

# INSTALLATION INSTRUCTIONS

## LUMINAIRE WITH AUTOMATIC PROFILE DIMMING (APD)

**IMPORTANT: READ ALL INSTRUCTIONS BEFORE PERFORMING ANY WORK. BE SURE ALL POWER IS OFF PRIOR TO INSTALLING LUMINAIRES.**

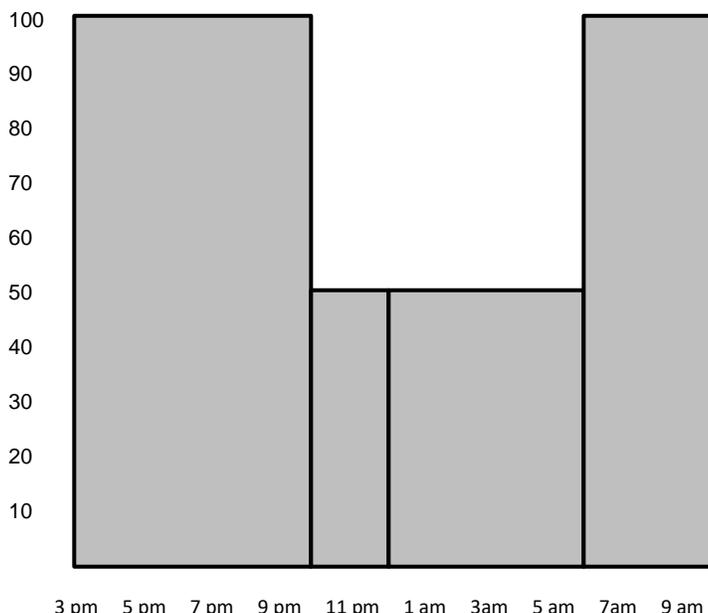
**WARNING: FIXTURE MUST BE GROUNDED IN ACCORDANCE WITH APPROPRIATE CODES. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY.**

NOTE: THIS INSTALLATION INSTRUCTION SHEET IS FOR AUTOMATIC PROFILE DIMMING.

-LUMINAIRE WITH APD IS A LAMP(S) CONTROL DEVICE THAT ENABLES HIGH ENERGY SAVINGS WITHOUT ANY INSTALLATION EFFORT. INSTALL THE LUMINAIRE WITH THE CORRECT LINE VOLTAGE AND WAIT FOR THREE DAYS UNTIL THE DIMMING PROFILE IS CALIBRATED.

-THE APD OPTION WORKS THROUGH A SIGNIFY ADVANCE DEVICE CALLED THE DYNADIMMER. IT IS A STAND-ALONE LUMINAIRE BASED DEVICE WHICH CONTROLS THE 1-10V LED DRIVER. ONCE THE DYNADIMMER DETECTS ANY VOLTAGE IT SWITCHES THE OUTPUT FROM 50% STANDARD ILLUMINATION TO 100%.

-THE LUMINAIRE-APD HAS NO INTERNAL CLOCK AND USES A NIGHT TIME MIDPOINT CALCULATION TO DETERMINE THE ABSOLUTE TIME. THE MIDPOINT IS CALCULATED AS THE MIDDLE POINT BETWEEN THE "SWITCH ON" POINT AND "SWITCH OFF" POINT.



**FIGURE 1**

-THE DYNADIMMER NEEDS TWO NIGHTS TO CHECK CONSISTENCY OF DURATION OF BOTH NIGHTS (ON/OFF WITHIN 1 HOUR BOTH NIGHTS). THE DIMMING SCHEDULE WILL START TO OPERATE ON THE THIRD NIGHT AFTER INSTALLATION.

-THE LUMINAIRE-APD IS PREPROGRAMMED AT THE FACTORY. THE PROGRAM DIMS THE LIGHT 50% 2 HOURS BEFORE THE NIGHT TIME MIDPOINT AND 6 HOURS AFTER THE NIGHT TIME MIDPOINT (SEE FIGURE 1).

**NOTE: APD WILL NOT ACTIVATE UNTIL THE THIRD NIGHT.**

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