Made in Italy

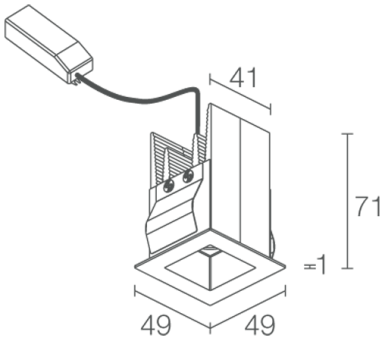
19/11/2026 Rev. 08/2024

## Bitpop 1.0, code: BP101015LN0

Recessed for indoor applications

230Vac kg 0,26 43x43 mm IP40






### DESCRIPTION

recessed downlight for indoor applications; recessed (ceiling: rebated or deep set); Power consumption: 8W; Power supply: 230Vac; Lumen output at source: 480 lm (3000K); Delivered lumen output: 335 lm (3000K, 30°); 1 high-intensity power LED, 3-step MacAdam, 50 000h L85 B10 (Ta 25°C); LED colour: 3000K; Optics: 42°: optical system consisting of 1 TIR lens, set back inside a polycarbonate element in glossy black paste to ensure high quality and visual comfort; CRI Colour Rendering Index: >90; Body material: radiator made from aluminium profile to act as a cooling element, then anodized black; with springs in AISI 301 harmonic steel; Frame + optical comp. finish: frame for recessing in black-painted steel, optical compartment with black finish (RAL 9005); RAL finish on request; Installation: installed by mounting with springs on plasterboard. Outer casings available for installation in solid walls or trimless installation, set 8 mm deep only on plasterboard; Thickness of installation surface: min 7.5 mm, max 20 mm; power supply unit included; includes 0.30 m cable; Control system: ON/OFF; Ingress protection: IP40; UGR < 10 for 17° and 30° optics; 2700K, 3000K: CRI >90, 4000K: CRI 80; Operating temperature: 0°C — +45°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class II; Weight: 260 g; Dimensions: 49x49x71 mm; Cutout dimensions: 43x43 mm; Volume of thermal heatsink: 140x140x125 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC8700 Outer casing for flush installation in solid ceilings, WC8703 Outer casing for deep-set installation in plasterboard ceilings - white, WC8703N Outer casing for deep-set installation in plasterboard ceilings - black; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

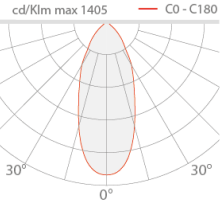
Status: Available

| | |
|---|---|
| **ELECTRICAL CHARACTERISTICS** | |
| Power consumption | 8W |
| Power supply | 230Vac |
| Power supply unit | power supply unit included |
| Control system | ON/OFF |
| **LIGHTING CHARACTERISTICS** | |
| Number and type of LED | 1 high-intensity power LED |
| Average LED life | 50 000h L85 B10 (Ta 25°C) |
| LED colour | 3000K |
| CRI Colour Rendering Index | >90 |
| Binning | 3-step MacAdam |
| Optics | 42° |
| Lumen output at source | 480 lm (3000K) |
| Delivered lumen output | 335 lm (3000K, 30°) |
| **MECHANICAL CHARACTERISTICS** | |
| Dimensions | 49x49x71 mm |
| Weight | 260 g |
| Frame + optical comp. finish | black - black RAL 9005 |
| Mounting | with fixing springs or outer casing |
| Body material | body in black-anodized aluminium, trim in steel |
| Cutout dimensions | 43x43 mm |
| Volume of thermal heatsink | 140x140x125 mm |
| **GENERAL CHARACTERISTICS** | |
| Ingress protection | IP40 |
| Operating temperature | 0°C — +45°C |
| Features | UGR < 10 for 17° and 30° optics |
| Energy efficiency class | F (light source) in accordance with EU 2019/2015 |
| Appliance class | class II |
| Walkover | no |
| Drive-over | no |
| Power cables | includes 0.30 m cable |
| Photobiological safety | photobiological safety: risk group 1 according to EN 62471:2006 |
| Notes | 2700K, 3000K: CRI >90,  4000K: CRI 80 |

## PHOTOMETRIC DATA

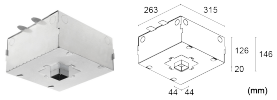
L - 42°

| H (m) | ∅ (m) | Lux max (3000K ) | cd/Klm max 1405 | C0 - C180 |
|---|---|---|---|---|
| | | 8W | | |
| 0.50 | 0.39 | 1899 | | |
| 1.00 | 0.78 | 475 | | |
| 1.50 | 1.17 | 211 | | |
| 2.00 | 1.56 | 119 | | |
| 2.50 | 1.95 | 76 | | |
| 3.00 | 2.35 | 53 | | |

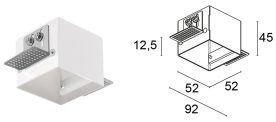



## ACCESSORIES

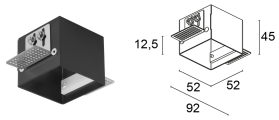
### Installation Accessories



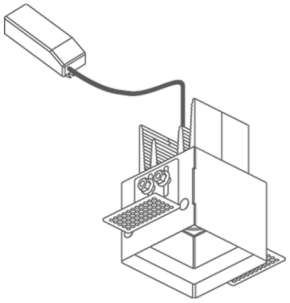

WC8700
Outer casing for flush installation in solid ceilings




WC8703
Outer casing for deep-set installation in plasterboard ceilings - white




WC8703N
Outer casing for deep-set installation in plasterboard ceilings - black



Deep-set installation with outer casing

L&L Luce&Light SRL reserves the right to change the information contained in this document at any time without prior notice being given.