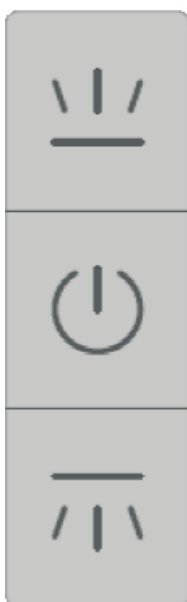


LINETIK

Operating manual



Functions of LINETIK

The functions of LINETIK lighting management guarantee high comfort at the workplace and can significantly reduce the energy consumption.

Constant light regulation

i The desired value for the illuminance can be changed and the constant light control activated/deactivated using the remote control.

The constant light control of the LINETIK lighting management automatically adapts the lighting to the lighting conditions at the workplace (sunshine, overcast sky, closed Venetian blinds). A **brightness sensor** compares the illuminance on the work area with an adjustable desired value for this. If illuminance is not sufficient, the lacking light quantity is adjusted upwards. If there is too much light, the luminaire is adjusted downwards. In doing so, the adjustment is performed with a certain inertia to prevent too fast and thus unpleasant change of the illuminance.

Motion detection

i The run-on time can be adjusted and the presence detection can be deactivated using the remote control.

The luminaire is switched on and off automatically using the motion detection. A passive **infra-red sensor** (PIR) monitors the detection range for this (diameter approx. 3.5 m). The luminaire is switched on automatically as soon as any person is located in the detection range. However, if the constant light control registers illuminance above the individually adjustable desired value, the luminaire remains in standby mode. If no person is registered in the detection range within an adjustable **run-on time** the luminaire automatically switches to the standby mode.

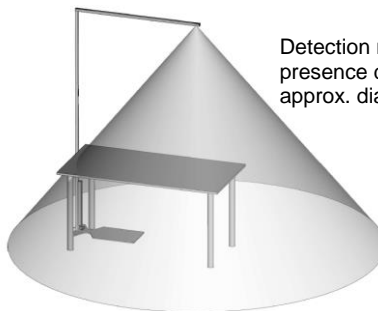
Lockout (Power-up) and Automatic

i The lockout can be activated/deactivated and switching between completely automatic and semi-automatic can be performed using the remote control.

The use of the luminaire at switchable power outlets can be optimised using the **lockout** (power-up). When Lockout is activated (Power-up Off), the luminaire remains in standby mode after any power failure until presence is detected or it is switched on manually. When Lockout is deactivated (Power-up On), the luminaire switches on automatically after any power failure. The LINETIK lighting management enables the **completely automatic operation** of luminaires at the workplace without any intervention of the user being necessary. When **semi-automatic** (PIR off only) is activated, the luminaire is in fact switched off during absence, however switching on the luminaire must be performed manually. As a result, maximum energy saving is possible. Unintended, automatic switching on (e.g. in areas near corridors) is prevented.

Luminaire set-up

i To ensure optimal functioning of the system, ensure that the sensors are allocated to the work area when setting up the luminaire.









Detection range of the presence detection approx. diameter 3.5 m

Operation



Status LED in the sensor
(flashes green or red)

The operation of LINETIK is performed using buttons on the luminaire:

Operation			
Switch on luminaire	 Briefly press key once		Status LED extinguishes
Switch off luminaire (standby)	 Briefly press key once		Status LED flashes green
Adjust illuminance manually (dim)	 Press and hold key until the desired illuminance level is set. (▶) This is saved as desired value of the constant light control and is reset again during standby		
Adjust illuminance separately manually (dim)		 Press and hold key until the desired illuminance level is set. (▶) This is saved as desired value of the constant light control and is reset again during standby	 Press and hold key until the desired illuminance level is set. (▶) Constant light control is temporary deactivated. Current dim level is kept and is reset again during standby.














▶ To change the direction of the adjustment, release the button and press again and keep pressed. After longer absence (hold time) or after any power failure, the programmed desired value for the constant light control is restored automatically.

Changing settings
















LINETIK can be parametrised using an IR remote control:



(Article no. 28000257
should be ordered separately)

Symbol	Name	Description
	ON	Switch-on of the luminaire
	OFF	Switch-off of the luminaire
	Dim up	Increase current dim level
	Dim down	Reduce current dim level
	Automatic mode	Luminaire switches on (if previously in standby) → light regulation is started (if not permanently deactivated)
	Set current light level	Store the brightness level currently measured by the sensor as target value for constant light control (press button >3s)
	Light level low	Setting of the ambient light control to a value of approx. 150 lx
	Light level middle	Setting of the ambient light control to a value of approx. 300 lx
	Light level high	Setting of the ambient light control to a value of approx. 500 lx
	Bright Out ON (default)	Activate Bright Out: The lighting switches off if the measured light value exceeds 150% of the desired value for more than 15 minutes. The lighting switches on again if the measured light value is below 100% of the desired value.
	Bright Out OFF	Deactivate Bright Out: The lighting always stays switched on irrespective of the measured light value.
	PIR inactive	Set motion detection inactive. The run-on time is also set to "infinite"
	PIR off only	Motion detection only reacts to absence → The lighting must be switched on manually (momentary-action switch, remote control). → The lighting switches off automatically during absence. The run-on time is also set to 20 minutes



	PIR active (default)	Activate motion detection → The lighting is automatically switched on and off depending on whether presence is detected The run-on time is also set to 20 minutes
	Time delay 1 min	Setting of the run-on time to 1 minute → Lighting is dimmed to the Sec. Level (absence value) 1 minute after the last motion detection
	Time delay 10 min	Setting of the run-on time to 10 minutes → Lighting is dimmed to the Sec. Level 10 minutes after the last motion detection
	Time delay 20 min	Setting of the run-on time to 20 minutes → Lighting is dimmed to the Sec. Level 20 minutes after the last motion detection
	If vacant 0 min	Setting of the switch-off delay to 0 minutes → Lighting is switched off immediately after the end of the run-on time
	If vacant 1 min	Setting of the switch-off delay to 1 minute → Lighting is switched off 1 minute after the end of the run-on time
	If vacant 30 min	Setting of the switch-off delay to 30 minutes → Lighting is switched off 30 minutes after the end of the run-on time
	If vacant continuous	Setting of the switch-off delay to "infinite" (neverOFF) → Lighting is not switched off after the end of the run-on time
	Sec. Level 1%	Setting of the absence value to 1% = dim level, to which the lighting will be dimmed after expiry of the run-on time, only applicable if "if vacant" ≠ 0 min
	Sec. Level 10%	Setting of the absence value to 10% = dim level, to which the lighting will be dimmed after expiry of the run-on time, only applicable if "if vacant" ≠ 0 min
	Sec. Level 30%	Setting of the absence value to 30% = dim level, to which the lighting will be dimmed after expiry of the run-on time, only applicable if "if vacant" ≠ 0 min
	DSI	Press once: Deactivate test mode Press twice: Activate test mode (status LED flashes red) Press five times: Factory reset (direct light flashes for confirmation)
	DALI	Press once: Activate lighting control Press three times: Deactivate light control permanently (direct light flashes for confirmation)
	Power Up ON (default)	Mains power restored activated → Luminaire switches on again after a power failure
	Power Up OFF	Mains power restored deactivated → Luminaire does not switch on again after a power failure



To restore the factory settings, press the DSI button on the remote control five times.

Questions about LINETIK

For questions about LINETIK Lighting Management, please

contact: **Zumtobel Lighting INC**

3300 Route 9W

Highland

NY 12528-2630

For general information about our products, please refer to our website, www.zumtobel.us or contact the respective contract partner. If you have any special questions, please contact your sales partner.

LINETIK Lighting Management FAQ

► Motion sensor does not function

- Dim value set too low, luminaire switches off
- Brightness in the room too high, luminaire switches off

► Light sensor does not function

- Automatic mode deactivated

► Setting of the dim value

- Do not influence or cover the light sensor when setting the dim value

► Luminaire switches itself on

- Lighting level in the room is below the set brightness value
- Motion sensor reacts to detected motion in the room
- Motion sensor reacts to a fast change of heat in the room
(for example, as well as persons, printers, radiators etc. can also be detected as motion)

► Luminaire does not switch on

- Check voltage supply of the luminaire
- Check mains adapter of the luminaire
- Luminaire or LINETIK Lighting Management defective
- **Recommendation:** Contact Service