



product_datasheet_title

LS PFM -1000/COB/930/5

LED STRIP PERFORMANCE COB -1000 | High performance COB LED strip with 1000 lm/m for high requirements



PERFOR-
MANCE
CLASS



technical_data**ELECTRICAL DATA**

Nominal wattage	38.00 W
Construction wattage	38.00 W
Nominal wattage per meter	11.0 W ¹⁾
Nominal voltage	24 V
Input voltage range	23...25 V
Reverse Voltage	144 V
Type of current	DC
Nominal current	1600 mA

¹⁾ Value based on first meter of the product

PHOTOMETRICAL DATA

Luminous efficacy	95 lm/W ¹⁾
Luminous flux	3100 lm
Luminous flux per meter	1010 lm ¹⁾
Color temperature	3000 K
Color rendering index Ra	> 90
Light color LED	White
Light color (designation)	3000 K
Standard deviation of color matching	≤5 sdcn

¹⁾ Value based on first meter of the product

LIGHT TECHNICAL DATA

Beam angle	140 °
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LED MODULE INFORMATION

Number of LEDs per meter	384
Number of LEDs per module	384
Number of LEDs per smallest unit	24

DIMENSIONS & WEIGHT

Length	5000.00 mm
Length – smallest unit	62.5 mm
Cable length	500.000
Width	8.00 mm
Height	1.70 mm
Prewired	Yes
Conductor cross section	0,5 mm ²
Short pitch	Yes
Product weight	188.00 g

TEMPERATURES & OPERATING CONDITIONS

Ambient temperature range	-20...+55 °C
Maximum temperature at tc test point	75 °C
Temperature range in operation	-20...+55 °C

LIFESPAN

Nominal lamp life time	50000 h
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CAPABILITIES

Dimmable	yes ¹⁾
Lowest bending radius	10 mm
Self-adhesive	Yes

¹⁾ Dimmable with suitable drivers, see also www.ledvance.com/dim

CERTIFICATES & STANDARDS










Approval marks – approval	CE / TUV
Protection class	III
Type of protection	IP00
Energy consumption	5.50 kWh/1000h ¹⁾
Energy class of contained light source	F
Light source	AC37264
Salt mist resistance acc. IEC 60068-2-52	No
UV resistance acc. IEC 60068-2-5	No












¹⁾ Value based on 0.5 meter












LOGISTICAL DATA


Temperature range at storage	-40...+85 °C
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Accessories Optional




product_image	product_name	product_ean
	LS AY -PF02/U/16X5/10/1	4058075278226
	LS AY -PM04/UW/23X15,5/10/1	4058075278400
	LS AY -PM02/R/18X15,5/10/1	4058075278349
	LS AY -PM01/UW/21,5X12/10/1	4058075278318
	LS AY -PM06/E/18X18/12/1	4058075279308
	LS AY -PF01/UW/22X6/10/1	4058075278196
	LS AY -PM05/U/17,5X14,5/10/1	4058075279278
	DR DIM-PFM -60/220-240/24/P	4058075240018
	LS AY -PF01/UW/22X6/10/2	4058075401532




product_image	product_name	product_ean
	LS AY -PF02/U/16X5/10/2	4058075401563
	LS AY -PF04/U/17X7/12/1	4058075278288
	LS AY -PM03/E/19X19/10/1	4058075278370
	LS AY -PW01/U/26X8/14/2	4058075401440
	LS AY -PW03/U/26X26/14/2	4058075401501
	LS AY -PW01/U/26X8/14/1	4058075278103
	LS AY -PF03/UW/25X7/12/1	4058075278257
	LS AY -PW02/UW/39X26/14/1	4058075278134
	LS AY -PW02/UW/39X26/14/2	4058075401471
	LS AY -PW03/U/26X26/14/1	4058075278165
	DR-PFM -250/220-240/24/P	4058075240032

product_image	product_name	product_ean
	DR-PFM -100/220-240/24/P	4058075239937
	DR-PFM -150/220-240/24/P	4058075239975
	DR-PFM -60/220-240/24/P	4058075239913
	DR DIM-PFM -250/220-240/24/P	4058075240155
	DR-VAL -60/220-240/24	4058075240094
	DR DIM-PFM -150/220-240/24/P	4058075240117
	DR DIM-PFM -100/220-240/24/P	4058075240070
	DR-VAL -120/220-240/24	4058075240131
	LS AY PFM -CSW-P2-50-COB	4058075654099
	DR-VAL -150/220-240/24	4058075240179
	LS AY PFM -CP-P2-500 COB	4058075654075

product_image	product_name	product_ean
	DR DIM-PFM -60/220-240/24/P	4058075379190

download_data

Documents and certificates		document_name
	User instruction	LED STRIP PERFORMANCE-1000 COB -1000
	Addon Technical Information	LED STRIP COB
	Declarations Of Conformity CE	LS PFM COB

Photometric and lighting design files		document_name
	IES file (IES)	LS PFM-1000-COB-930-5
	LDT file (Eulumdat)	LS PFM-1000-COB-930-5
	LDC typ polar	LS PFM-1000-COB-930-5

logistical_data

product_code	packaging_unit	dimensions	weight	volume
4058075597532	Folding box 1	242 mm x 242 mm x 26 mm	335.00 g	1.52 dm ³
4058075600737	Shipping box 10	260 mm x 260 mm x 265 mm	3741.00 g	17.91 dm ³
4058075600744	Shipping box 40	567 mm x 535 mm x 281 mm	16184.00 g	85.24 dm ³

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