2325 G2 C07 18/10/ML-830 ET
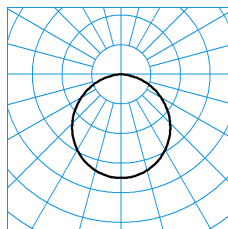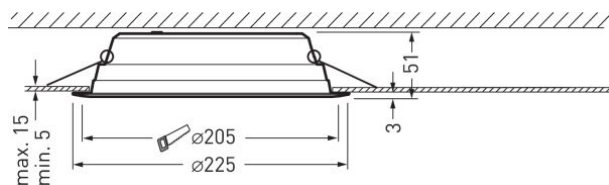## Planar LED downlight

TOC: 7375840

Product description

Luminaire type
LED downlight for ceilings with cavity dimensions ≥ 50 mm. Luminaire with double Multi-Lumen equipment.

Mounting methods
Tool-free ceiling installation via rapid-mounting springs. Cut-out opening Ø 205 mm, Recess depth 50 mm.

Optical system
With opal PMMA cover. With symmetric wide light intensity distribution.

LED system
Luminaire with settable rated luminous flux 1000 lm / 1800 lm. Rated power according to set luminous flux 10,00 W / 17,00 W. luminous efficiency of luminaire 100 lm/W. Light colour warm white, correlated colour temperature (CCT) 3000 K, general colour rendering index (CRI) R $_a$ > 80. Colour locus tolerance (initial MacAdam) ≤ 5 SDCM, Mean rated service life L65(t $_q$ 25 °C) = 50,000 h.

Luminaire body
Luminaire body of PC. Ceiling ring powder-coated white (RAL 9016). External dimensions of ceiling ring Ø 225 mm, luminaire height 51 mm. Weight: 0,6 kg. Permissible ambient temperature (ta): -20 °C - +25 °C. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP20, impact resistance level in accordance with IEC 62262: IK02, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C.

Electrical version
With electronic transformer, switchable. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. The luminaire is also ENEC-certified by an independent testing authority.

Product features and key data

Luminaire type	LED downlight for ceilings with cavity dimensions ≥ 50 mm.	
Luminaire optic	With opal PMMA cover.	
LED-System	Luminous flux (level 0)	Luminous flux (level F)
Connected load	10 W	17 W
Colour temperature	3.000 K	3.000 K
Rated luminous flux	1.000 lm	1.800 lm
Luminous efficacy	100 lm/W	105 lm/W
Interchangeability lightsource	No - Electrical safety	
Service life	L65 (25 °C) = 50.000 h	
Colour rendering index	80	
Colour tolerance	5 SDCM	
Photobiological class	Group 1 - no risk	
Luminaire colour	RAL9016 Traffic white	
Luminaire body	Luminaire body of PC.	
Electrical version	With electronic transformer, switchable.	
Wire diameter	1,50 mm²	
Connection method	Plug-in terminal	

Product features and key data

Mains frequency	50/60 Hz
Mains voltage	220 - 240 V
Total harmonic distortion < %	14 %
Ingress Protection (IP) rating	IP20
Protection rating on room side	IP44
Protection class	I
Impact resistance (IK)	IK02
Hot wire resistance	650 °C
Ambient temperature	25 °C
Max. Luminaires B10	13
Max. Luminaires B16	22
Max. Luminaires C10	24
Max. Luminaires C16	39
Net height	51 mm
Outside diameter	225 mm
Recess depth	50 mm
Weight	0,6 kg
Recessing diameter	205 mm

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