PHILIPS

Lighting

MASTER LED Strip

MAS LEDstrip 16.6W940 2000LM/M 5M

A complete family delivering superior light with great uniformity and safety. Choose the best fit for every projects, from 5 lumen packs/wattages, and 4 CCTs, and enjoy great reliable performance free of maintenance

Product data

General Information	
Driver included	No
Lighting Technology	LED
Warranty period	5 years

Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120.00 lm/W
Color rendering index (CRI)	>90
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Input Voltage	24 V
Initial CLO power consumption	67 W
Average CLO power consumption	0 W
Power Consumption	67 W
Power Factor (Fraction)	1
Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type B	-
Protection class IEC	Safety class III

Controls and Dimming	
Dimmable	Yes
Control interface	depends on driver (1-10V, DALI...)
Constant light output	Yes
Maximum dim level	10% (depends on dimmer, ELV)

Mechanical and Housing	
Reflector material	-
Overall length	5,000 mm
Overall width	8 mm
Overall height	1.3 mm
Dimensions (Height x Width x Depth)	1 x 8 x 5000 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK00 [No protection]
Net Weight (Piece)	0.100 kg

Approval and Application	
Energy Efficiency Class	E
EPREL Registration Number	620723
Glow-wire test	Temperature 650 °C, duration 30 s
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

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Initial chromaticity	(0.3818, 0.3797) 3SDCM
Power consumption tolerance	+/-10%

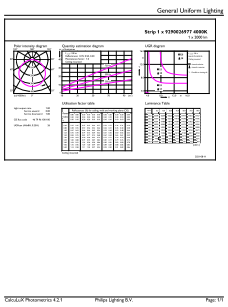
Over Time Performance (IEC Compliant)	
Median useful life L70B50	60,000 hour(s)

Product Data	
Order product name	MAS LEDstrip 16.6W940 2000LM/M 5M
Full product name	MAS LEDstrip 16.6W940 2000LM/M 5M

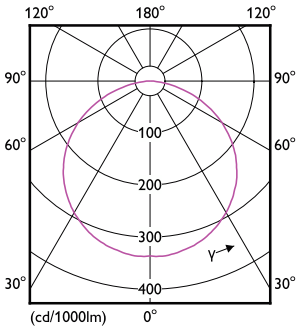
Full product code	871951434460000
Order code	929002697702
Material Nr. (12NC)	929002697702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514344600
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514344617

Dimensional drawing

Photometric data



General uniform lighting - MAS LEDstrip 16.6W940 2000LM/M 5M



Light Distribution Diagram - MAS LEDstrip 16.6W940 2000LM/M 5M

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