Parameter settings

basicDIM DGC Programmer can be used to set parameters for the basicDIM DGC module. The following parameters are available:

1. Basic functions

NOTICE

If the basicDIM DGC is switched on with the ON button, the light control is deactivated. In order to use the light control, the basicDIM DGC must be started with the AUTO button.

Icon	Designation	Description
	ON	Switch luminaires on → Light regulation is deactivated
	OFF	Switch luminaires off

	Dim up	Increase current dimming level
	Dim down	Decrease current dimming level
	Automatic mode	Switch luminaire on or change to automatic mode → Light regulation is started
	Set current light level	Store the brightness level currently measured by the sensor as target value for constant light control (press button >3s)

2. Push to make switch functions

The abbreviation PTM stands for “push to make switch”.

Icon	Designation	Description
	PTM Set ON	Enable storage of target level via push to make switch input → double clicking the push to make switch at the push to make switch input allows storing the brightness level currently measured by the sensor as target level for constant light control
	PTM Set OFF	Disable storage of target level via push to make switch input → storing the target level via push to make switch input is not possible

3. Constant light control settings

NOTICE

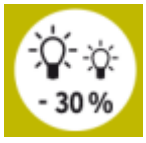
The light levels indicated are based on a standard room situation and may differ from the levels actually measured in the task area.

- Try all three light levels and select the one most suitable!

Icon	Designation	Description
	Light level low	Set ambient light control to a level of approx. 150 lx
	Light level middle	Set ambient light control to a level of approx. 300 lx
	Light level high	Set ambient light control to a level of approx. 500 lx

4. Offset settings

Use the Offset settings to specify and define in detail differences in brightness between the two channels.

Icon	Designation	Description
	Increase offset one step (5%)	Increase the difference in brightness between channel 2 and channel 1 by 5%
	Decrease offset one step (5%)	Decrease the difference in brightness between channel 2 and channel 1 by 5%
	Offset Value 0 %	Set the difference in brightness between channel 2 and channel 1 to 0 %
	Offset Value -30 %	Set the difference in brightness between channel 2 and channel 1 to -30 %

5. Bright Out settings

The Bright Out function defines how the ambient light control system will respond to additional illumination by sunlight or other light sources.

Icon	Designation	Description
	Bright Out ON	Switch on Bright Out: if the measured light level exceeds 150 % of the target level for more than 10 minutes, the light is switched off. If the measured light light level falls below 100% of the target level, the light is switched back on again.
	Bright Out OFF	Switch off Bright Out: The light remains switched on at all times, irrespective of the light level measured.

6. Remote control profiles

Icon	Designation
	Activate profile “single office”
	Activate profile “classroom”
	Activate profile “corridor”
	Activate profile “toilet”
	Activate profile “free-standing luminaire"
	Activate profile “test” You may use the Profile Test to check the profile you selected. All times relevant to the profile are reduced to 15 s. The Profile Test will automatically be terminated after 1 h, or by pressing the Auto key of the basicDIM DGC Programmer.

7. Neighborhood function

Icon	Designation	Description
	neighborhood function deactivated	No reaction on presence in other groups
	neighbourhood function activated	Presence in neighbourhood is like presence in own area
	neighbourhood function activated	Presence in neighbourhood is like absence in own area

⚠ CAUTION!

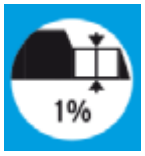
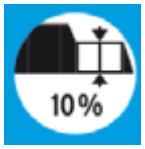
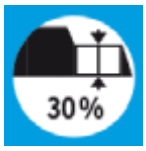
If you activate or deactivate the neighbourhood function with the programmer there will be only one neighbourhood group.

8. Presence detection profile settings

The abbreviation P.I.R. stands for “passive infrared”. This function is used to control presence detection.

Icon	Designation	Description
	P.I.R. inactive	Disable presence detection Run-on time is automatically set to "infinite"
	P.I.R. off only	Presence detection responds only to absence → light must be switched on manually (push to make switch, remote control) → if no persons are detected, light is switched off automatically

	P.I.R. active	Enable presence detection → light is switched on and off automatically based on the presence/absence of a person
	Time delay 1min.	Set run-on time to 1 minute → 1 minute after the last presence was detected, light is dimmed to Sec. Level
	Time delay 10min.	Set run-on time to 10 minutes → 10 minutes after the last presence was detected, light is dimmed to Sec. Level
	Time delay 20min.	Set run-on time to 20 minutes → 20 minutes after the last presence was detected, light is dimmed to Sec. Level
	Time delay automatic	Run-on time is automatically calculated by basicDIM DGC.
	If vacant 0min.	Set switch-off delay to 0 minutes → light is switched off immediately after run-on time has expired
	If vacant 1min.	Set switch-off delay to 1 minute → light is switched off 1 minute after run-on time has expired
	If vacant 30min.	Set switch-off delay to 30 minute → light is switched off 30 minutes after run-on time has expired
	If vacant "infinite" (neverOFF)	Set switch-off delay to “infinite” (neverOFF) → light is never switched off (keeps the absence level until presence is detected)

	Sec. Level 1%	Set the absence level to 1 % → dimming level to which the light is dimmed after the run-on time has expired; applies only if “if vacant” ≠ 0min
	Sec. Level 10%	Set the absence level to 10 % → dimming level to which the light is dimmed after the run-on time has expired; applies only if “if vacant” ≠ 0min
	Sec. Level 30%	Set the absence level to 30 % → dimming level to which the light is dimmed after the run-on time has expired; applies only if “if vacant” ≠ 0min

9. Interface operating mode settings

Icon	Designation	Description
	DALI	Select DALI Broadcast as interface operating mode
	DSI	Select DSI as interface operating mode

10. Return of power settings

Icon	Designation	Description
	Power Up ON	Return of power switched on → luminaire is switched on again after a mains break
	Power Up OFF	Return of power switched off → luminaire is not switched on again after a mains break