



## Daylighting Controls *The Daylight Tracker™*

### KEY FEATURES

- Low voltage daylight control
- Adaptive photoelectric light level sensor
- Fully adjustable time delay
- Programmable
- Compatible with new lighting systems
- Contemporary ceiling mount design
- UL and cUL listed
- Five-year warranty



Daylight Tracker™

### OVERVIEW

Hubbell Building Automation’s Daylight Tracker™ – DT is a unique photo-sensing device that utilizes available daylight, saving on energy costs in rooms that are adequately lit. When installed, sufficient daylight will automatically signal the Tracker to selectively deactivate the lighting. A dimming unit, Model DTD senses ambient light and dims IC controllable electronic ballasts through 0-10V available signals according to changes in daylight and lamp lumens. The DTD automatically dims lighting to maintain preset light level conditions.

### FEATURES and BENEFITS

#### Features

Adaptive photoelectric light level sensor

Fully adjustable time delay

Programmable

#### Benefits

• Increases energy savings by dimming lights when there is sufficient natural light.

• More control over when lights dim (e.g. cloudy areas would require a longer delay)

- Provides incremental foot candle setting to eliminate time consuming field calibration and inconvenient after hour adjustments
- Reduces energy usage by activating lights at predetermined foot candle levels in specified areas only when artificial light is necessary

### APPLICATIONS

- Atriums
- Entrance ways
- Windowed offices
- Breeze ways
- Task lighting

## SPECIFICATIONS

Timer	<ul style="list-style-type: none"><li>Fully adjustable time delay: 3 minutes to 15 minutes</li></ul>
Operating environment	<ul style="list-style-type: none"><li>0°F – 100°F (-18°C – 38°C)</li></ul>
User Interface	<ul style="list-style-type: none"><li>Dip switch selection of preset light level</li><li>Bypass override available</li></ul>
Indicators	<ul style="list-style-type: none"><li>Red and green LED status indicators</li></ul>
Sensitivity	<ul style="list-style-type: none"><li>Factory calibrated foot-candle settings</li><li>10 - 250FC</li></ul>
Construction	<ul style="list-style-type: none"><li>High enclosure with metal base</li></ul>
Input voltage	<ul style="list-style-type: none"><li>DT: 24 VDC, 10mA (requires Hubbell Building Automation power pack – not included)</li><li>DTD: 0-10 VDC, 10.5 VDC supply from ballast</li></ul>
DTD	<ul style="list-style-type: none"><li>Dimmer control to maintain present lighting levels</li><li>Controls up to 50 ballasts</li><li>Compatible with 0-10V DC IC controllable ballasts</li><li>Does not require a power/switch pack</li></ul>
Size & Weight	<ul style="list-style-type: none"><li>4.72”L x 2.76”W x 1.10”D (119.9mm L x 70.1mm W x 27.9mm D)</li></ul>
Color	<ul style="list-style-type: none"><li>White</li></ul>
Mounting	<ul style="list-style-type: none"><li>Single gang box</li></ul>
Certifications	<ul style="list-style-type: none"><li>UL and cUL Listed</li></ul>
Warranty	<ul style="list-style-type: none"><li>5 years</li></ul>

## HOW TO ORDER

Catalog Number	Description
DT	Daylight Tracker
DTD	Daylight Tracker Dimming

### Examples

- ON / OFF control of atrium lighting based on natural daylight: DT



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