

PROJECT: \_\_\_\_\_  
 TYPE: \_\_\_\_\_  
 PRODUCT: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_



CCUC Series

## PRODUCT FEATURES

- Intended for Task Lighting, Patient Rooms, Nurse Stations, Desk Stations, Offices, Research Facilities, Laboratories, Display Cases, and more
- Slim profile design (.35" depth) available in five lengths: 11", 18", 23", 36", and 42"
- Standard button switch to adjust CCT: 2700K, 3000K, 3500K, 4000K, and 5000K
- Touch-free ON/OFF and dimming controls for infection control
- Hassle-free surface mount installation with optional linking accessories

## ORDERING INFORMATION



Example: CCUC- 23/2-11/3-RM-80C-W-UN-6LC/2-24LC/2-36WP

CCUC			80C		
Series	Size / Quantity 11 = 11" / # 18 = 18" / # 23 = 23" / # 36 = 36" / # 42 = 42" / #	Configuration SA = Standalone* RM = Row Mount**  *Must order 24W wall plug. **Order for row mount applications where satellite fixtures are linked to a master for control. Comes with a master	CRI 80C = 80 CRI	Finish* W = White BK = Black  *Finishes are standard antimicrobial	Voltage 12 = 120V 27 = 277V UN = Universal (120V-277V)

<p><b>Power Supply</b>                      36WP = 36W, Wall Plug (120-240V)*                      60WP = 60W, Wall Plug (120-240V)*                      30WP = 30W, Wall Plug (120-240V)*</p> <p><b>Remote Driver**</b>                      60WP RDE = 60W Remote Driver Enclosure                      80WP RDE = 80W Remote Driver Enclosure                      100WP RDE = 100W Remote Driver Enclosure</p> <p>*Wall Plugs take the place of a remote driver &amp; enclosure (RDE). Wall Plugs come with 5' cable length.                      **Remote Driver for Hard Wire installation. 120-277V 24VDC Driver, integrated with aluminum J-Box with 24" power cord; (consult factory for other lengths and lead time). See Page 3 for maximum run length and enclosure dimensions.</p>	<p><b>Accessories / Quantity</b>                      6LC = 6" Linking Connector / #                      12LC = 12" Linking Connector / #                      24LC = 24" Linking Connector / #                      EC = End-to-End Connector / #</p>

## SPECIFICATIONS

**CONSTRUCTION:** Extruded aluminum housing. Endcap constructed of ABS material.

**LENS:** Diffused acrylic light guide made of PMMA material provides uniform and diffuse light.

Adjustment from lowest to highest light level - and reverse occurs over a 15 second period of time.

**AMBIENT TEMP:** Suitable for -20°C to 45°C ambient temperatures.

**FINISH:** EPA and FDA approved white antimicrobial powder coat finish following multi-stage iron phosphate pre-treatment. Black finish optional.

**INSTALLATION:** Surface installation. Keyhole slots for easy installation. Mounting screws are not provided. 24W Wall plug for standalone or end-to-end connectors for row mount are standard and shipped with luminaire.

**LABEL:** UL Listed for damp locations.

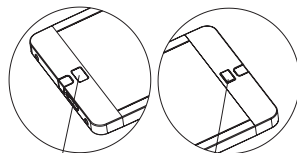
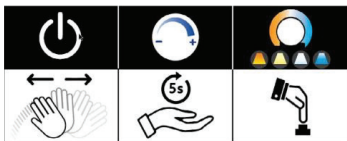
## FUNCTIONALITY

1. Wave hand underneath sensor to turn luminaire ON/OFF.
2. Position hand in within 3" from sensor without moving, until dimming is activated and desired light level has been achieved.

**BUTTON SWITCH:**  
Switch adjustable CCT: ON > 2700K > 3000K > 3500 > 4000K > 5000K

## CONNECTION EXAMPLES

Connection 1: Linking cord



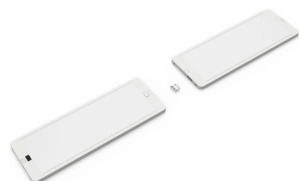
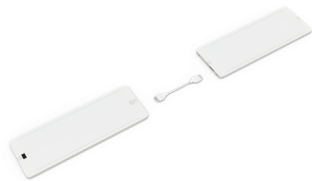
IR Sensor

Button Switch

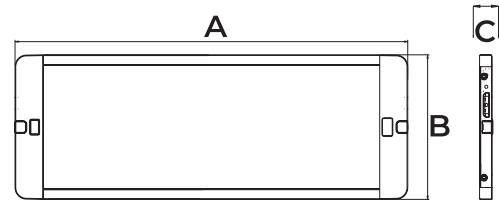
## CONNECTION EXAMPLES

Connection 1: Linking cord

Connection 2: End-to-End Connector



## DIMENSIONAL DATA



MODEL	A	B	C	WATTAGE
CCUC11	11.00"	3.94"	0.35"	4W
CCUC18	18.00"	3.94"	0.35"	6W
CCUC23	22.50"	3.94"	0.35"	8W
CCUC36	36.54"	3.94"	0.35"	13W
CCUC42	41.18"	3.94"	0.35"	15W

## ACCESSORIES

Interconnect cord set in 6", 12", and 24" lengths:



120-240V Adapter (output 24V 1A) standard:



End-to-End Connector:



## PERFORMANCE DATA\*

\*According to IES standards, a useful lumen range for undercabinet lighting is typically between 200 and 500 lumens per foot. New Star's Undercabinet luminaires meet IES standards for task lighting.

MODEL	OUTPUT	DELIVERED LUMENS**	INPUT POWER (W)
CCUC11	ST = Standard	280	4
CCUC18	ST = Standard	420	6
CCUC23	ST = Standard	520	8
CCUC36	ST = Standard	900	13
CCUC42	ST = Standard	1100	15

\*\*LEDs are frequently updated therefore values may change without notice.

## MAXIMUM NUMBER OF CONNECTED UNDERCABINETS

DRIVER	CCUC11	CCUC18	CCUC22	CCUC36	CCUC42
60W	13	9	6	4	3
80W	18	12	9	6	5
100W	22	15	11	7	6

## MAX RUN LENGTH

In addition to the chart above, if you have a combination of luminaire lengths in a run we can accommodate the following based on remote driver wattage:

60W = 126" any combination length of undercabinet

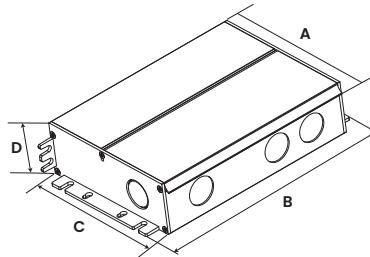
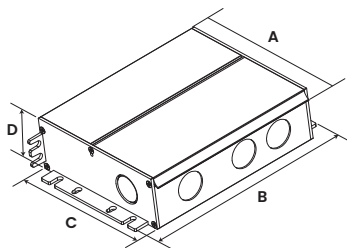
80W = 210" any combination length of undercabinet

100W = 252" any combination length of undercabinet

## REMOTE DRIVER DIMENSIONAL DATA

60W REMOTE DRIVER ENCLOSURE

80W & 100W REMOTE DRIVER ENCLOSURE



DRIVER	A	B	C	D
60W	4.85"	6.22"	4.7"	1.65"
80W	4.85"	7.4"	4.7"	1.65"
100W	4.85"	7.4"	4.7"	1.65"

## REMOTE DRIVER DISTANCES

WIRE GAUGE	12AWG	14AWG	16AWG	18AWG	Total LED load
Maximum Distance	20m/65ft	12m/39ft	8m/26ft	5m/16ft	30W 24V
	10m/32ft	6.5m/21ft	4m/13ft	2.5m/8ft	60W 24V
	6m/20ft	3.5m/11ft	2.5m/8ft	1.5m/5ft	100W 24V



**New Star Lighting**

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Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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