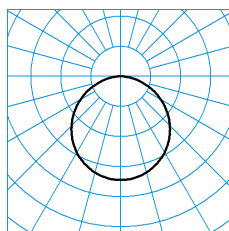
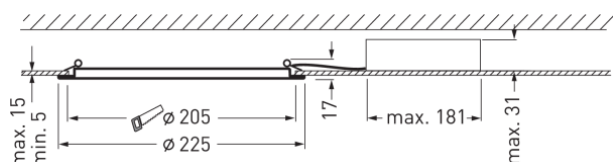


2325 C07 OA LED1800-840 ETDD

Planar LED downlight

TOC: 7241651



Product description

Luminaire type

LED downlight for ceilings with cavity dimensions 35 mm

Mounting methods

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

Optical system

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

LED system

Luminaire luminous flux 1800 lm, connected load 22,00 W, luminous efficiency of luminaire 82 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 80$. Mean rated service life $L70(t_q 20\text{ }^\circ\text{C}) = 35,000\text{ h}$.

Luminaire body

Luminaire body of PC. Ceiling ring powder-coated white (RAL 9016). Luminaire diameter Ø 225 mm, luminaire height 17mm. Permissible ambient temperature (ta): -20 °C - +25 °C.

Electrical version

With electronic transformer, digitally dimmable (DALI). The luminaire is also ENEC-certified by an independent testing authority.

Touch-DIM capability:

The Touch-DIM function enables switching and dimming of the luminaire by means of a push-button via the DALI conductor pair. Primarily designed to control a single luminaire, up to 4 luminaires can be also controlled together with consideration of the total cable length (maximum of 25 m from push-button to farthest luminaire). In principle, malfunctions in the form of asynchronism may occur due to disturbances on the building side despite observance of the specified general conditions.

TRILUX recommends the use of specially suitable DALI controllers and DALI repeaters to reliably implement the requirement of a Touch-DIM function for several luminaires.

Product features and key data

Luminaire type	LED downlight for ceilings with cavity dimensions 35 mm
Luminaire optic	With opal PMMA cover.
Connected load	22 W
Colour temperature	4.000 K
Rated luminous flux	1.800 lm
Luminous efficacy	82 lm/W
CEN flux code	46 78 95 100 100 0 0 0 0
Service life	$L70(20\text{ }^\circ\text{C}) = 35.000\text{ h}$
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.

Product features and key data

Electrical version	With electronic transformer, digitally dimmable (DALI).
Connection method	Terminal
Wire diameter	1,50 mm ²
Monitoring Ready	No
Mains frequency	50/60 Hz
Mains voltage	220 - 240 V
Ingress Protection (IP) rating	IP20
Protection rating on room side	IP44
Protection class	II
Impact resistance (IK)	IK02
Hot wire resistance	650 °C
Ambient temperature	25 °C
Net height	17 mm
Outside diameter	225 mm
Weight	0,5 kg
Recessing diameter	205 mm