

Simple description of factory default settings

- DSI control signal is sent from the basicDIM ILD to Tridonic one4all drivers.
- When connecting the luminaire to mains 230 V, the luminaire turns on at 70% light-level. This is also valid after mains interruption.
- Presence detection is activated and the light automatically turns on or of depending if there are presence or not.
- 20 minutes after the last detected movement, the luminaire will switch off (time delay).
- Bright-out is activated and the lighting switches off as soon as the light level exceeds 150 % of the set point for longer than 10 minutes, for instance, if the room is adequately illuminated by sunlight. If the actual value falls below 100 % of the set point, the lighting switches back on again.
Example: If the nominal illuminance (e.g. 500 lux) is exceeded for 10 minutes by more than 150 % (e.g. 750 lux), the lighting is switched off even if motion is detected. The lighting is switched on again when the measured light value falls below the setpoint.
The bright-out function is displayed by a green status indication LED at the sensor.
- **Manual-off delay** - If the system is switched off manually via the switch or remote control the motion sensor is deactivated. At the end of a 10 minutes delay if motion has not been detected the motion sensor is activated again. If the sensor detects motion during the “Manual Off” delay, the time will be reset to the start.
If you during this time of 10 minutes wishes to turn on the system, you must do that manually via the switch or remote control.

Light measurement at the sensor head: 10-500 lux.

The measured value at the sensor head corresponds to approx. 15 to 2,000 lux on the surface measured.

Illuminance – (factory default): 150 lux.

The illuminance is set for a room defined by Tridonic. Depending on the actual room (reflectance) the measured illuminance may deviate from this value.

The illuminance should therefore be checked in the installation and adjusted if necessary.

When using a push to make switch:

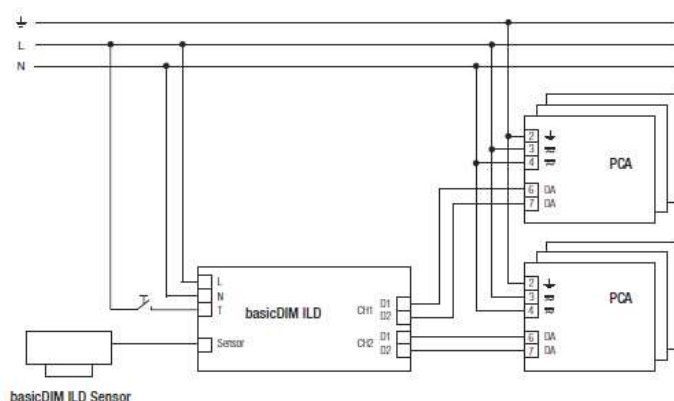
basicDIM ILD has an input terminal for an external switch. Any number of switches can be connected in parallel to the terminal. **Note:** Do not connect standard switches to the input.

Short press (> 50–600 ms):	ON/OFF
Long press (> 600 ms):	Dim up/down A change in the light value deactivates lighting regulation only temporarily. As soon as the luminaire has been automatically switched on again (motion detection) or manually switched off and on again, regulation is activated again.
2 x short press:	The overwritten setpoint light value is stored (luminaire acknowledges by flashing twice). Function is lockable via the DSI programmer

Tridonic basicDIM ILD

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Wiring diagram basicDIM ILD



User-definable parameters. Below values are the factory default settings.

Parameter	Range	Factory Setting	Description
light-level	1-100/max	70 %	Turns on at 70% light-level.
time delay	30 s – 60 min/con	20 min	Delay time after the last detected movement.
if vacant	off 30 s – 60 min/con	Off	The “off” setting switches the luminaire off after the delay time has elapsed.
P.I.R	active/inactive/off only	active	With the “active” setting, the lighting is automatically switched on or off depending whether a person is present.
bright-out	Yes/no	Yes	With the “yes” setting, the lighting switches off as soon as the light level exceeds 150 % of the set point for longer than 10 minutes, for instance, if the room is adequately illuminated by sunlight. If the actual value falls below 100 % of the set point, the lighting switches back on again.
Power up	On/off	On	With the “on” setting, the luminaire switches on after a mains break.
PTM Set	On/off	on	With the “on” setting, it is possible to save the currently set light level as a lighting control set point by pressing the momentary-action switch twice shortly.
DALlorDSI	DSI/DALI	DSI	With the “DSI” setting, DSI interface mode is enabled.
Offset Mode	fixed/converging	converging	This parameter specifies how the adjustable “Offset Value” of the basicDIM ILD behaves from channel 2 to channel 1 over the dimming range. With the “converging” setting, the previously set “Offset Value” remains the same up to a specific dimming level and decreases the closer one gets to 100%. (e.g., with an “Offset Value” of -30 %, the dimming level of channel 2 is 40 % and that of channel 1 is 70 %. but both channels simultaneously change to a dimming level of 100 % if the lighting is dimmed up).
Offset Value	0 to -70 %	-30%	Adjustable brightness difference between channel 2 and channel 1 of the basicDIM ILD.