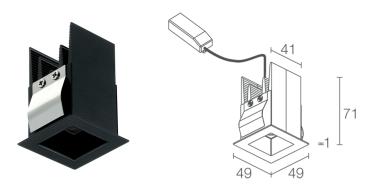




Made in Italy

Bitpop 1.0, code: BP101015LN0

Recessed for indoor applications



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 deep-set installation in plasterboard ceilings - white, WC8703N Outer casing for deep-set installation in plasterboard ceilings - white, WC8703N Outer casing for deep-set installation in plasterboard ceilings - white, WC8703N Outer casing for deep-set installation in plasterboard ceilings - white, WC8703N Outer casing for deep-set installation in plasterboard ceilings - white, WC8703N Outer casing for deep-set installation in plasterboard ceilings - white, wC8703N

Status: Available

7/10/2025 Rev. 08/2024

DATASHEET TECHNICAL DATA



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°

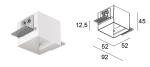
		Lux max (3000K)	cd/Klm max 1405	- C0 - C180
H (m)	Ø (m)	8W		WHI
0.50	0.39	1899		1XX
1.00	0.78	475	$\langle \times \rangle / +$	$+$ (\times)
1.50	1.17	211	\times	X
2.00	1.56	119		AX
2.50	1.95	76	30°	30°
3.00	2.35	53	0°	

ACCESSORIES

Installation Accessories







WC8700

Outer casing for flush installation in solid ceilings

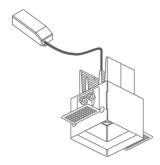
WC8703

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

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