

Item

F53E035-9005C1940V3S
ophelia recessed frame black sat. 350mm

General

LED VO 4000K 18,5W 1369lm DALI CRI90

Illuminant

LED VO

Colour rendering index (CRI) 90

Blue light hazard RG0 IEC 62471

MacAdam 3

UGR25 DIN EN 12464-1.2021-11

melanopic ratio = 0,739

Luminaire efficiency using the reflector boost 110
lm/W

Dimension

DMxH: 0350x092mm

Cut-out DMxD: 338 - 343x100mm

Surface/Colour

Material: aluminium

Surface powdercoating RAL9005 black fine matte

Lens

diffuser PMMA satined

Protection rating

IP20 / Protection class I

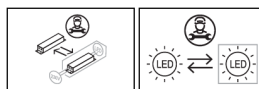
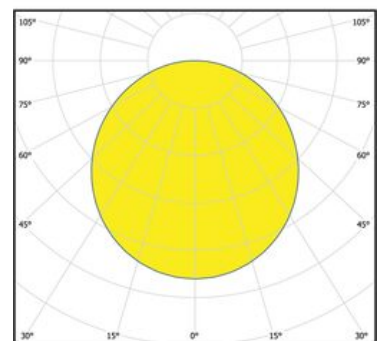
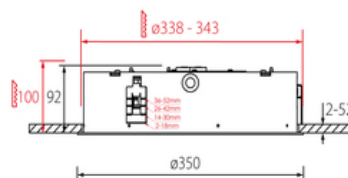
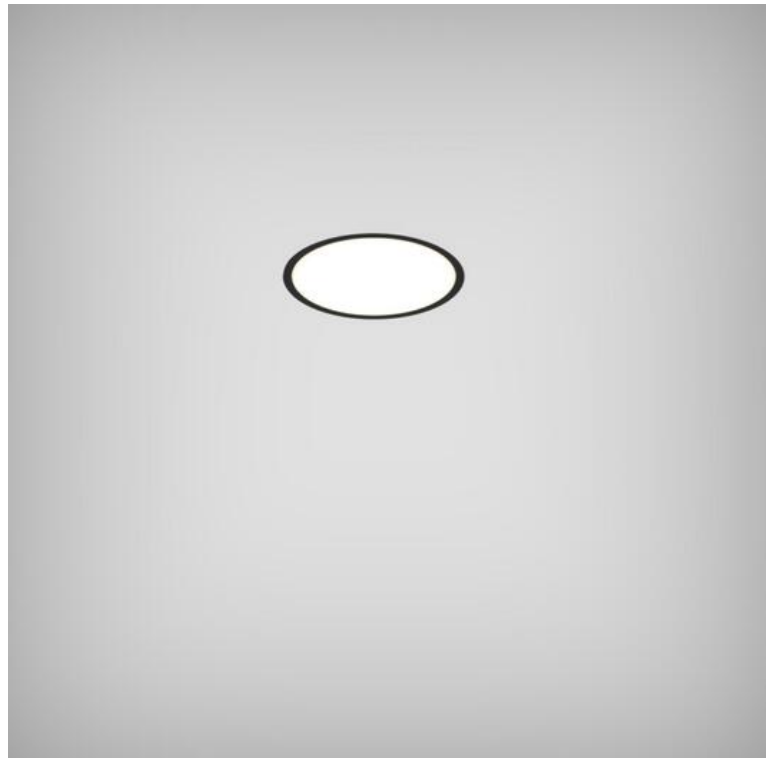
Connection

230V 50/60Hz

incl. converter DALI

Weight

3.0 kg



Product-Information

High-class luminaire with LEDs and a subtle round frame with a fine structure powder coating in matte black 'RAL9005', round lamp housing in a modern flat design constructed out of seamlessly welded, extruded aluminium, for recessed mounting in false ceilings (thickness from 2 to 52 mm), designed for direct light emission. Installed by special mounting tabs. . Light emission through a satin PMMA diffuser for an almost homogeneous emission of light. Electrical connection through 5 used pins, Luminaire equipped with the latest generation of LED boards with an efficiency of 74 lm per W, the innovative LED technology produces a luminous flux of 1369 lm with 18,5 W, colour temperature of 4000 K. To maximize the lumen output, a specially developed reflector efficiency boost is available as a retrofittable accessory: when used (optional) the luminous flux increases to 2034 lm, the efficiency can be increased to 110 lm/W . Number of DALI addresses: 1. Converter DALI dimmable, Glare rating according to classification according to DIN EN 12464-1.2021-11 with UGR < 25, melanopic ratio = [0,739], Colour Rendering Index (CRI) > 90, small colour tolerance MacAdam 3, Blue light hazard Risk Group RG0 IEC 62471, Rated lifetime of minimum 60.000 h [according to EU decree No. 1194/2012], Ingress Protection IP20, impact protection of IK07 in line with the IEC 62262:2012 standard, Protection Class I. On request also in emergency light version with 3h battery or in the version with controllable/programmable motion and brightness sensor, Casambi also on request. Remote controls are available as accessories. Emergency light and sensor cannot be combined. Switch option: C, light source replaceable by authorized professional, control gear replaceable by authorized professional, dimensions DMxH: 0350x092 mm, Cut-out DMxD: 338 - 343x100 mm,