LUXIONA
Poland

Product: MOSAIC L LED 1300 PLX EDD 34 840
**Index:** 19.4097.1123.34

Description

System dedicated for 600 x 600 module suspended ceilings. It has a module and segment construction that includes the simple element, the curve, +-shaped element, L-shaped element and T-shaped element. Combination of these elements provides unlimited possibilities of interior lighting arrangement. It is possible to combine the lighting functionallity and unique aesthetics of the interior. The location of segments can be altered any time be turning particular plaster boards. Owing to the color diffusers or LED RGB strips it is possible to obtain some extra color effects. The LED system can be easily dimmed what provides some extra energy savings.

Product information

Category	**Architectural luminaires**
Family	**MOSAIC L LED**
Name	**MOSAIC L LED 1300 PLX EDD 34 840**
Index	**19.4097.1123.34**

Light and electrical data

Light source	**LED**
Luminous flux LED [lm]	**1625**
LED power [W]	**9**
Luminaire luminous flux [lm]	**906**
Power of luminaire [W]	**10**
Luminaire's light efficiency [lm/W]	**90,6**
Color of the light [K]	**4000**
CRI	**>80**
SDCM (LED sources)	**3**
Beam angle [°]	**(C0-C180) / (C90-C270) - 104,2° / 107,4°**
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	**DIM DALI (EDD)**
Power factor cos φ	**>0,9**
Circuit load capacity	**80 (B10), 130 (B16), 130 (C10), 208 (C16)**

Mechanical data

Assembly	**mounted in module ceilings**
Material	**steel sheet**
Color	**RAL 9016 (white)**
Diffuser	**PLX (PMMA opal)**
Impact resistant	**IK04**
Dimensions [mm]	**345 x 345 x 68**

A graph of light

105°   105°
90°   90°
75°   75°
                80
60°   60°
               120
45°   160   45°
               200
               240
30°   15°   0°   15°   30°

cd/klm   η = 56%
—— C0 - C180   —— C90 - C270
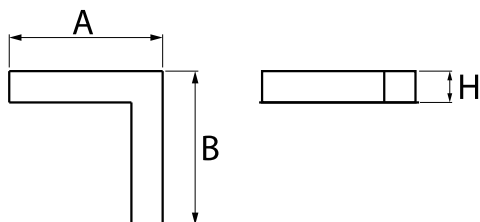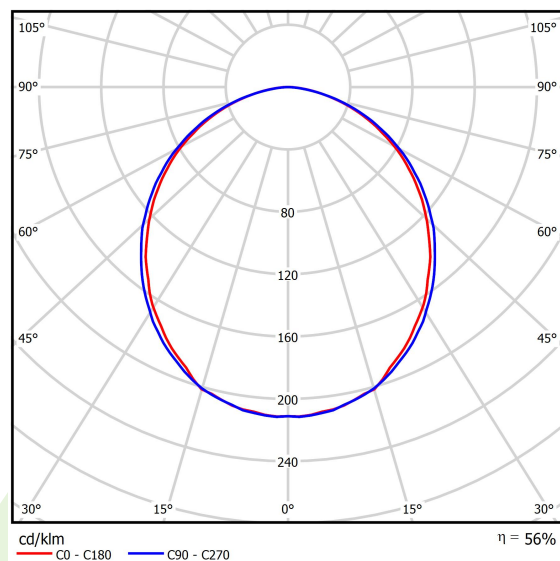
Accessories

Index   19.3027.1000.00
Name   MOSAIC L LED - Stencil

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