

**Product:** MATRIX SURFACE LED 4400 MICRO-PRM 21 E 830

**Index:** 19.3087.0003.21



## Description

Decorative luminary of direct light distribution. Is characterized by high lighting parameters and subtle construction. Casing of the luminary is made of powder-painted steel sheet. Grey is a standard colour of the luminary. Significant diversity of the value of luminous flux. Colour rendering index CRI: 80. The luminary perfectly matches interior design of representative facilities.

## Product information

Category	Surface mounted luminaires
Family	MATRIX SURFACE LED
Name	MATRIX SURFACE LED 4400 MICRO-PRM 21 E 830
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## Light and electrical data

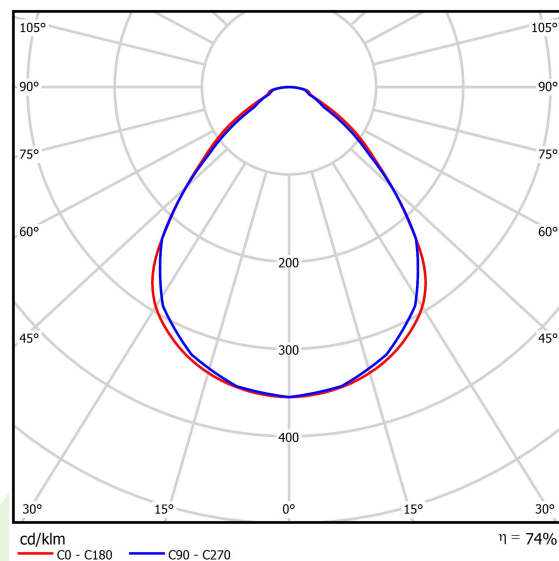
Light source	LED
Luminous flux LED [lm]	4406
LED power [W]	23,4
Luminaire luminous flux [lm]	3271
Power of luminaire [W]	24,7
Luminaire's light efficiency [lm/W]	132,4
Color of the light [K]	3000
CRI	>80
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 89° / 89°
Protection against electric shock	I
Protection degree	IP20
Voltage	220..240 V, 50..60 Hz
Lifetime of LED sources [h]	100000 (1) / 147000 (2)
Lx/By	L80/B10 (1) / L70/B50 (2)
Operating temperature range [°C]	5 ÷ 30
Driver	standard on/off (E)
Power factor cos φ	>0,95
Circuit load capacity	30 (B10), 48 (B16), 43 (C10), 70 (C16)

## Mechanical data



Assembly	surface mounted on ceiling
Material	steel sheet
Color	RAL 9006 (gray, metallic, fine structure)
Diffuser	Micro-PRM (micro-prismatic diffuser PMMA)
Impact resistant	IK04
Dimensions [mm]	1245 x 160 x 62

## A graph of light



Luminous flux tolerance  $\pm 10\%$ . Power tolerance  $\pm 10\%$ .  
Technical data may be changed. Photos of the luminaires may differ from reality.  
Date of last update: 24-01-2023