

# EasyAir SNS210

*Application Usecases*

**Priyanka Kumar**

BG LED

Q1 2020

For Offices

# Conference Room

In a meeting room area, lights are required to operate in automatic mode. It is desirable to have manual control via switches.

- Enable scene setting at group level such as presentation mode with a manual switch.
- Attendees would prefer that all lights go to maximum brightness i.e. Group Light Behaviour: Eco-on level

Configuration Parameter	Value
Field task level	100%
Eco on level	100%
Background light level	20%
Daylight based control	Disabled
Occupancy based control	Enabled
Occupancy mode	Auto on/Auto off
Group Occupancy Sharing	Enabled
Group Light Behaviour	Eco on Level
Hold time	15 min
Grace fading	10 sec
Prolong time	15 min
Infinite Prolong time	Disabled



# Corridor

In a typical corridor area, lights are required to remain switched on as long as there is an occupant in any of the close-by seating areas or meeting rooms.

- Increase hold time and prolong time

Configuration Parameter	Value
Field task level	100%
Eco on level	100%
Background light level	20%
Daylight based control	Disabled
Occupancy based control	Enabled
Occupancy mode	Auto on/off
Group Occupancy Sharing	Enabled
Group Light Behaviour	Background Light Level
Hold time	60 min
Grace fading	10 sec
Prolong time	60 min
Infinite Prolong time	Disabled





# Staircase

For staircase and elevator areas, lights are required to never switch off and operate at low dim level.

- Lower light levels
- Infinite Prolong time

Configuration Parameter	Value
Field task level	100%
Eco on level	80%
Background light level	5%
Daylight based control	Disabled
Occupancy based control	Enabled
Occupancy mode	Auto on/Auto off
Group Occupancy Sharing	Enabled
Group Light Behaviour	Background Light Level
Hold time	15 min
Grace fading	10 sec
Prolong time	-
Infinite Prolong time	Enabled



# Office Canteen

In a canteen or coffee area, lights are required to operate in automatic mode and remain switched on for a longer period. Manual control via switches is desired.

- Enable scene setting at group level such as celebration mode with a manual switch.
- Longer Prolong Time

Configuration Parameter	Value
Field task level	100%
Eco on level	100%
Background light level	20%
Daylight based control	Enabled
Occupancy based control	Enabled
Occupancy mode	Auto on/Auto off
Group Occupancy Sharing	Enabled
Group Light Behaviour	Background Light Level
Hold time	15 min
Grace fading	10 sec
<b>Prolong time</b>	<b>100 min</b>
Infinite Prolong time	Disabled





# Storage Room

In a storage area, lights are required to operate in automatic mode and switch off as soon as vacancy is detected.

- Short Hold Time and Prolong Time

Configuration Parameter	Value
Field task level	100%
Eco on level	100%
Background light level	20%
Daylight based control	Disabled
Occupancy based control	Enabled
Occupancy mode	Auto on/Auto off
Group Occupancy Sharing	Enabled
Group Light Behaviour	Background Light Level
Hold time	1 min
Grace fading	10 sec
Prolong time	7 min
Infinite Prolong time	Disabled



For Schools



# Classroom

In a typical classroom, lights are required to operate in automatic mode and switch off when students/teacher leave the room. Manual control via switches is desired.

- Enable a switch per zone e.g. general seating area could define a zone whereas board light could define another zone.

Configuration Parameter	Value
Field task level	100%
Eco on level	100%
Background light level	20%
Daylight based control	Enabled
Occupancy based control	Enabled
Occupancy mode	Auto on/Auto off
Group Occupancy Sharing	Enabled
Group Light Behaviour	Eco-on Level
Hold time	15 min
Grace fading	10 sec
Prolong time	15 min
Infinite Prolong time	Disabled



# Toilet Areas

In toilet areas, all individual lights should switch on Eco-on level.  
Daylight based dimming is not needed.

- Group Light Behaviour should enable all the lights to go to maximum light level

Configuration Parameter	Value
Field task level	100%
Eco on level	100%
Background light level	20%
Daylight based control	Disabled
Occupancy based control	Enabled
Occupancy mode	Auto on/off
Group Occupancy Sharing	Enabled
Group Light Behaviour	Eco-on Level
Hold time	15 min
Grace fading	10 sec
Prolong time	15 min
Infinite Prolong time	Disabled



# Corridor

In a typical corridor area, lights are required to remain switched on as long as there is an occupant in any of the close-by seating areas or meeting rooms.

- Increase hold time and prolong time

Configuration Parameter	Value
Field task level	100%
Eco on level	100%
Background light level	20%
Daylight based control	Disabled
Occupancy based control	Enabled
Occupancy mode	Auto on/off
Group Occupancy Sharing	Enabled
Group Light Behaviour	Background Light Level
Hold time	60 min
Grace fading	10 sec
Prolong time	60 min
Infinite Prolong time	Disabled

