

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-RM-23/2- 11/3-42/1-80-W-60WP/1-12LC/4



CCUC					
Series	Configuration SA = Stand Alone RM = Row Mount	Size / Quantity 11 = 11" / # 18 = 18" / # 23 = 23" / # 36 = 36" / # 42 = 42" / #	CRI 80 = 80 CRI 90 = 90 CRI	Finish* W = White BK = Black *Finishes are standard antimicrobial	Voltage 12 = 120V 27 = 270V UN = Universal (120V-277V)

Remote Driver/Quantity*

- 60WP RDE / #** = 60W Remote Driver Enclosure**
- 80WP RDE / #** = 80W Remote Driver Enclosure**
- 100WP RDE / #** = 100W Remote Driver Enclosure**

*Remote Driver for Hard Wire installation. If Wall Plug is desired, leave blank and order Wall Plug under Accessories.
 **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.

Accessories / Quantity

- 6LC** = 6" Linking Connector / #
- 12LC** = 12" Linking Connector / #
- 24LC** = 24" Linking Connector / #
- EC** = End-to-End Connector / #
- 30WP** = 30W, Wall Plug (120-240V)*
- 36WP** = 36W, Wall Plug (120-240V)*
- 60WP** = 60W, Wall Plug (120-240V)*
- MG1** = Magnetic Mount (12" and 18")
- MG2** = Magnetic Mount (36" and 42")
- OC** = Occupancy Sensor

*Wall Plugs take the place of a remote driver & enclosure (RDE). Wall Plugs come with 5' cable length.

SPECIFICATIONS

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

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

LED: Button switch adjustable color temperatures 2700K, 3000K, 3500K, 4000K, and 5000K. Minimum 90 CRI standard. Minimum 30,000h with 70% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-70 testing measurements.

POWER SUPPLY: 24V Low voltage for all lengths; 24W remote wall plug supports a maximum of 123.54" total system run length.

INPUT VOLTAGE: 120V, 277V, UNV.

TOUCHLESS DIMMING: Touch-free ON/OFF operation via PIR Vacancy Sensor. Position hand over sensor until dimming is activated and light level achieved. 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.

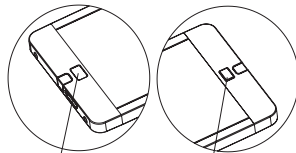
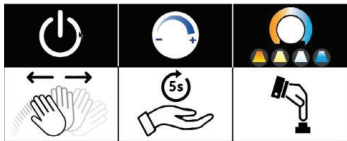
INSTALLATION: Surface installation. Keyhole slots for easy installation. Mounting screws are not provided. 24W Wall plug and end-to-end connectors are standard and shipped with luminaire.

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



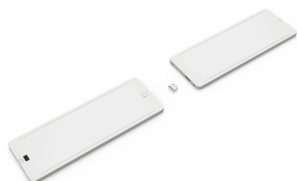
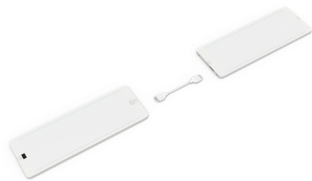
IR Sensor

Button Switch

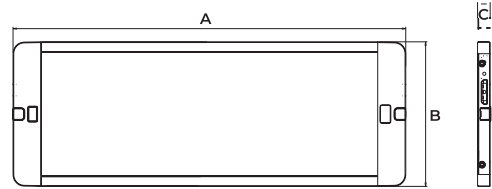
CONNECTION EXAMPLES

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:



New Star Lighting
2225 W Pershing Rd, Chicago, IL 60609
(773) 847-1400
www.newstarlighting.com

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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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

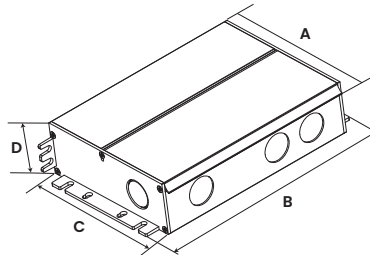
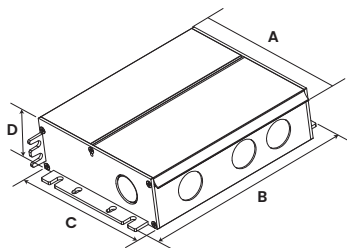
80W= 210" any combination length of undercabinet

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



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