UNDERCABINET | SURFACE

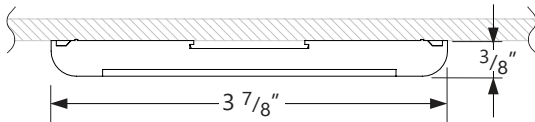## BalancedCare™

Project _____

Type _____

Notes _____

_____

- Ultrathin 3/8" profile in 6 lengths: 10", 16", 23", 30", 36", and 42"
- Switch adjustable CCT : 2700K, 3000K, 3500K, 4000K
- Touchless ON/OFF rocker switch and dimming for runs
- ON/OFF rocker switch on each individual unit
- Linking connectors in 6", 12", and 24" lengths
- Damp location rated
- 750 lm/ft
- Non-ferrous construction

Stand alone unit shown.

3/8"

3 7/8"

DAMP | BeWell™ CONTROLS | BeWell™ OPTICS | NSF2 | c UL us Listed | Control Sensors | 5 YEAR LED BOARD & DRIVER LUMINAIRE WARRANTY

*See ordering code example on page 2

Ordering Guide

BCUC					
PRODUCT ID	**MOUNTING CATEGORIES**		**LENGTH ***		**CRI**	**FINISH**

PRODUCT ID	MOUNTING CATEGORIES	LENGTH *	CRI	FINISH
BCUC Undercabinet	**STA** stand alone **RUN** system run	**10(#)** 10" (QTY) **16(#)** 16" (QTY) **23(#)** 23" (QTY) **30(#)** 30" (QTY) **36(#)** 36" (QTY) **42(#)** 42" (QTY)	**80** 80 CRI	**W** white
		* Multiple choice lengths option available with Run mounting category.		

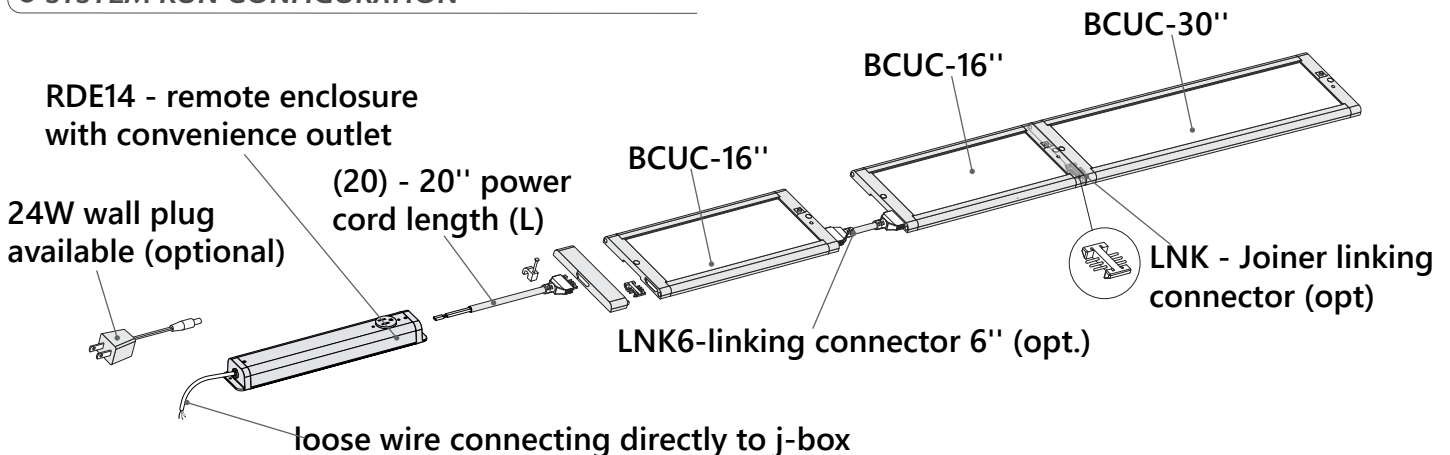| VOLTAGE	DRIVER	ACCESSORIES (OPT.)
120 120 V **277** 277 V **UNV** universal	**24W** 24 W wall plug* **RDE10(L)** remote driver enclosure 10'' (!) **RDE14(L)** remote driver enclosure 14'' with hospital grade single (non-GFI) convenience outlet** (!)	**CDP** cord & plug* **+LNK(#)** joiner linking connector* **+LNK6(#)** linking connector, 6" * **+LNK12(#)** linking connector 12" * **+LNK24(#)** linking connector 24" *
Consult factory for other voltage.	* Max 42" total run length. Available with 120V only. ** Available only for 14'' remote driver enclosure (RDE14(L)), see details on page 3. (!) Specify power cord length; standard lengths 20", 39", 59", 119" (consult factory for other lengths and lead time). Max 126" total run length per RDE (100W driver).	* Connectors for system run mounting category. See page 2 for configuration examples.

FILE NAME:
BCUC.SPEC

BalancedCare™ by axis

● *SINGLE LUMINAIRE CONFIGURATION*

BCUC-16''
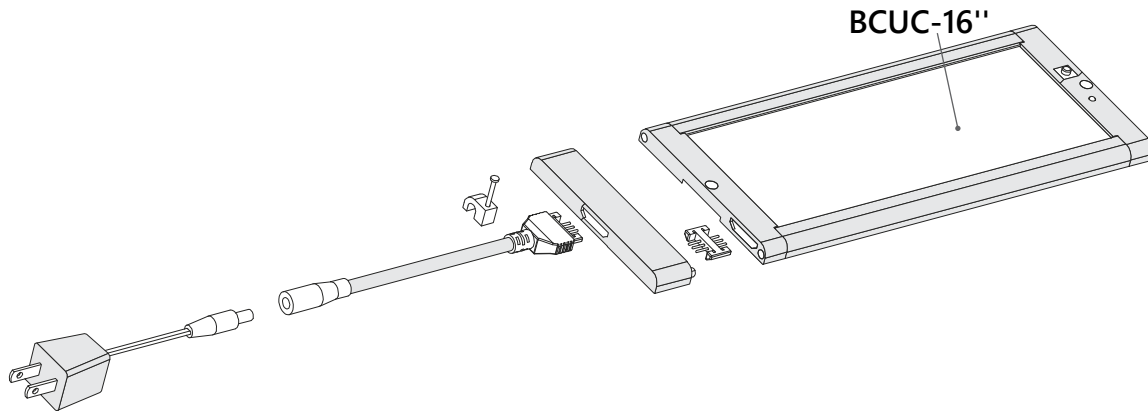
Ordering example: BCUC-STA-16(1)-80-W-120-24W

● *SYSTEM RUN CONFIGURATION*

BCUC-16''

BCUC-16''

24W wall plug

LNK6-linking connector 6'' (opt.)
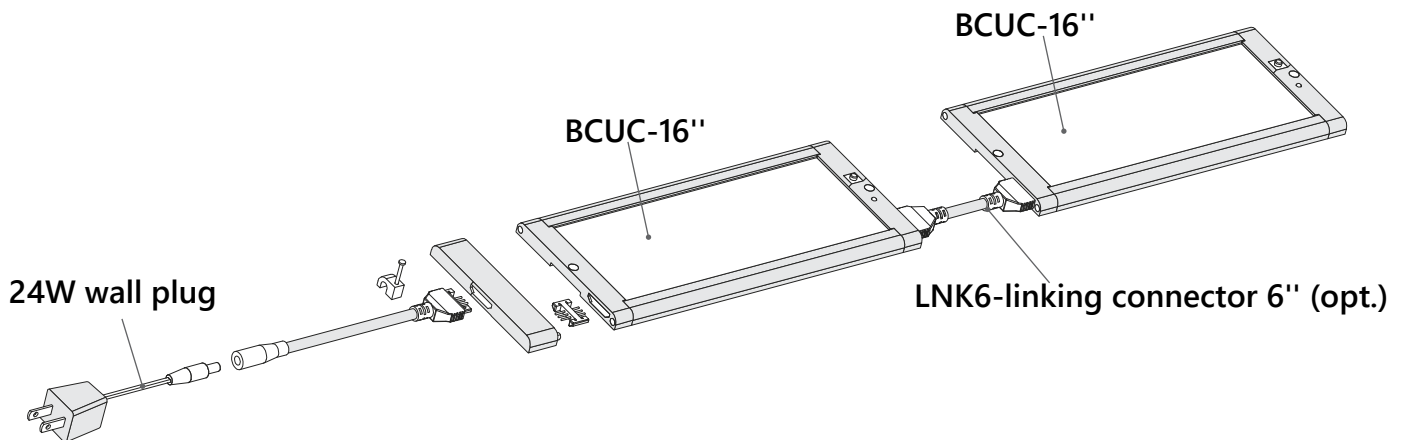
Ordering example: BCUC-RUN-16(2)-80-W-120-24W-LNK6(1) for system run shown with one 6" linking connector.

● *SYSTEM RUN CONFIGURATION*

BCUC-30''

BCUC-16''

RDE14 - remote enclosure
with convenience outlet

BCUC-16''

(20) - 20'' power
cord length (L)

24W wall plug
available (optional)

LNK - Joiner linking
connector (opt)

LNK6-linking connector 6'' (opt.)

loose wire connecting directly to j-box

Ordering example: BCUC-RUN-16(2)+30(1)-80-W-120-RDE14(20)+LNK(1)+LNK6(1) for system run shown with one 6" linking connector and one joiner connector.

Product design and development is an ongoing process at BalancedCare™ by Axis Lighting. We reserve the right to change specifications. Contact BalancedCare™ for the latest product information.

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November 20, 2020

FILE NAME:
BCUC.SPEC

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BalancedCare™
by axis

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● CONSTRUCTION

Housing	Extruded aluminum
End Cap	ABS
Light Guide	PMMA
Lens	Diffused acrylic

● ELECTRICAL

Power supply	24V low voltage safe for all under cabinet units; 24W remote wall plug supporting maximum of 30'' total system run length.
Adjustability	Master control for switch selectable CCT and brightness for entire system run
Touchless dimming	Position hand beneath the ON/OFF touchless sensor, without moving, until dimming is activated and desired light level has been achieved. Adjustment from lowest brightness to highest brightness – and reverse – occurs over 5.5 seconds. At each end of the brightness range, the adjustment pauses 2 seconds.
Remote enclosure	100W supports maximum of 126'' total system run length.
Input Voltage	120V, 277V, UNV.

ⓘ Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

● LED SYSTEM

CRI	Minimum 80 color rendering index
CCT	Choice of 2700K, 3000K, 3500K and 4000K
LED life	Minimum 50,000h with 70% of lumen maintenance in 25^{0}C ambient temperature, in compliance with IES LM-70 testing measurements.
Thermal management	Aluminium housing acting as the heat sink to maximize life.

● LIGHT GUIDE

Precision light guide made of PMMA material allows distribution of controlled light. In plane mixing maximizes uniformity. White light emitting area is uniform and diffuse.
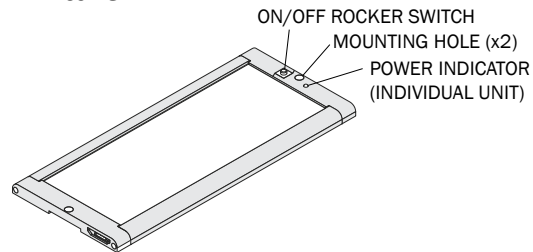
● WARRANTY

BalancedCare™ by Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications.
If defective, BalancedCare™ will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to BalancedCare™.
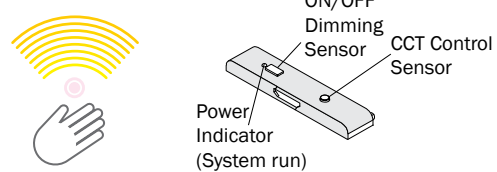
● APPROVALS

Certified to UL and cUL standards ⓊⓁ
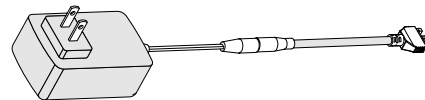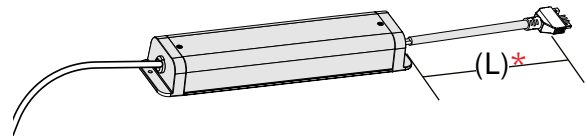Suitable for damp locations.

● FIXTURE AND ACCESSORIES

Fixture

ON/OFF ROCKER SWITCH
MOUNTING HOLE (x2)
POWER INDICATOR (INDIVIDUAL UNIT)

Touchless control

ON/OFF Dimming Sensor
CCT Control Sensor
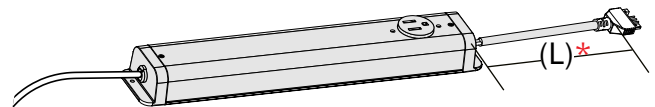Power Indicator (System run)

120 V Adapter

Standard Remote driver enclosure (RDE10(L)).

(L)*

Remote driver enclosure (RDE14(L)), comes with optional hospital grade single (non-GFI) convenience outlet.

(L)*

* **When ordering please specify power cord length. Standard lengths are 20'', 39'' and 59'', other lengths available, please consult factory. (Ex.: RDE10(20), RDE14(59), etc.)**

Interconnect cordset

● WEIGHT

Undercabinet 10"	0.48 lbs / 0.22 kg
Undercabinet 16"	0.78 lbs / 0.35 kg
Undercabinet 23"	1.13 lbs / 0.51 kg
Undercabinet 30"	1.49 lbs / 0.68 kg
Undercabinet 36"	1.80 lbs / 0.82 kg
Undercabinet 42"	2.10 lbs / 0.95 kg

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● *PHOTOMETRIC DATA*

UNDERCABINET 4000K

BCUC-STA-16-80-W-120-24

PHOTOMETRIC CURVE
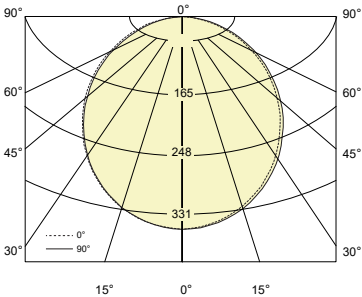
Luminaire Lumens: 942 lm
Input Watts: 10.42 W
Efficacy: 90 lm/W
IES FILE: BCUC-STA-16-80-W-120-24.ies

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	**22.5**	**45**	**67.5**	**90**
0	329	329	329	329	329
5	326	326	326	327	328
15	313	313	314	315	316
25	289	290	291	292	294
35	255	256	258	259	262
45	214	215	217	219	221
55	167	168	170	172	174
65	115	116	118	120	122
75	62	63	65	67	69
85	16	16	18	19	21
90	0	0	0	1	1

ZONAL LUMENS

Zone	Lumens
0	
0-10	31
10-20	89
20-30	135
30-40	162
40-50	168
50-60	152
60-70	117
70-80	69
80-90	20
90	0

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	**45**	**90**
45	11163	11312	11517
55	10726	10926	11183
65	10026	10277	10639
75	8885	9255	9792
85	6665	7637	8945

FILE NAME:
BCUC.SPEC