
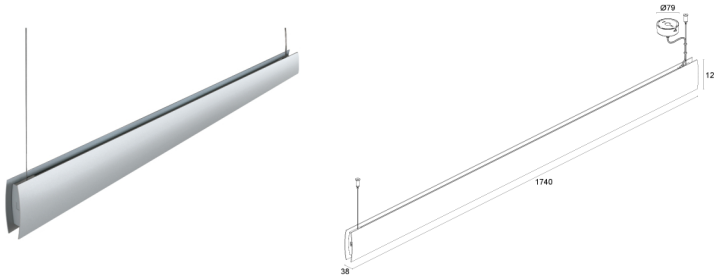
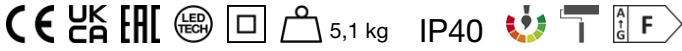


Made in Italy

 Berica S 1.2, code: BS121010005DLK
Suspended for indoor applications

17/07/2024 Rev. 23



DESCRIPTION

suspended for indoor applications; surface mounted (ceiling) with ceiling rose, surface mounted (ceiling); Power consumption: 39W; Power supply: 230Vac; Lumen output at source: 4747 lm (3000K); Delivered lumen output: 3333 lm (3000K, 44°x90° + diffuse); 270 mid-power LEDs, 3-step MacAdam, 60 000h L90 B10 (Ta 25°C); LED colour: 3000K; Lower optics: 44°x90°: optical system consisting of a high-efficiency PMMA linear lens made by an extrusion process; Upper optics: diffuse: optical system consisting of a high-efficiency PMMA linear lens made by an extrusion process; CRI Colour Rendering Index: >90; Body material: body and convex cover made of low-copper-content ANTICORODAL® EN AW 6060 T5 aluminium alloy for excellent resistance to corrosion. Body and convex cover made by an extrusion process and subsequently finished by CNC milling. Caps made of technopolymer through a moulding process and designed so they follow the curved profile of the front panel; Finishes: body painted white (RAL 9003). Cover, caps and ceiling rose painted in matt aluminium grey; RAL finish on request; Installation: comes with two steel cables for ceiling mounting and pins to adjust the installation height; built-in power supply unit; includes 2.5 m PVC + PVC cable, 2x0.75 Ø5.4 mm; Control system: ON/OFF; Ingress protection: IP40; non-standard lengths available on request, single-beam version available on request, Casambi-compatible version, controllable with the Casambi app, available on request; Operating temperature: 0°C — +45°C; Glow wire test: 960°; Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class II; Weight: 5100 g; Dimensions: 1740x120x38 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Status: Available

ELECTRICAL CHARACTERISTICS

| | |
|-------------------|----------------------------|
| Power consumption | 39W |
| Power supply | 230Vac |
| Power supply unit | built-in power supply unit |
| Control system | ON/OFF |

LIGHTING CHARACTERISTICS

| | |
|----------------------------|------------------------------------|
| Number and type of LED | 270 mid-power LEDs |
| Average LED life | 60 000h L90 B10 (Ta 25°C) |
| LED colour | 3000K |
| CRI Colour Rendering Index | >90 |
| Binning | 3-step MacAdam |
| Lower optics | 44°x90° |
| Upper optics | diffuse |
| Lumen output at source | 4747 lm (3000K) |
| Delivered lumen output | 3333 lm (3000K, 44°x90° + diffuse) |

MECHANICAL CHARACTERISTICS

| | |
|---------------|--|
| Dimensions | 1740x120x38 mm |
| Weight | 5100 g |
| Finishes | matt aluminium grey |
| Mounting | with screws and plugs |
| Body material | body and cover in anticorrosive aluminium, ceiling rose in steel |

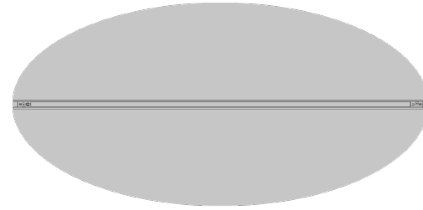
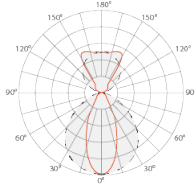
GENERAL CHARACTERISTICS

| | |
|-------------------------|--|
| Ingress protection | IP40 |
| Operating temperature | 0°C — +45°C |
| Energy efficiency class | F (light source) in accordance with EU 2019/2015 |
| Glow wire test | 960° |
| Appliance class | class II |
| Walkover | no |
| Drive-over | no |
| Power cables | includes 2.5 m PVC + PVC cable, 2x0.75 Ø5.4 mm |
| Photobiological safety | in accordance with IEC TR 62778:2014 |
| Notes | non-standard lengths available on request, single-beam version available on request, Casambi-compatible version, controllable with the Casambi app, available on request |

PHOTOMETRIC DATA

L – 44°x90°

| H (m) | Ø (m) | Ø (m) | Lux max (3000K) | cd/Klm max 817 | Legend | |
|-------|-------|-------|-----------------|----------------|-------------|--------------|
| | | | | | — C0 - C180 | — C90 - C270 |
| 0.50 | 0.35 | 1.18 | 6038 | | | |
| 1.00 | 0.71 | 2.37 | 1510 | | | |
| 1.50 | 1.06 | 3.55 | 671 | | | |
| 2.00 | 1.42 | 4.74 | 377 | | | |
| 2.50 | 1.77 | 5.92 | 242 | | | |
| 3.00 | 2.12 | 7.11 | 168 | | | |



44°x90°

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