Product: ARUNA LED 1R 4400 OPTICS-1L E 34 840 / 1200X300
Index: 19.3044.2102.34

Description

LED luminary dedicated to be mounted on suspended modular ceilings, cardboard suspended ceilings (using adaptive frame), directly on the ceiling (using ceiling slab) or using slings. Equipped with highly efficient LED light sources. Light distribution available with modern lenses. Housing made of steel sheet. Standard colour of the luminary is white. Significant diversity of the value of luminous flux. Colour rendering index CRI: 80. Thanks to its innovative optics Aruna LED perfectly fits to be used in offices-especially to work with computers.

Product information

Category	**Recessed luminaires**
Family	**ARUNA LED**
Name	**ARUNA LED 1R 4400 OPTICS-1L E 34 840 / 1200X300**
Index	**19.3044.2102.34**

Light and electrical data

Light source	**LED**
Luminous flux LED [lm]	**4565**
LED power [W]	**23,4**
Luminaire luminous flux [lm]	**3644**
Power of luminaire [W]	**24,7**
Luminaire's light efficiency [lm/W]	**147,5**
Color of the light [K]	**4000**
CRI	**>80**
SDCM (LED sources)	**3**
Beam angle [°]	**(C0-C180) / (C90-C270) - 100,4° / 90,8°**
Protection against electric shock	**I**
Protection degree	**IP20**
Voltage	**220..240 V, 50..60 Hz**
Lifetime of LED sources [h]	**100000**
Lx/By	**L70/B50**
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	**mounted in module ceilings, plasterboard ceilings, directly on the ceiling or using the slings**
Material	**steel sheet**
Color	**RAL 9016 (white)**
Diffuser	**OPTICS (optical system based on lenses)**
Impact resistant	**IK04**
Weight [kg]	**5,9**
Dimensions [mm]	**1193 x 293 x 39**
Mounting hole [mm]	**1210 x 310**

A graph of light

cd/klm
— C0 - C180   — C90 - C270   η = 80%
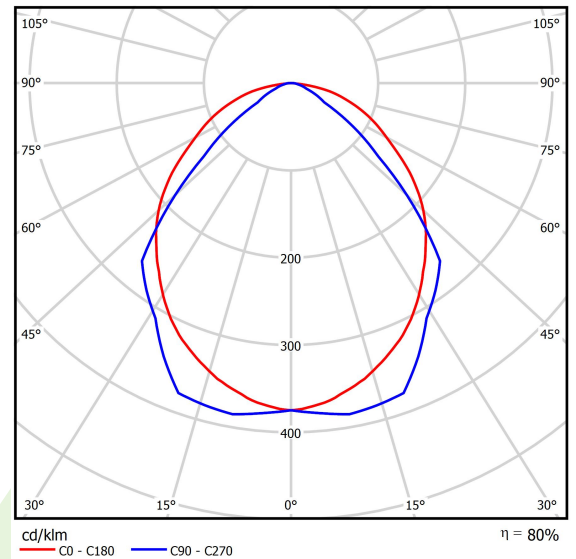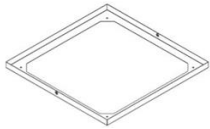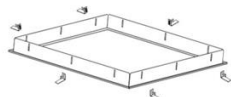
Accessories

Index 19.3044.0001.34

Name Frame for ceiling mounting / 1200X300

Index 01ARNL-AGK120X30

Name Adaptive frame for plasterboard ceiling / 1200X300

Index 19.3272.0101.34

Name SUSPENSION NEW TYPE-G+H 34 LENGHT 1,5M WIRE 3X SET TYPE-Y

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