SiteWorx Daylight Harvesting Calibration Request

Worksheet

This worksheet reviews the requirements for a successful SiteWorx Daylight Harvesting Calibration. The calibration occurs remotely and automatically, and entails special requirements and considerations, so please complete this form carefully. **Failure to properly understand requirements can result in facility downtime and safety hazards, so it is essential that this form be reviewed by appropriate onsite staff**. Questions can be directed to SiteWorx Operations or your reseller.

This worksheet must be completed and returned to SiteWorx Operations at least **1 week** prior to the requested calibration date. Email directly to **SiteWorxOps@siteworx.io**.

A. Calibration Background

Daylight Harvesting is an advanced feature of the SiteWorx Tune lighting control application. It allows facilities to save up to an additional 30% of lighting energy normally consumed by LED lighting luminaires during daylight operating hours. The feature enables intelligent lighting sensors to automatically detect ambient sunlight shining through skylights and dim their light output accordingly. The level to which the light level and energy usage is reduced must be calibrated one time and is equal to the light output detected when there is no ambient light present (when it's dark outside).

Suppose the active light level is later changed in the SiteWorx Tune software (for instance, from an Active Level of 100% to an Active Level of 80%). In that case, the target Daylight Harvesting level will automatically adjust to match the new desired output – no additional calibration is required.

Calibration must occur during the overnight hours when it is dark outside. The process consists of the SiteWorx software automatically taking over control of all lighting sensors and luminaires and overriding them to 100% output with no dimming. Each luminaire will then dim down to 1% and 0% output, then reset to 100% output. All settings will be saved and reapplied after calibration completes. However, the user cannot make any lighting changes during the calibration process.

The process takes approximately 15 seconds per luminaire, so be sure to consider this when selecting a start time. Since users will not have control of the luminaires, which will be dimming down to 0% as part of the calibration, we recommend the facility be unoccupied during the calibration for safety reasons. Additionally, the following conditions must be met to ensure proper calibration levels:

- Lighting network gateways and luminaires will remain powered during the desired calibration time.

- All luminaires, gateways, and lighting sensors are communicating with SiteWorx.

- The facility is set up in its final configuration — equipment & floor surfaces are installed and product in place (in warehousing applications).

B. Site Information

Org URL:

Site and Area Name:

Onsite Contact Name:

Onsite Contact Phone:

Onsite Contact Email:

Part III: Calibration Information

Requested Calibration Date[1]:

Requested Calibration Start Time[2]:

Dim-to-Off[3] (check one):   ENABLED /   DISABLED

[1] One-week notice required.

[2] **SPECIFY TIME LOCAL TO THE SITE**; must be dark outside.

[3] Enabling Dim-to-Off allows luminaires to dim to 0% and save the most energy possible but can generate false complaints of malfunctioning luminaires from workers unaware of the technology. If Dim-to-Off is disabled, luminaires will dim to 1% as a minimum even when there is enough ambient light for them to be at 0% output.

Part IV: Certification

By signing below, you certify the information on this form is correct and SiteWorx Software should schedule and perform the calibration. Further, you certify you have made proper arrangements to support the requested date and time and are authorized to submit this form to SiteWorx Software.

Signature:

Date:

Printed Name:

Company / Title:

Phone:

Email:

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