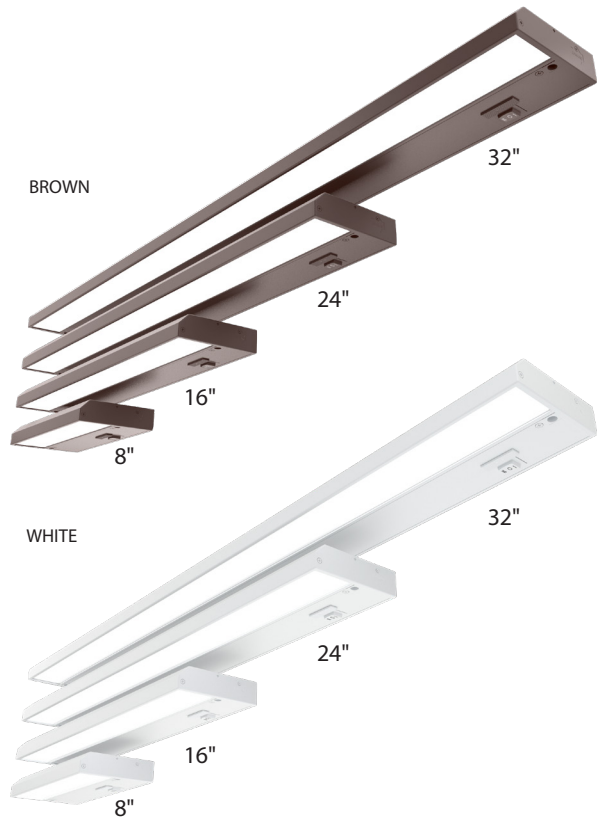


KNOOK® Field-Adjustable Undercabinet Light



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Available in four different sizes: 32", 24", 16" and 8"
- Field-adjustable CCT: 5000/4000/3500/3000/2700K
- Adjustable Power: 32": 8W at 50%, 16W at 100%
24": 7W at 50%, 13W at 100%
16": 5W at 50%, 9W at 100%
8": 2W at 50%, 4W at 100%
- Can easily be daisy chained with accessory cables
- Compatible with common ELV & TRIAC dimmers
- UL Listed for dry locations only

Field-adjustable, under-cabinet Light



0-10V



50,000 HOURS



FIELD ADJ.



DRY RATED

TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

Suitable for dry locations only

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Energy star

This product is Energy star compliant

MODEL#	ENERGY STAR ID
KNOOKFA8	2421018
KNOOKFA16	2421019
KNOOKFA24	2421020
KNOOKFA32	2421021

CONSTRUCTION

Maximum Ambient Temperature

Suitable for use in up to 45°C (113°F)

Ambient Operating Temperature (Cold weather starting temperature)

Suitable for use in up to -10°C (14°F)

Mounting

Undercabinet surface

Housing

Aluminum

Lens

Polycarbonate lens

Reflector/Tray

TPET

Green Technology

Mercury and UV free. RoHs-compliant components.

Finish

Formulated for high durability and long lasting color

TECHNICAL SPECIFICATIONS

FIELD ADJUSTABILITY

Field-Adjustable

Lumen output (selectable by 100% and 50%) Color temperature (selectable by 5000K, 4000K, 3500K, 3000K and 2700K, factory default: 3000K)

ELECTRICAL

Drivers:

Constant Current, Class 2, 120-277V, 60 Hz

KNOOKFA8:

2W: 120V: 0.2A

4W: 120V: 0.04A

KNOOKFA16:

5W: 120V: 0.04A

9W: 120V: 0.08A

KNOOKFA24:

7W: 120V: 0.06A

13W: 120V: 0.11A

KNOOKFA32:

8W: 120V: 0.07A

16W: 120V: 0.14A

Surge Protection

L-N 500V

Note: All values are typical (tolerance +/- 10%)

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, discrete, surface-mount LEDs

Color stability

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year periods.

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

OTHER

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the BUY American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Warranty:

RAB warrants that our LED products with special corrosion resistant powder coat finish will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish in corrosive environments up to C5-M classification. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

ACCESSORIES

IMAGE	SKU#	UPC	DESCRIPTION
	JBKNOOKFA	019813835907	KNOOKFA JUNCTION BOX BROWN
	JBKNOOKFAW	019813835914	KNOOKFA JUNCTION BOX WHITE
	OCSKNOOKFA	019813835884	KNOOK OCCUPANCY SENSOR BROWN
	OCSKNOOKFAW	019813835891	KNOOK OCCUPANCY SENSOR WHITE
	KCPB	019813491899	KNOOK CORD + PLUG 6 FT FIXTURE TO OUTLET 105 DEG BLACK
	KCPW	019813491905	KNOOK CORD + PLUG 6 FT FIXTURE TO OUTLET 105 DEG WHITE
	KPCJB	019813491912	KNOOK POWER FEED FIXTURE TO JUNCTION BOX BLACK
	KPCJW	019813491929	KNOOK POWER FEED FIXTURE TO JUNCTION BOX WHITE

ACCESSORIES (CONTINUED)

IMAGE	SKU#	UPC	DESCRIPTION
	KJC6B	019813491837	KNOOK JUMPER CABLE 6IN FIXTURE TO FIXTURE 105 DEG BLACK
	KJC12B	019813491851	KNOOK JUMPER CABLE 12IN FIXTURE TO FIXTURE 105 DEG BLACK
	KJC24B	019813502717	KNOOK JUMPER CABLE 24IN FIXTURE TO FIXTURE 105 DEG BLACK
	KJC72B	019813491875	KNOOK JUMPER CABLE 72IN FIXTURE TO FIXTURE 105 DEG BLACK
	KJC6W	019813491844	KNOOK JUMPER CABLE 6IN FIXTURE TO FIXTURE 105 DEG WHITE
	KJC12W	019813491868	KNOOK JUMPER CABLE 12IN FIXTURE TO FIXTURE 105 DEG WHITE
	KJC24W	019813502724	KNOOK JUMPER CABLE 24IN FIXTURE TO FIXTURE 105 DEG WHITE
	KJC72W	019813491882	KNOOK JUMPER CABLE 72IN FIXTURE TO FIXTURE 105 DEG WHITE

DIMENSIONS



MODEL#	A	B	C	WEIGHT
KNOOKFA8	8 1/4"	3 5/8"	15/16"	0.9 Lb
KNOOKFA16	16"	3 5/8"	15/16"	1.5 Lbs
KNOOKFA24	23 7/8"	3 5/8"	15/16"	2.1 Lbs
KNOOKFA32	31 11/16"	3 5/8"	15/16"	2.7 Lbs

KNOOK® Field-Adjustable Undercabinet Light



PERFORMANCE

KNOOKFA8	5000K	4000K	3500K	3000K	2700K	5000K	4000K	3500K	3000K	2700K
WATTAGE	4W					2W				
INPUT WATTS	4.4W	4.4W	4.3W	4.3W	4.4W	2.5W	2.4W	2.4W	2.5W	2.5W
LUMENS	353	346	331	301	282	202	194	187	173	164
EFFICACY (LM/W)	80.3	80.5	76.9	69.9	64.0	80.9	81	78.1	69.4	65.6
CRI	95	96	97	95	93	95	97	97	996	94
VOLTAGE RATINGS	120V									

KNOOKFA16	5000K	4000K	3500K	3000K	2700K	5000K	4000K	3500K	3000K	2700K
WATTAGE	9W					5W				
INPUT WATTS	8.9W	8.8W	8.7W	8.8W	9W	4.9W	4.8W	4.8W	4.9W	5W
LUMENS	796	783	749	687	636	426	411	397	373	351
EFFICACY (LM/W)	89.5	89	86.1	78.1	70.1	87	85.7	82.8	76.2	70.2
CRI	95	97	97	96	94	96	97	97	96	94
VOLTAGE RATINGS	120V									

KNOOKFA24	5000K	4000K	3500K	3000K	2700K	5000K	4000K	3500K	3000K	2700K
WATTAGE	13W					7W				
INPUT WATTS	13W	12.7W	12.6W	12.8W	13.1W	6.6W	6.6W	6.5W	6.5W	6.7W
LUMENS	1219	1213	1153	1050	970	663	640	617	576	540
EFFICACY (LM/W)	93.8	95.5	91.5	82.1	74.0	100.5	96.9	94.9	88.6	80.6
CRI	95	97	96	95	99	95	97	97	96	94
VOLTAGE RATINGS	120V									

KNOOKFA32	5000K	4000K	3500K	3000K	2700K	5000K	4000K	3500K	3000K	2700K
WATTAGE	16W					8W				
INPUT WATTS	16.4W	16W	15.8W	16.2W	16.4W	8.7W	8.5W	8.5W	8.6W	8.8
LUMENS	1585	1568	1496	1368	1270	891	857	825	769	723
EFFICACY (LM/W)	96.6	98	94.7	84.4	77.4	102.4	100.9	97	89.4	82.2
CRI	95	96	97	95	93	95	97	97	96	94
VOLTAGE RATINGS	120V									

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ORDERING MATRIX

KNOOKFA

Family	Length/Wattage	Color Temp	Finish	Voltage
KNOOKFA				
	8 8" (4W/2W)	BLANK Selectable CCT: 5000/4000/3500/ 3000/2700K	BLANK Brown W White	BLANK 120V TRIAC Stepped Dimming Standard
	16 16" (9W/5W)			
	24 24" (13W/7W)			
	32 32" (16W/8W)			