

OVERVIEW

The nLight **nCMB ADC** Series photocell sensor provides automatic dimming control for daylight harvesting applications. Ideal for spaces with windows, such as vestibules, corridors, classrooms, or offices, the sensor works by first monitoring daylight conditions in a room. It then controls the lighting so as to ensure that adequate lighting levels are maintained. The **nCMB ADC** is capable of directly outputting to any 0-10 VDC dimmable ballast, or can control outputs on one or more dimming secondary packs (**nSP5 D**), dimming WallPods (**nPOD D**), or auxiliary dimming output devices (**nIO**). The **nCMB ADC** sensor can be used alone or together with occupancy sensors. Manual override or adjustment of the dimming level is possible via WallPod dimmers or through the SensorView software.

FEATURES

- Communicates w/ nLight Network
- Automatically Dims 0-10 VDC Ballasts Remotely Configurable/Upgradeable
- Works as Stand-alone Unit or with Occupancy Sensor
- Self-calibrating Set-Point
- Digital Set-Point Control
- Push-Button Programmable
- 100 Hr Lamp Burn-in Timer
- Green LED Indicator

SPECIFICATIONS

Size:	3 5/8" x 3 5/8" x 1 1/2" Deep (9.2 cm x 9.2 cm x 3.8 cm Deep)
Weight:	6 oz
Mounting:	1/2" knockout in fixture or junction box
Color:	White
nLight Network Ports:	2 RJ-45
Power Consumption:	< 3 mA
Wires:	20 AWG (2)

ROHS Compliant

Warranty

Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



nLight®

*nCMB ADC
Automatic Dimming Control
Photocell*

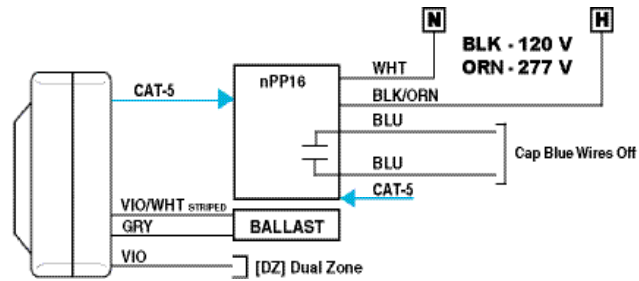


ORDERING INFORMATION

nCMB ADC		Example: nCMB ADC DZ
Series	Dual Zone	Temp/ Humidity
nCMB ADC Auto Dimming Control Photocell	[blank] None DZ Dual Zone	[blank] Standard LT Low temp

WIRING (DO NOT WIRE HOT)

Note: Sensor power is provided via the CAT-5 connection. T568B pin/pair assignment is recommended for all CAT-5 cables.



DEVICE SETTINGS

Several operational settings for the **nCMB ADC** are available:

- Override (Full Dim/Full Bright/Normal)
- Occupancy Tracking (Enable/Disable)
- Photocell Tracking (Enable/Disable)
- Switch Tracking (Enable/Disable)
- Occupancy Tracking Channel (1-16)
- Photocell Tracking Channel (1-16)
- Switch Tracking Channel (1-16)
- Button Mode (Enable/Disable)
- Idle Time Until Dim
- Automatic Set-point Calibration Mode
- Blink-back Set-point (in footcandles)
- 10's Digit of Set-point (0-200 fc)
- One's Digit of Set-point (0-9 fc)
- Dimming Range Upper Limit (0-10 VDC)
- Dimming Range Lower Limit (0-10 VDC)
- Dual Zone Dimming Offset (.5-10 VDC)
- Sunlight Discount Factor (1-8)
- 100 hr Burn-in Timer Mode (Enable/Disable)