

Product data sheet

Brightness controller mini



Reference number

2096 LUX

KNX brightness controller mini

with integrated BCU

ETS product family: Physical sensors

Product type: Brightness

Intended use

- Measurement and control of lighting in interiors or in protected exteriors
- Clamp mounting in suspended ceilings
- Ceiling installation on fixed ceilings in flush box with dimensions according to DIN 49073 with flush mounting set (ref.-no.: PMM-UP-SET-WW)
- Surface-mounted ceiling installation with surface mounting set (ref.-no.: PMM-AP-SET-WW)

Product characteristics

- Asymmetrical measuring surface
- Integrated bus coupling unit
- Integrated brightness sensor
- Brightness sensor function with 3 limiting values
- Brightness limiting values (3 channels) with output functions switching, value transmitter and scene extension
- Light control with max. 3 channels, setpoint adjustment in operation, separate configuration of dimming-up, control and dimming-down phase
- On-off control possible for switch actuators
- Power supply via bus voltage

Technical data

KNX medium:	TP 256
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	max. 10 mA
Connection, KNX:	connection terminal
Protection class:	III
Ambient temperature:	-25 ... +55 °C
Stora/transport temperature:	-25 ... +70 °C
Relative humidity:	10 ... 100 % (no condensation)
Degree of protection:	IP 44
Ceiling cut-out (Ø x D):	44 x 35 mm
Dimensions (Ø x H):	53.5 x 38 mm (with design ring)
Max. thickness of the suspended ceiling:	approx. 25 mm
Installation depth:	min. 35 mm
Distance between concrete ceiling and suspended ceiling:	min. 20 mm
Design ring Ø inside:	35.6 mm
Design ring Ø outside:	53.5 mm
Aufbauhöhe Designring:	1.8 mm
Aufbauhöhe Linse:	5.5 mm
Brightness measurement	

Measuring range:	10 ... 2,000 lx
Accuracy (> 80 lx):	± 5 %
Accuracy (≤ 80 lx):	± 10 lx

Colour:
white

 Degree of protection IP 44 is ensured.