PROGRAMMING INSTRUCTIONS

Please read all 3 steps before programming

- Enter a programming function by pressing button the number of times as the desired function number from the tables below (e.g., press six times for function 6, one's digit of set-point).
- LED will flash back the selected function's current setting (e.g., 5 flashes for 5 foot candles). To change setting, proceed to step 3 before flash back sequence repeats 3 times. To exit the current function or to change to a different function, wait for sequence to repeat 3 times then return to step 1.
- Press button the number of times indicated in the particular function's detailed table for the NEW desired setting (e.g., press 3 times for 3 foot candles). As confirmation of setting change, LED flashes back the NEW setting 3 times before exiting.

PROGRAMMING FUNCTIONS		OPTIONS			
		PC	ADC	PC ADC	
4	100 hr Burn-In	•	•	•	
4	Auto Set-Point	•	•	•	
5	Ten's Digit of Set-Point	•	•	•	
6	One's Digit of Set-Point	•	•	•	
7	Sunlight Discount Factor	•	•	•	
8	Incremental Set-Point Adjust.	•	•	•	
15	Dimming Range (High Trim)		•	•	
16	Dimming Range (Low Trim)		•	•	

DETAILED FUNCTION TABLES __

4	=	100hr Burn-In / Au	ito Set-Point
	4	N.1 1 de	4.0 . 4.1.

 1
 Normal*
 4 Run Auto Set-Point

 2
 Run 100 hr Burn-In
 5 Blink Back Set-Point

3 Run 100 hr then Auto-Setpoint

DETAILED FUNCTION TABLES (cont) ____

5 = Ten's Digit of Set-Point							
1	10 fc						
2	20 fc	5	50 fc	8	Disable		
3	30 fc	6	100 fc	10	0 fc*		
6 = One's Digit of Set-Point							
1	1 fc					10	0 fc
2	2 fc	5	5 fc*	8	8 fc		
3	3 fc	6	6 fc	9	9 fc		
7 = Sunlight Discount Factor							
1	x/1					10	x/10
2	x/2	5	x/5	8	x/8		
		6	x/6	9	x/9		
8 = Incremental Set-Point Adjustment							
1 Decrease 1 fc 2 Increase 1 fc							
15 = Dimming Range (High Trim)							
						10	9 Volts
2 1	Volt	5 4	4 Volts	8 7	Volts		10 Volts*
	Volts	6	5 Volts	9 8	Volts		
16 = Dimming Range (Low Trim)							
						10	9 Volts
							10 Volts
	1 2 3 = 1 2 3 = 1 C2 1 3 2 = 1 C2 1	1 10 fc 2 20 fc 3 30 fc = One's Di 1 1 fc 2 2 fc 3 3 fc = Sunlight 1 x/1 2 x/2 3 x/3 = Increment 1 Decrease 5 = Dimming 1 Off 2 1 Volt 3 2 Volts 6 = Dimming 1 Off** 2 1 Volt***	1 10 fc 4 2 20 fc 5 3 30 fc 6 = One's Digit 1 1 fc 4 2 2 fc 5 3 3 fc 6 = Sunlight Di 1 x/1 4 2 2 x/2 5 3 x/3 6 = Incrementa 1 Decrease 1 fc 5 = Dimming R 1 Off 4 2 1 Volt 5 3 2 Volts 6 6 = Dimming R 1 Off** 4 2 1 Volt*** 5	1 10 fc 4 40 fc 2 20 fc 5 50 fc 3 30 fc 6 100 fc = One's Digit of Set-Pot 1 1 fc 4 4 fc 2 2 fc 5 5 fc* 3 3 fc 6 6 fc = Sunlight Discount Fat 1 x/1 4 x/4* 2 x/2 5 x/5 3 x/3 6 x/6 = Incremental Set-Poir 1 Decrease 1 fc 5 = Dimming Range (High 1 Off 4 3 Volts 2 1 Volt 5 4 Volts 3 2 Volts 6 5 Volts 6 = Dimming Range (Lot 1 Off** 4 3 Volts 2 1 Volt*** 5 4 Volts	1 10 fc 4 40 fc 7 2 20 fc 5 50 fc 8 3 30 fc 6 100 fc 10 = One's Digit of Set-Point 1 1 fc 4 4 fc 7 2 2 fc 5 5 fc* 8 3 3 fc 6 6 fc 9 = Sunlight Discount Facto 1 x/1 4 x/4* 7 2 x/2 5 x/5 8 3 x/3 6 x/6 9 = Incremental Set-Point Ad 1 Decrease 1 fc 2 Ir 5 = Dimming Range (High Till Off 4 3 Volts 7 6 2 1 Volt 5 4 Volts 8 7 3 2 Volts 6 5 Volts 9 8 6 = Dimming Range (Low Tr 1 Off* 4 3 Volts 7 6 2 1 Volt*** 5 4 Volts 8 7	1 10 fc 4 40 fc 7 200 fc 2 20 fc 5 50 fc 8 Disable 3 30 fc 6 100 fc 10 0 fc* = One's Digit of Set-Point 1 1 fc 4 4 fc 7 7 fc 2 2 fc 5 5 fc* 8 8 fc 3 3 fc 6 6 fc 9 9 fc = Sunlight Discount Factor 1 x/1 4 x/4* 7 x/7 2 x/2 5 x/5 8 x/8 3 x/3 6 x/6 9 x/9 = Incremental Set-Point Adjustme 1 Decrease 1 fc 2 Increase 1 5 E Dimming Range (High Trim) 1 Off 4 3 Volts 7 6 Volts 3 2 Volts 6 5 Volts 9 8 Volts 5 E Dimming Range (Low Trim) 1 Off** 4 3 Volts 7 6 Volts 5 E Dimming Range (Low Trim) 1 Off** 4 3 Volts 7 6 Volts	1 10 fc

^{*} DEFAULT SETTING

¹ The LED will blink back the ten's digit, then pause, then blink back the one's digit. For a "0" the LED will blink very rapidly. The sequence is repeated 3 times.

^{**} PC ADC DEFAULT SETTING

^{***} ADC DEFAULT SETTING

FUNCTION DEFINITIONS.

4 100 HOUR BURN-IN / AUTO SET-POINT

100 HOUR BURN-IN

Overrides relay on and/or dimming output to full bright (typically for lamp seasoning)

AUTO SET-POINT

Photocell calibration procedure for detecting optimum lighting control level

5 TEN'S DIGIT OF SET-POINT

The ten's digit of the target light level that is to be maintained by the device (in foot-candles)

6 ONE'S DIGIT OF SET-POINT

The one's digit of the target light level that is to be maintained by the device (in foot-candles)

7 SUNLIGHT DISCOUNT FACTOR

Value used to improve the tracking accuracy of a photocell during periods of high daylight. Decreasing the value will lower the controlled level of the lights

8 INCREMENTAL SET-POINT ADJUSTMENT

Alters the target light level that is to be maintained by the device (in foot-candles)

15 DIMMING RANGE (HIGH TRIM)

The maximum output level (0-10 VDC) of a sensor with a dimming output

16 DIMMING RANGE (LOW TRIM)

The minimum output level (0-10 VDC) of a sensor with a dimming output

NOTE:

For information on additional advanced settings, including resetting unit to factory defaults, contact:

Technical Support: 1.800.535.2465

PROGRAMMING INSTRUCTIONS for

STAND-ALONE ON/OFF & AUTO DIMMING PHOTOCELL SENSOR

Series:

CM(R) PC RM(R) PC CM(R)B PC CM(R) ADC RM(R) ADC CM(R)B ADC CM(R) PC ADC RM(R) PC ADC CM(R)B PC ADC

AcuityControls.

Sensor Switch...

1.800.535.2465