### A-Level Detailed Function Tables

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
<th>Setting Range</th>
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<td>0% - 100%</td>
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### B-Level Detailed Function Tables

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<tr>
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### B-Level Programming Instructions

**PLEASE READ ALL 4 STEPS BEFORE PROGRAMMING**

1. **Select Application**
   - Press the "Function" button to select the application (e.g., "WallPod Dimming Adjustments").

2. **Select Function**
   - Use the "Function" button to select the desired function (e.g., "Follow Photocell Mode").

3. **Set Initial Setting**
   - Enter the initial setting value using the "Value" button and press enter.

4. **Set Final Setting**
   - Enter the final setting value using the "Value" button and press enter.

5. **Select Setting Mode**
   - Use the "Mode" button to select the setting mode (e.g., "Manual Override").

6. **Activate Programming**
   - Press the "Activate" button to activate the programming mode.

7. **Save Settings**
   - Press the "Save" button to save the settings.

8. **Restore Factory Defaults**
   - Press the "Restore" button to restore factory defaults.

**Note:**
- Setting precision of 0.1V is available via SensorView.
- Device status LED blinks out current value rounded to nearest selection above.

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**Additional Settings can be configured via SensorView software.**

**Indicates Factory Default**

**Indicates Factory Default**

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**Forced Override**

1 = Auto to Override Off

2 = Manual to Override On

3 = Override Off

**Special Operating Mode**

1 = Ignore Offs

2 = Auto to Override On

3 = Manual to Override On

4 = Manual to Auto

**Maintain Dim Level When Vacant**

1 = Enabled

2 = Enabled (Pos/Neg)

3 = Enabled (n80)

**Photocell Temp. Override**

1 = Enabled

2 = Enabled (Pos/Neg)

3 = Enabled (n80)

**Occupancy Expiration of Manual Off**

1 = Enabled

2 = Enabled (Pos/Neg)

3 = Enabled (n80)

**Occupancy Expiration of Manual Off**

1 = Enabled

2 = Enabled (Pos/Neg)

3 = Enabled (n80)

**Timed Expiration of Manual Off**

1 = 5 sec*

2 = 10 sec*

3 = 15 sec*

4 = 20 sec*

5 = 30 sec*

6 = 60 sec*

**WallPod Dimming Adjustments**

- **Follow Photocell Mode**
- **Switch Tracking Channel**
- **Photocell Tracking**
- **Occupancy Tracking**
- **Lumen Compensation**

**Restore Factory Defaults**

- **Manual Override**

**Dimming Rate**

1 = 1 sec

2 = 2 sec

3 = 3 sec

4 = 4 sec

5 = 5 sec

6 = 10 sec

7 = 20 sec

8 = 30 sec

9 = 60 sec

10 = 120 sec

**Predictive Grace Time**

1 = 1 sec

2 = 2 sec

3 = 3 sec

4 = 4 sec

5 = 5 sec

6 = 10 sec

7 = 20 sec

8 = 30 sec

9 = 60 sec

10 = 120 sec

**Predictive Exit Time**

1 = 1 sec

2 = 2 sec

3 = 3 sec

4 = 4 sec

5 = 5 sec

6 = 10 sec

7 = 20 sec

8 = 30 sec

9 = 60 sec

10 = 120 sec

**Manual On (Semi-Auto) Grace Period**

1 = 1 sec

2 = 2 sec

3 = 3 sec

4 = 4 sec

5 = 5 sec

6 = 10 sec

7 = 20 sec

8 = 30 sec

9 = 60 sec

10 = 120 sec

**Maintain Dim Level When Vacant**

1 = Enabled

2 = Enabled (Pos/Neg)

3 = Enabled (n80)

**Photocell Tracking**

1 = Enabled

2 = Enabled (Pos/Neg)

3 = Enabled (n80)

**Occupancy Tracking**

1 = Enabled

2 = Enabled (Pos/Neg)

3 = Enabled (n80)

**Forced Override**

1 = Enabled

2 = Enabled (Pos/Neg)

3 = Enabled (n80)

**Switch Tracking**

1 = Enabled

2 = Enabled (Pos/Neg)

3 = Enabled (n80)

**Predictive Grace Time**

1 = 1 sec

2 = 2 sec

3 = 3 sec

4 = 4 sec

5 = 5 sec

6 = 10 sec

7 = 20 sec

8 = 30 sec

9 = 60 sec

10 = 120 sec

**Switch Tracking**

1 = Disable

2 = Enable

**Restore Factory Defaults**

1 = Restore

2 = Factory

3 = Defaults

**Follow Photocell Mode**

1 = Follow

2 = Photocell

**Switch Tracking Channel**

1 = Switch

2 = Tracking

**Photocell Tracking**

1 = Photocell

2 = Tracking

**Occupancy Tracking**

1 = Occupancy

2 = Tracking

**Lumen Compensation**

1 = Lumen

2 = Compensation

**Average Dim Level**

1 = Average

2 = Dim Level
A-LEVEL FUNCTION DEFINITIONS

1. LUMINARIES COMPENSATION

An algorithm that tracks the LED lumen output over the system life. The length of time after last lights are cycled, whether they revert automatically or have been manually adjusted will be monitored. The channel on which the luminaire receives photocell information will be automatically determined. This is an adjustable value which is always a multiple of 5 minutes. For example, 5 minute cycles are always a multiple of 5 minutes.

2. SWITCH TRACKING CHANNEL

The channel on which the luminaire receives photocell information and reports to the network. The length of time after last lights are cycled, whether they revert automatically or have been manually adjusted will be monitored. The channel on which the luminaire receives photocell information will be automatically determined. This is an adjustable value which is always a multiple of 5 minutes. For example, 5 minute cycles are always a multiple of 5 minutes.

3. IDLE TIME UNTIL DIM

The time period after manually switching lights off for the occupant to leave the space. When in Manual On (Semi-Auto) mode (Function B-18), the time period after lights are cycled, whether they revert automatically or have been manually adjusted will be monitored. The channel on which the luminaire receives photocell information will be automatically determined. This is an adjustable value which is always a multiple of 5 minutes. For example, 5 minute cycles are always a multiple of 5 minutes.

4. PREDICTIVE GRACE TIME

The percentage of controllable dimming range up to which lights are automatically turned off that they can be reactivated with movement (valid for Special Mode only). When enabled, operation of device will revert from a push-button triggered override mode once Auto On has expired. When output is at low end trim, the reported control percentage will be 0%. Corresponding lumen output % is dependent on ballast/driver capabilities. Raising setting above factory default is not recommended as default is optimized to driver control range.

5. PREDICTIVE EXIT TIME

The percentage of controllable dimming range to which lights are automatically turned off that they can be reactivated with movement (valid for Special Mode only). When enabled, operation of device will revert from a push-button triggered override mode once Auto On has expired. When output is at low end trim, the reported control percentage will be 0%. Corresponding lumen output % is dependent on ballast/driver capabilities. Raising setting above factory default is not recommended as default is optimized to driver control range.

6. MANUAL TO TIMED OVERRIDE ON

A channel that allows the user to manually enter a pre-determined period (adjustable via SensorView) for nLight enabled luminaire(s) to change to Override On (Full Auto) or Auto On. When output is at low end trim, the reported control percentage will be 0%. Corresponding lumen output % is dependent on ballast/driver capabilities. Raising setting above factory default is not recommended as default is optimized to driver control range.

7. MANUAL TO TIMED OVERRIDE OFF

A channel that allows the user to manually enter a pre-determined period (adjustable via SensorView) for nLight enabled luminaire(s) to change to Override Off (Manual On) or Auto Off. When output is at low end trim, the reported control percentage will be 0%. Corresponding lumen output % is dependent on ballast/driver capabilities. Raising setting above factory default is not recommended as default is optimized to driver control range.

8. OVERRIDE OFF

The percentage of the controllable dimming range to which lights are automatically turned off that they can be reactivated with movement (valid for Special Mode only). Special Mode is at override off state for a pre-determined period (adjustable via SensorView) or push-button) expires. Not used with Manual On operating modes. The channel on which the luminaire receives photocell information will be automatically determined. This is an adjustable value which is always a multiple of 5 minutes. For example, 5 minute cycles are always a multiple of 5 minutes.

9. OVERRIDE ON

The percentage of the controllable dimming range up to which lights are automatically turned off that they can be reactivated with movement (valid for Special Mode only). Special Mode is at override on state. Override Off is at override on state. When output is at low end trim, the reported control percentage will be 0%. Corresponding lumen output % is dependent on ballast/driver capabilities. Raising setting above factory default is not recommended as default is optimized to driver control range.

10. RESTRICTED FACTORY DEFAULTS

Removes all functions to original setting.

B-LEVEL FUNCTION DEFINITIONS

1. NAME UNIT OR NUMBER

Assigns a number to the unique device name visible in SensorView. Useful during commissioning.

2. MANUAL ON (SEMIAUTO) GRACE PERIOD

When in Manual On (Semi-Auto) mode (Function B-18), the time period after lights are cycled, whether they revert automatically or have been manually adjusted will be monitored. The channel on which the luminaire receives photocell information will be automatically determined. This is an adjustable value which is always a multiple of 5 minutes. For example, 5 minute cycles are always a multiple of 5 minutes.

3. PREDICTIVE GRACE TIME

The percentage of controllable dimming range up to which lights are automatically turned off that they can be reactivated with movement (valid for Special Mode only). When enabled, operation of device will revert from a push-button triggered override mode once Auto On has expired. When output is at low end trim, the reported control percentage will be 0%. Corresponding lumen output % is dependent on ballast/driver capabilities. Raising setting above factory default is not recommended as default is optimized to driver control range.

4. PREDICTIVE EXIT TIME

The percentage of the controllable dimming range up to which lights are automatically turned off that they can be reactivated with movement (valid for Special Mode only). When enabled, operation of device will revert from a push-button triggered override mode once Auto On has expired. When output is at low end trim, the reported control percentage will be 0%. Corresponding lumen output % is dependent on ballast/driver capabilities. Raising setting above factory default is not recommended as default is optimized to driver control range.

5. UNRESTRICTED FACTORY DEFAULTS

Removes all functions to original setting.