



Daylighting Controls

Integrated On/Off Photocell and Controller

KEY FEATURES

- Integrated photocell and controller
- Flexible control options
- 2-50 foot candle adjustment range
- Two set points available for separate on and off levels
- Flat lens with 60-degree cone of response
- Two-year warranty



DLCINTPCC

OVERVIEW

Hubbell Building Automation’s DLCINTPCC is the ideal system for providing indoor lighting control based on natural daylight. The DLCINTPCC indoor photocell lighting control system automatically signals a power output device such as a motion sensor, building automation system or dedicated Hubbell Building Automation power pack to switch indoor electrical lighting in response to changes in natural daylight. The DLCINTPCC consists of an integrated control module and photo sensor that continuously monitors changing light levels and compares the signal against the LOW and HIGH light level set points. When the sensor detects decreasing light levels that corresponds with the LOW set point, a signal is sent to the host output device (e.g. motion sensor) to close its relay and switch the lights on. Conversely, as light levels increase and the sensor’s signal matches the HIGH set point, the lights are switched OFF.

FEATURES and BENEFITS

Features

Benefits

Integrated photocell and controller

- Easy to install and configure
- Mounts in standard switch box

Flexible control options

- Works with motion sensors, building automation systems or dedicated power packs

2-50 foot candle adjustment range

- Light level range can be easily adjusted

Two set points available for separate on and off levels

- Prevents system oscillation

Flat lens with 60-degree cone of response

- Provides increased light measurement performance

APPLICATIONS

- Offices
- Corridors
- Lobbies
- Perimeter lighting
- Classrooms

SPECIFICATIONS

Power Requirements	<ul style="list-style-type: none">• 24 VDC (from motion sensor power pack or 24 VDC auxiliary signal from a building automation system)
Operating environment	<ul style="list-style-type: none">• Indoor use only
Construction	<ul style="list-style-type: none">• Sensor is mounted on a wall switch faceplate
Size & Weight	<ul style="list-style-type: none">• Faceplate Size: 4.5" height x 2.75" width
Color	<ul style="list-style-type: none">• White
Mounting	<ul style="list-style-type: none">• Installs in a standard wall switch box. Ceiling installations provide the best performance.
Warranty	<ul style="list-style-type: none">• 2 years

HOW TO ORDER

Catalog Number	Description
DLCINTPCC	Integrated Photocell and Controller

Example: Integrated photocell and controller for controlling lighting loads based on natural daylight: DLCINTPCC



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