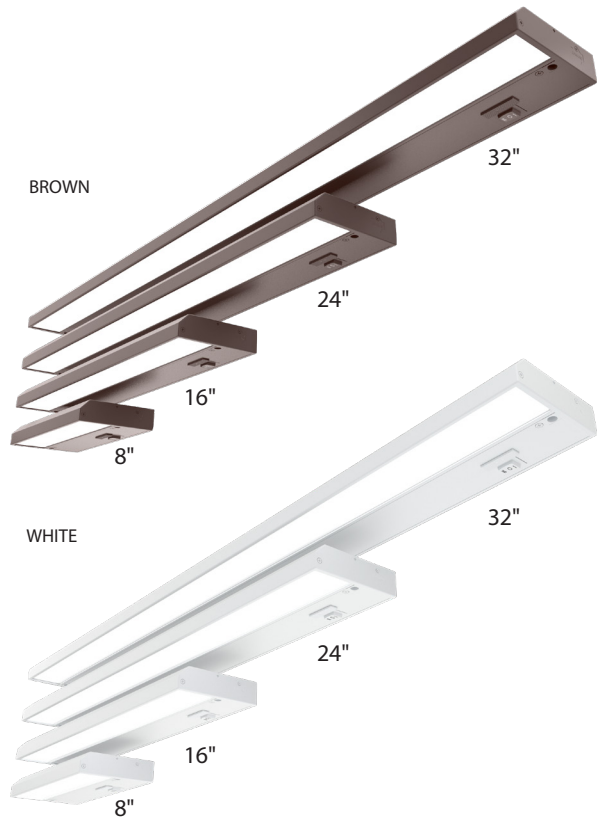


KNOOK® Field-Adjustable Undercabinet Light



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Available in four different sizes: 32", 24", 16" and 8"
- Field-adjustable CCT: 2700/3000/3500/4000/5000K
- 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



TRIAC/ELV



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.

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.

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%)

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 |

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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 | | | | | | | | | |

KNOOK® Field-Adjustable Undercabinet Light



ORDERING MATRIX

KNOOKFA

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