Product: AGAT POS LED 6600 MICRO-PRM EDD 827-865 / 600X600 TUNABLE WHITE
Index: 19.4007.1753.34
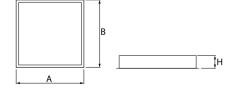
Description

Luminary body made from steel sheet powder coated in white. Luminary adapted to be mounted in 600x600 module ceilings and with adaptive frame in plasterboard ceilings. It is equipped with highly efficient LED sources of the newest lighting generation, with the average durability of 60000 h. Diffuser is made from polymethyl methacrylate with micro prism structure (micro prism part of diffuser is the outer side of the luminary). Luminary resistant to solids, dust, and liquids penetration (IP20). LED modules adjusted to regulate the color temperature of light in the range from 2700 K to 6500 K.

Product information

Category	**Recessed luminaires**
Family	**AGAT POS LED**
Name	**AGAT POS LED 6600 MICRO-PRM EDD 827-865 / 600X600 TUNABLE WHITE**
Index	**19.4007.1753.34**

Light and electrical data

Light source	**LED**
Luminous flux LED [lm]	**6456÷6861 (2700÷6500 K)**
LED power [W]	**40÷43 (6500÷2700 K)**
Luminaire luminous flux [lm]	**5323÷5657 (2700÷6500 K)**
Power of luminaire [W]	**45÷48 (6500÷2700 K)**
Luminaire's light efficiency [lm/W]	**111÷126 (2700÷6500 K)**
Color of the light [K]	**2700 ÷ 6500**
CRI	**>80**
SDCM (LED sources)	**3**
Beam angle [°]	**(C0-C180) / (C90-C270) - 89,4° / 76°**
Protection against electric shock	**I**
Protection degree	**IP20/44**
Voltage	**220..240 V, 50..60 Hz**
Lifetime of LED sources [h]	**50000**
Lx/By	**L80/B10**
Operating temperature range [°C]	**5 ÷ 30**
Driver	**DIM DALI (EDD)**
Power factor cos φ	**>0,95**
Circuit load capacity	**11 (B10), 19 (B16), 17 (C10), 27 (C16)**

Mechanical data

Assembly	**mounted in module ceilings, as well as plasterboard ceilings**
Material	**steel sheet**
Color	**white**
Diffuser	**Micro-PRM (micro-prismatic diffuser PMMA)**
Impact resistant	**IK04**
Weight [kg]	**3,33**
Dimensions [mm]	**596 x 596 x 55**

A graph of light

105° 105°
90° 90°
75° 75°
60° 200 60°
300
45° 45°
500
30° 15° 0° 15° 30°

cd/klm   η = 82%
— C0 - C180   — C90 - C270