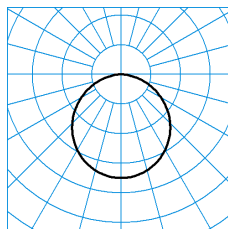
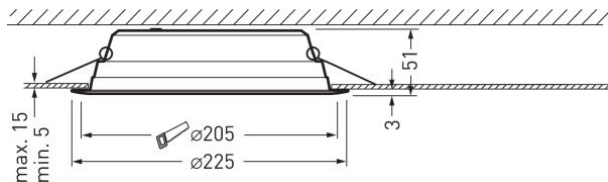


# 2325 G2 C07 18/10/ML-840 ET

## Planar LED downlight

TOC: 7375740



## Product description

### Luminaire type

LED downlight for ceilings with cavity dimensions  $\geq 50$  mm. Luminaire with double Multi-Lumen equipment.

### Mounting methods

Tool-free ceiling installation via rapid-mounting springs. Cut-out opening  $\varnothing 205$  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 neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI)  $R_a > 80$ . Colour locus tolerance (initial MacAdam)  $\leq 5$  SDCM, Mean rated service life  $L_{65}(t_q 25^\circ\text{C}) = 50,000$  h.

### Luminaire body

Luminaire body of PC. Ceiling ring powder-coated white (RAL 9016). External dimensions of ceiling ring  $\varnothing 225$  mm, luminaire height 51 mm. Weight: 0,6 kg. Permissible ambient temperature ( $t_a$ ):  $-20^\circ\text{C} - +25^\circ\text{C}$ . 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:  $650^\circ\text{C}$ .

### 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

<b>Luminaire type</b>	LED downlight for ceilings with cavity dimensions $\geq 50$ mm.	
<b>Luminaire optic</b>	With opal PMMA cover.	
<b>LED-System</b>	Luminous flux (level 0)	Luminous flux (level F)
<b>Connected load</b>	10 W	17 W
<b>Colour temperature</b>	4.000 K	4.000 K
<b>Rated luminous flux</b>	1.000 lm	1.800 lm
<b>Luminous efficacy</b>	100 lm/W	105 lm/W
<b>Interchangeability lightsource</b>	No - Electrical safety	
<b>Service life</b>	$L_{65}(25^\circ\text{C}) = 50.000$ h	
<b>Colour rendering index</b>	80	
<b>Colour tolerance</b>	5 SDCM	
<b>Photobiological class</b>	Group 1 - no risk	
<b>Luminaire colour</b>	RAL9016 Traffic white	
<b>Luminaire body</b>	Luminaire body of PC.	
<b>Electrical version</b>	With electronic transformer, switchable.	
<b>Wire diameter</b>	1,50 mm <sup>2</sup>	
<b>Connection method</b>	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