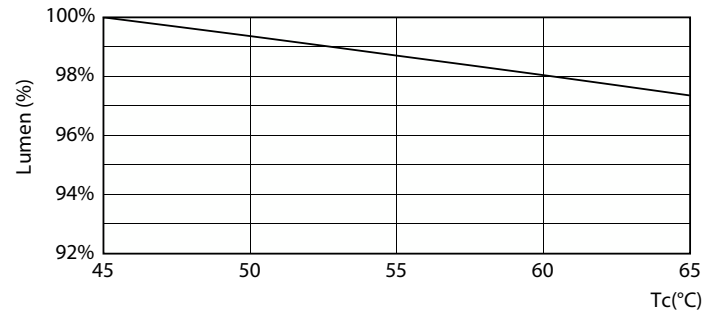


Spectral Power Distribution Colour - MAS LEDtube 1500mm UE 17.6W 840 T8 EELA

Lifetime



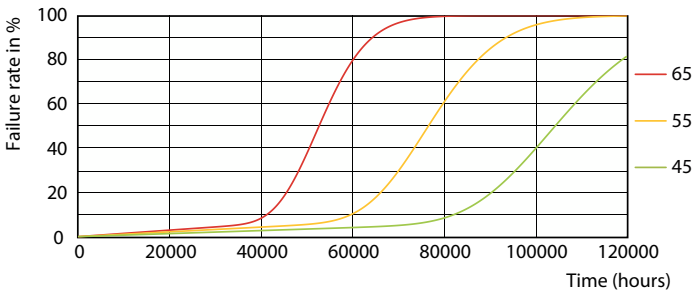
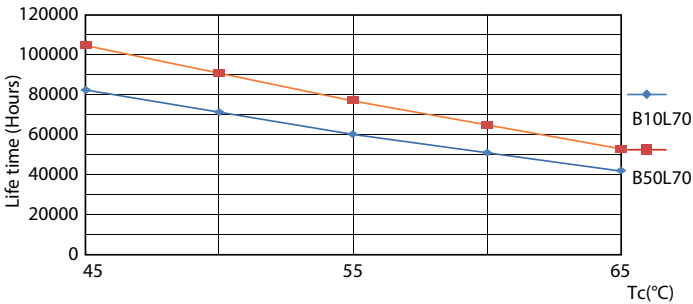
Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDtube 1500mm UE 17.6W 840 T8 EELA

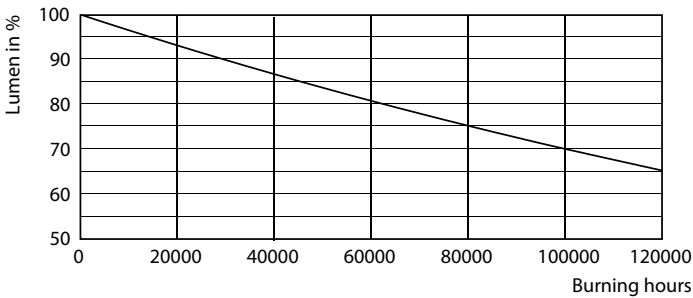
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Lifetime



LifetimeVsTc

LEDtube-100K-4565-FailureRate-LED



Lumen Maintenance Diagram - MAS LEDtube 1500mm UE 17.6W 840 T8 EELA

