

## SCN-LSD01.01

**KNX Brightness Sensor/Controller with constant light control, flush mounted**



### Product description:

Installation of the MDT Light Sensor/Controller is conducted with the provided 35 mm Kaiser installation box. The measured lux values can be used in the integrated threshold switch or processed further via the KNX bus. The constant light control can control up to 3 light bands (wall, room centre, window) to a defined lux value. Different lux values are possible for day and night operation.

### Product functions:

- **Constant light control for up to 3 rows of luminaires**
- Brightness value readable over the KNX BUS
- Orientation light function (brightness and time selectable)
- **Day/Night function**
- **35 mm Kaiser installation box included with the delivery (Installation depth 45 mm)**
- Dimensions (H x W x D): 43 x 43 x 30 mm
- Integrated Bus coupler

## Technical data:

<b>Device</b>	Device type	SCN Light Sensor
	Article Number	SCN-LSD01.01
	EAN / GTIN	4251916111823
	Colour	Pure White, matt finish
	Diameter	42 mm
	Depth	46 mm
	Weight, gross (incl. packaging)	0.053 kg
	Protection classification	IP20
	Installation type	Flush mounted *1
	Included carrying ring	Carrying ring A
	Drilling diameter	35 mm
	Recommended installation height	2 ... 4 m
	Weight, net	0.028 kg
	<b>Operation</b>	Number of LEDs
<b>Inputs</b>	Number of sensors	1
	Dynamic range	5 ... 1000 Lux
<b>Outputs</b>	Constant light control	Yes, up to 3 light bands
	Orientation light function	Yes
<b>KNX</b>	Nominal voltage KNX	30 V DC SELV
	Voltage range KNX	21 ... 31 V DC SELV
	Typical power consumption KNX bus	< 0,3 W
	KNX Medium	TP-256
	KNX Application	as of ETS 5 (latest)
<b>Environmental conditions</b>	Ambient operating temperature	0 ... 40 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
	Condensation permissible	No
<b>Connections</b>	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

\*1 For ceiling installation in the supplied 35 mm Kaiser installation box.

## Wiring diagram:



## Dimensional drawing: Illustration in Kaiser mounting box

