KB LIGHTING

# CAN-RND-LED-XXSW-SCT3
## LED Round Canopy Light Fixture

| | |
|---|---|
| **Project** | |
| **Type** | |
| **Catalog #** | |

**Standard**

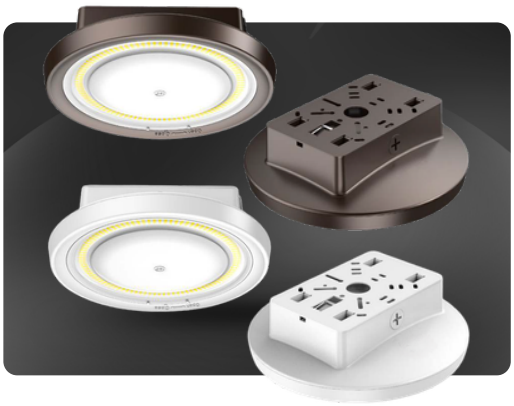
LISTED · DLC PREMIUM · TRUSTED NB WARRANTY · 10 YEAR WARRANTY

### Overview

- General Purpose LED Round Canopy Light
- Power Select
- Color Select
- 120-277V Input
- Bronze or White Finishes Available

### Application

Ceiling mounted outdoor illumination needs, such as parking garages, covered walkways, entrance areas, etc.



## PRODUCT FEATURES

- Power Select technology (See Performance Specifications chart below)
- Color Select technology (3000/4000/5000K)
- Familiar, low profile design ideal for a wide range of new and replacement installations
- Heavy-duty die-cast aluminum housing with a modern aesthetic and (3) 1/2" NPT threaded conduit hubs
- Suitable for standard junction box mounting or 3/4" NPT pendant mounting. Must use CLED-SM-1-KIT-X
- Built-in dusk-to-dawn photocell behind translucent 3/4" threaded plug with anti-yellowing agent
- Impact-resistant, polycarbonate diffuser with 160° parking garage distribution. Perfect for low mounting applications
- Optional 110° canopy distribution diffuser available.
- Perfect for high mounting applications
- LED 0-10V dimming driver
- Ambient operating temperature: -40°C/-40°F to 50°C/122°F
- UL certified for wet locations, IP65 rated
- Power Factor: > 0.95
- THD: < 20%
- L70 @ > 100,000 hrs @ 25°C/77°F ambient fixture temperature
- Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions

## PRODUCT IMAGES

**CAN-RND-LED-40SW-SCT3**
**CAN-RND-LED-25SW-SCT3**

**CAN-RND-LED-40SW-SCT3-W**

**CAN-RND-LED-60SW-SCT3**

**CAN-RND-LED-60SW-SCT3-W**

KB Lighting Mfg Co Inc | 2515 Metropolitan Drive, Trevose, PA 19053 | P: 215-953-6663 | F: 215-953-6710 | info@kblighting.com
Specifications and dimensions subject to change without notice.

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# CAN-RND-LED-XXSW-SCT3
## LED Round Canopy Light Fixture

## PERFORMANCE SPECIFICATIONS

| Catalog Number | Wattage | Color Temp | Lumens | Efficacy | Input Voltage | Dimming | CRI | Distribution Pattern | Photocell Included | Nominal Size | Housing Color |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CAN-RND-LED-60SW-SCT3<br>CAN-RND-LED-60SW-SCT3-W | 60W | 3000K | 8,646 | 144 lm/W | 120-277V | 0-10V | >80 | 160° | Yes | 10" | Bronze or White |
| | | 4000K | 9,222 | 154 lm/W | | | | | | | |
| | | 5000K | 9,055 | 151 lm/W | | | | | | | |
| | 50W | 3000K | 7,372 | 147 lm/W | | | | | | | |
| | | 4000K | 7,814 | 156 lm/W | | | | | | | |
| | | 5000K | 7,728 | 155 lm/W | | | | | | | |
| | 40W | 3000K | 6,248 | 156 lm/W | | | | | | | |
| | | 4000K | 6,581 | 165 lm/W | | | | | | | |
| | | 5000K | 6,556 | 164 lm/W | | | | | | | |
| CAN-RND-LED-40SW-SCT3<br>CAN-RND-LED-40SW-SCT3-W | 40W | 3000K | 5,569 | 139 lm/W | 120-277V | 0-10V | >80 | 160° | Yes | 8" | Bronze or White |
| | | 4000K | 5,988 | 150 lm/W | | | | | | | |
| | | 5000K | 5,878 | 147 lm/W | | | | | | | |
| | 30W | 3000K | 4,380 | 146 lm/W | | | | | | | |
| | | 4000K | 4,660 | 155 lm/W | | | | | | | |
| | | 5000K | 4,641 | 155 lm/W | | | | | | | |
| | 20W | 3000K | 3,096 | 155 lm/W | | | | | | | |
| | | 4000K | 3,248 | 162 lm/W | | | | | | | |
| | | 5000K | 3,267 | 163 lm/W | | | | | | | |
| CAN-RND-LED-25SW-SCT3 | 25W | 3000K | 3,553 | 142 lm/W | 120-277V | 0-10V | >80 | 160° | Yes | 8" | Bronze |
| | | 4000K | 3,783 | 151 lm/W | | | | | | | |
| | | 5000K | 3,767 | 151 lm/W | | | | | | | |
| | 20W | 3000K | 3,026 | 151 lm/W | | | | | | | |
| | | 4000K | 3,203 | 160 lm/W | | | | | | | |
| | | 5000K | 3,209 | 160 lm/W | | | | | | | |
| | 15W | 3000K | 2,265 | 151 lm/W | | | | | | | |
| | | 4000K | 2,375 | 158 lm/W | | | | | | | |
| | | 5000K | 2,397 | 160 lm/W | | | | | | | |

Note: Preset to highest wattage and 5000K
Note: Color uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

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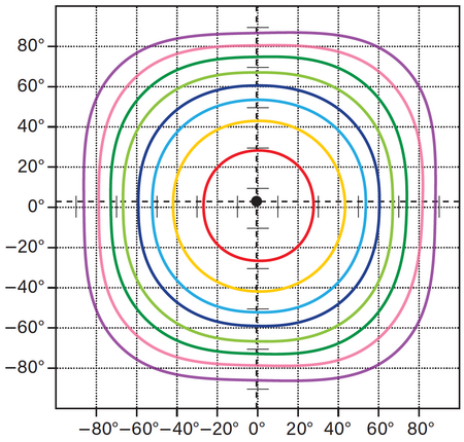
# CAN-RND-LED-XXSW-SCT3
LED Round Canopy Light Fixture

## PHOTOMETRIC SPECIFICATIONS
CAN-RND-LED-60SW-SCT3 | 110°

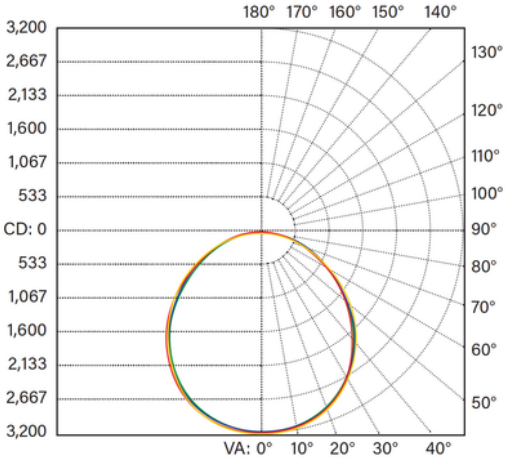
### ISOCANDELA PLOT




--- Point of Max Cd: 3,156.3

- Cd: 2,839; 90%
- Cd: 2,366; 75%
- Cd: 1,893; 60%
- Cd: 1,577; 50%
- Cd: 1,262; 40%
- Cd: 946; 30%
- Cd: 631; 20%
- Cd: 315; 10%

### POLAR CANDELA DISTRIBUTION



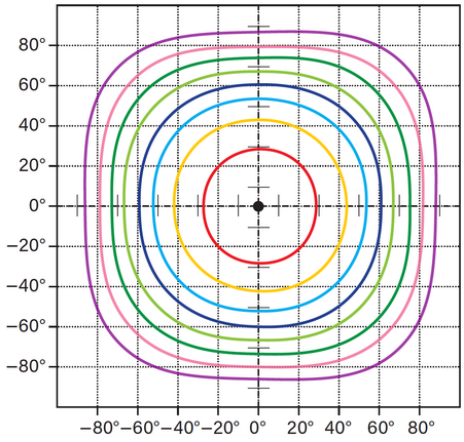

- : 0° H
- : 90° H
- : 22.5° H
- : 45° H

### ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0°-30° | 2,462.4 | 28.6% |
| 0°-40° | 4,020.6 | 46.7% |
| 0°-60° | 6,965.1 | 80.9% |
| 60°-90° | 1,614.7 | 18.8% |
| 70°-100° | 602.7 | 7% |
| 90°-120° | 10.7 | 0.1% |
| 0°-90° | 8,579.8 | 99.6% |
| 90°-180° | 30.2 | 0.4% |
| 0°-180° | 8,610.0 | 100.0% |

## PHOTOMETRIC SPECIFICATIONS
CAN-RND-LED-40SW-SCT3 | 110°

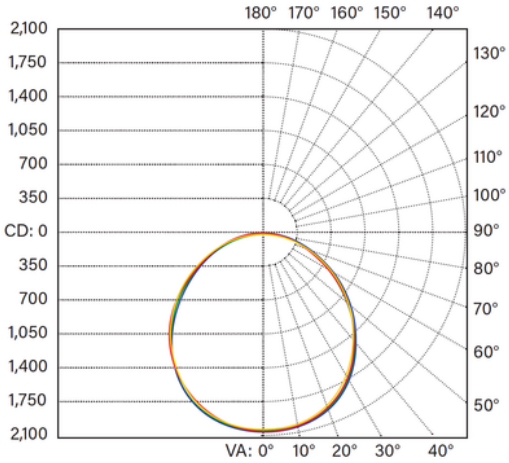
### ISOCANDELA PLOT




--- Point of Max Cd: 2,018.9

- Cd: 1,812; 90%
- Cd: 1,510; 75%
- Cd: 1,208; 60%
- Cd: 1,006; 50%
- Cd: 805; 40%
- Cd: 604; 30%
- Cd: 403; 20%
- Cd: 201; 10%

### POLAR CANDELA DISTRIBUTION




- : 0° H
- : 90° H
- : 22.5° H
- : 45° H

### ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0°-30° | 1,580.0 | 28.7% |
| 0°-40° | 2,580.0 | 46.8% |
| 0°-60° | 4,465.2 | 81.1% |
| 60°-90° | 1,021.6 | 18.5% |
| 70°-100° | 371.0 | 6.7% |
| 90°-120° | 8.4 | 0.2% |
| 0°-90° | 5,486.8 | 99.6% |
| 90°-180° | 22.3 | 0.4% |
| 0°-180° | 5,509.2 | 100.0% |

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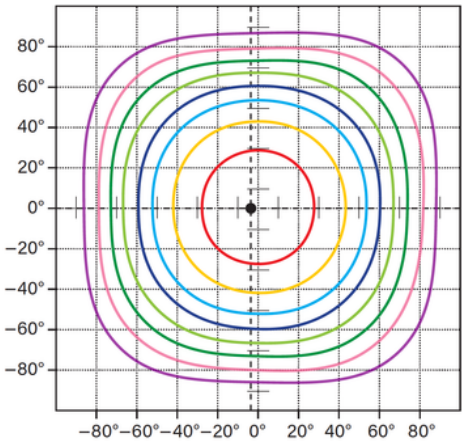
# CAN-RND-LED-XXSW-SCT3
LED Round Canopy Light Fixture

## PHOTOMETRIC SPECIFICATIONS
CAN-RND-LED-25SW-SCT3 | 110°

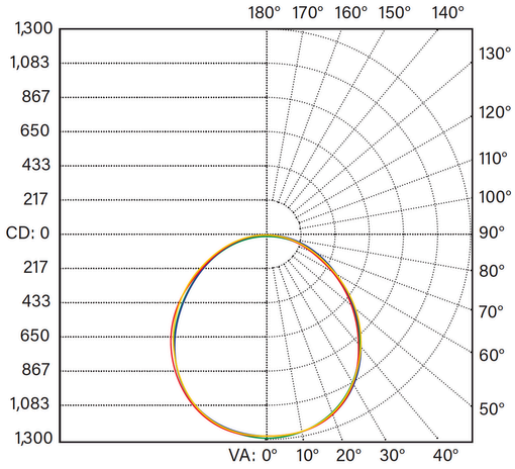
### ISOCANDELA PLOT




--- Point of Max Cd: 1,282.1

- Cd: 1,152; 90%
- Cd: 960; 75%
- Cd: 768; 60%
- Cd: 640; 50%
- Cd: 512; 40%
- Cd: 384; 30%
- Cd: 256; 20%
- Cd: 128; 10%

### POLAR CANDELA DISTRIBUTION



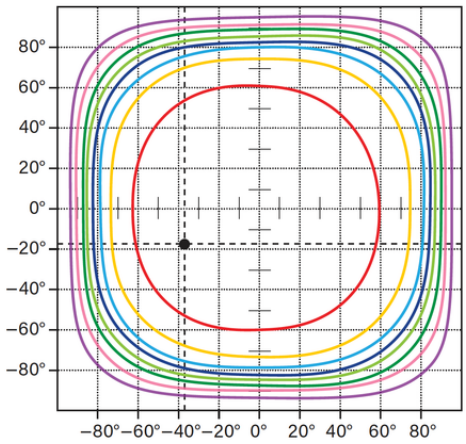

- : 0° H
- : 90° H
- : 22.5° H
- : 45° H

### ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0°-30° | 1,002.5 | 28.8% |
| 0°-40° | 1,636.3 | 47% |
| 0°-60° | 2,823.1 | 81.2% |
| 60°-90° | 635.7 | 18.3% |
| 70°-100° | 232.2 | 6.7% |
| 90°-120° | 7.7 | 0.2% |
| 0°-90° | 3,458.8 | 99.4% |
| 90°-180° | 19.2 | 0.6% |
| 0°-180° | 3,477.9 | 100.0% |

## PHOTOMETRIC SPECIFICATIONS
CAN-RND-LED-60SW-SCT3 | 160°

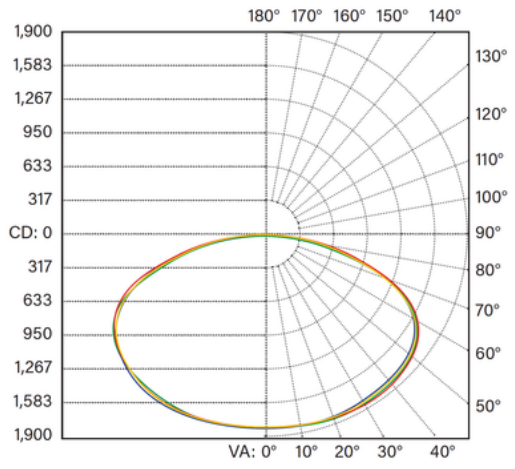
### ISOCANDELA PLOT




--- Point of Max Cd: 1,871.9

- Cd: 1,684; 90%
- Cd: 1,404; 75%
- Cd: 1,123; 60%
- Cd: 936; 50%
- Cd: 749; 40%
- Cd: 561; 30%
- Cd: 374; 20%
- Cd: 187; 10%

### POLAR CANDELA DISTRIBUTION




- : 0° H
- : 90° H
- : 22.5° H
- : 45° H

### ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0°-30° | 1,520.1 | 18.5% |
| 0°-40° | 2,668.0 | 32.5% |
| 0°-60° | 5,554.8 | 67.8% |
| 60°-90° | 2,610.4 | 31.8% |
| 70°-100° | 1,178.6 | 14.4% |
| 90°-120° | 15.8 | 0.2% |
| 0°-90° | 8,165.2 | 99.6% |
| 90°-180° | 33.1 | 0.4% |
| 0°-180° | 8,198.4 | 100.0% |

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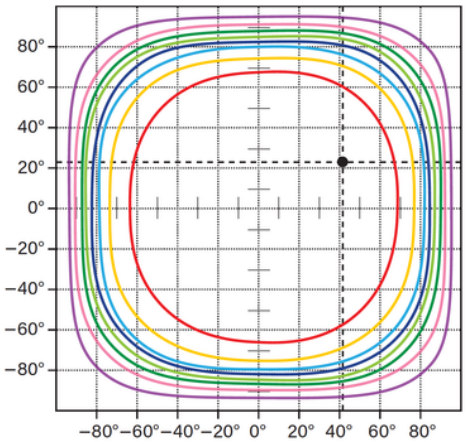
# CAN-RND-LED-XXSW-SCT3
LED Round Canopy Light Fixture

## PHOTOMETRIC SPECIFICATIONS
CAN-RND-LED-40SW-SCT3 | 160°

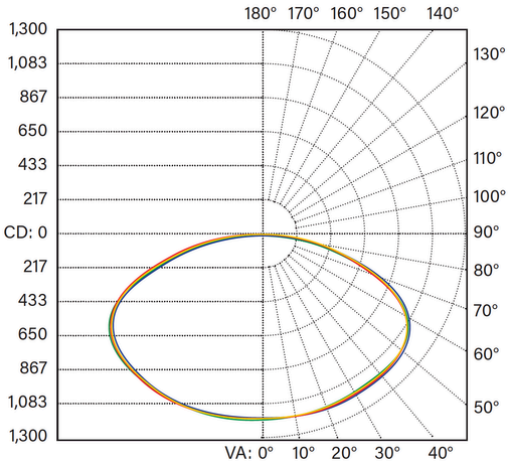
### ISOCANDELA PLOT




--- Point of Max Cd: 1,200.2

- Cd: 1,080; 90%
- Cd: 900; 75%
- Cd: 720; 60%
- Cd: 600; 50%
- Cd: 480; 40%
- Cd: 360; 30%
- Cd: 240; 20%
- Cd: 120; 10%

### POLAR CANDELA DISTRIBUTION



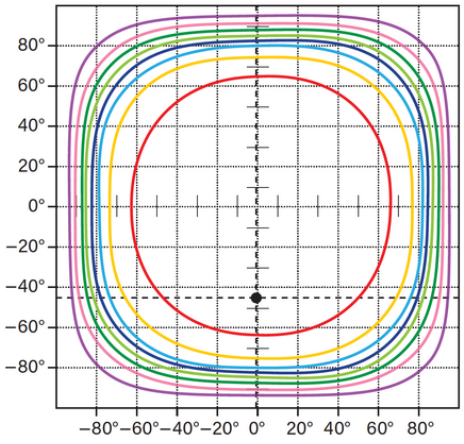

- : 0° H
- : 90° H
- : 22.5° H
- : 45° H

### ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0°-30° | 987.9 | 18.4% |
| 0°-40° | 1,728.5 | 32.2% |
| 0°-60° | 3,647.6 | 68% |
| 60°-90° | 1,687.0 | 31.5% |
| 70°-100° | 730.5 | 13.6% |
| 90°-120° | 12.6 | 0.2% |
| 0°-90° | 5,334.6 | 99.5% |
| 90°-180° | 25.8 | 0.5% |
| 0°-180° | 5,360.4 | 100.0% |

## PHOTOMETRIC SPECIFICATIONS
CAN-RND-LED-25SW-SCT3 | 160°

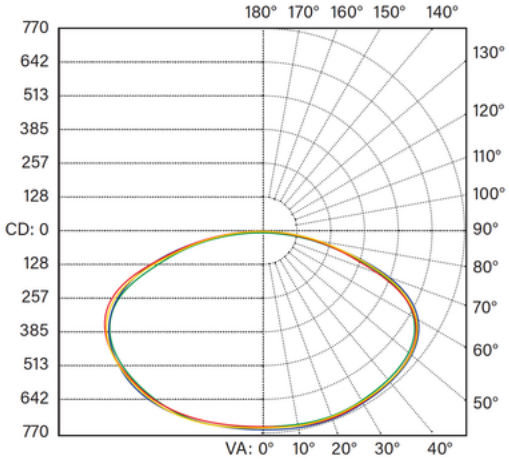
### ISOCANDELA PLOT




--- Point of Max Cd: 762.2

- Cd: 686; 90%
- Cd: 572; 75%
- Cd: 457; 60%
- Cd: 381; 50%
- Cd: 305; 40%
- Cd: 229; 30%
- Cd: 152; 20%
- Cd: 76; 10%

### POLAR CANDELA DISTRIBUTION




- : 0° H
- : 90° H
- : 22.5° H
- : 45° H

### ZONAL LUMEN SUMMARY

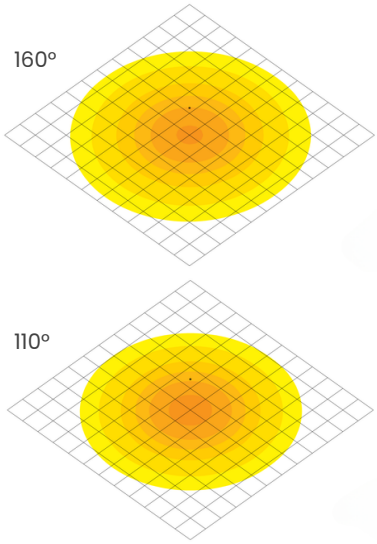
| Zone | Lumens | % Luminaire |
|---|---|---|
| 0°-30° | 1,580.0 | 28.7% |
| 0°-40° | 2,580.0 | 46.8% |
| 0°-60° | 4,465.2 | 81.1% |
| 60°-90° | 1,021.6 | 18.5% |
| 70°-100° | 371.0 | 6.7% |
| 90°-120° | 8.4 | 0.2% |
| 0°-90° | 5,486.8 | 99.6% |
| 90°-180° | 22.3 | 0.4% |
| 0°-180° | 5,509.2 | 100.0% |

KB LIGHTING

# CAN-RND-LED-XXSW-SCT3
LED Round Canopy Light Fixture

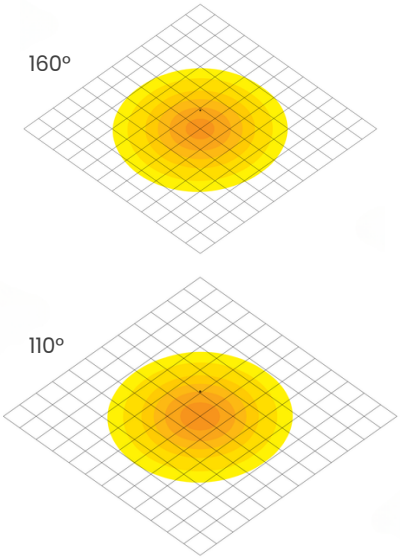
## LIGHT DISTRIBUTION PATTERN

### CAN-RND-LED-60SW-SCT3



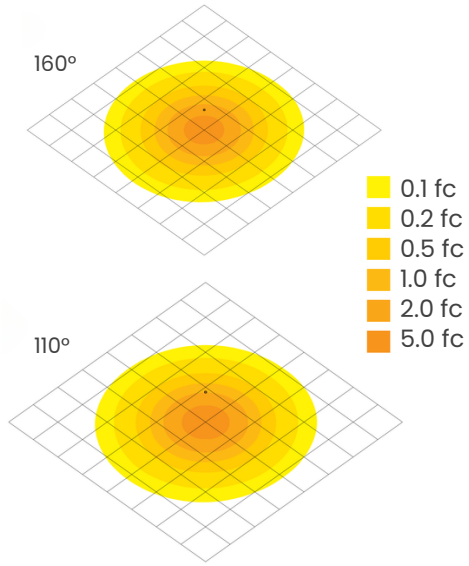

- Mounting height: 20’
- Grid lines interval: 10’

### CAN-RND-LED-40SW-SCT3




- Mounting height: 15’
- Grid lines interval: 10’

### CAN-RND-LED-25SW-SCT3

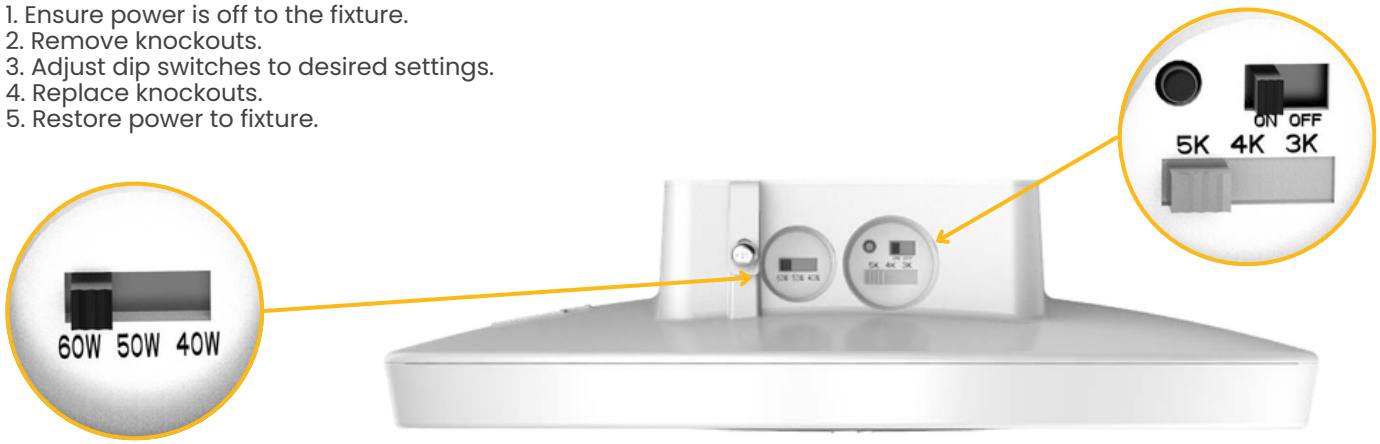



- Mounting height: 12’
- Grid lines interval: 10’

## POWER SELECT (WATTAGE), COLOR SELECT (CCT), AND PHOTOCELL ADJUSTMENT

This fixture is equipped with field-adjustable Power Select and Color Select technology.

1. Ensure power is off to the fixture.
2. Remove knockouts.
3. Adjust dip switches to desired settings.
4. Replace knockouts.
5. Restore power to fixture.

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Specifications and dimensions subject to change without notice.

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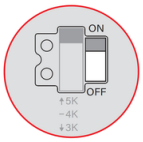
# CAN-RND-LED-XXSW-SCT3
LED Round Canopy Light Fixture

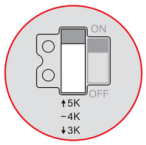
## POWER SELECT (WATTAGE), COLOR SELECT (CCT), AND PHOTOCELL ADJUSTMENT

**POWER SELECT ADJUSTMENT SWITCH**
Set dip switch to adjust wattage. Fixture comes preset at highest wattage.

**PHOTOCELL ON/OFF SWITCH**
Set dip switch to turn on or turn off built-in photocell.




**COLOR SELECT ADJUSTMENT SWITCH**
Set dip switch to adjust CCT between 3000K, 4000K, and 5000K. Fixture comes preset at 5000K.




**CAN-RND-LED-60SW-SCT3**
**CAN-RND-LED-60SW-SCT3-W**

| WATTAGE | CCT |
|---|---|
| 60W<br>50W<br>40W | 3000K |
| | 4000K |
| | 5000K |

**CAN-RND-LED-40SW-SCT3**
**CAN-RND-LED-40SW-SCT3-W**

| WATTAGE | CCT |
|---|---|
| 40W<br>30W<br>20W | 3000K |
| | 4000K |
| | 5000K |

**CAN-RND-LED-25SW-SCT3**

| WATTAGE | CCT |
|---|---|
| 25W<br>20W<br>15W | 3000K |
| | 4000K |
| | 5000K |

### TOOL-FREE LENS INSTALLATION

1. Unscrew and remove lens cover from fixture.
2. Twist lens until notch lines up with open. Remove lens from fixture. (If using screw-in sensor or controller, install after lens is removed)
3. Screw on replacement lens (twist until notch lines up with close) on page 2.
4. Screw on lens cover.

Screw-in sensor receptacle

Lens

Lens Cover

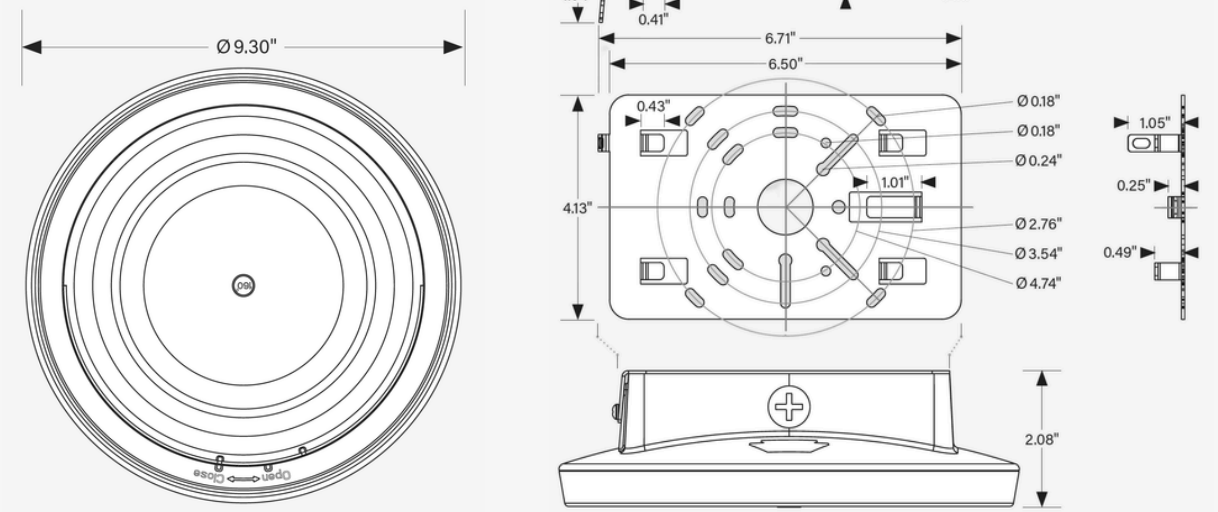
KB LIGHTING

# CAN-RND-LED-XXSW-SCT3

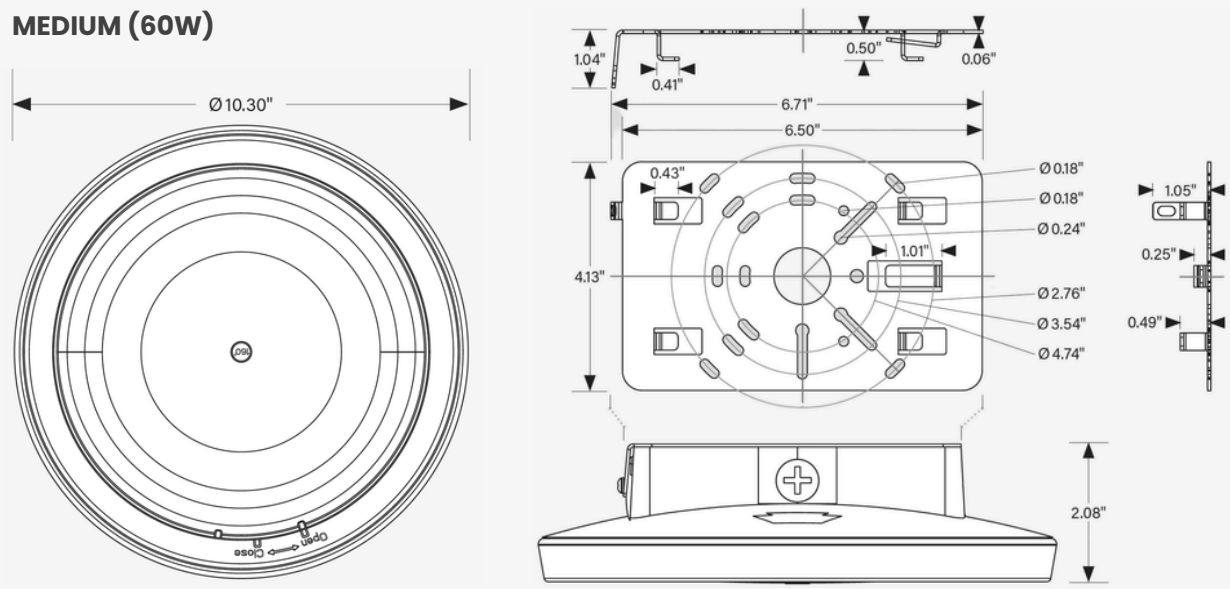
LED Round Canopy Light Fixture

## WIRING DIAGRAMS

### SMALL (25W, 40W)



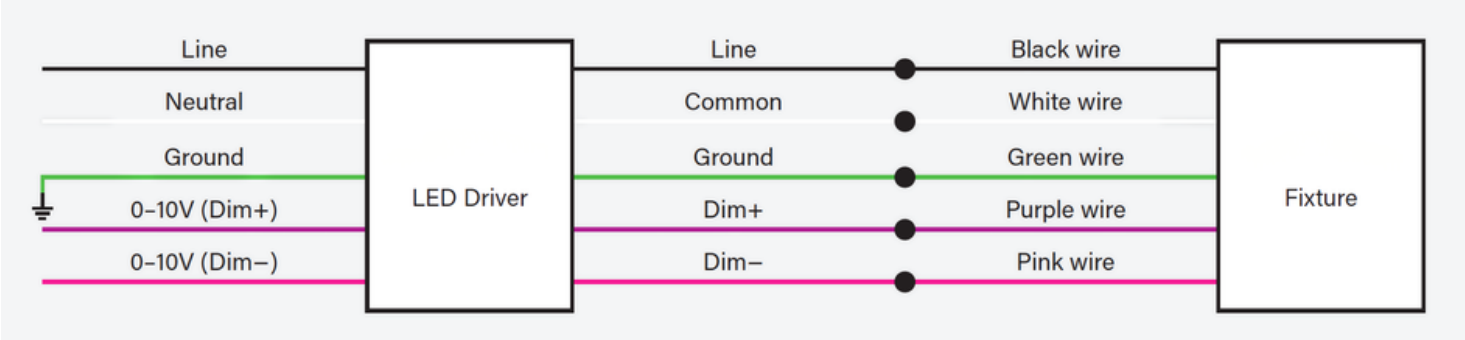

### MEDIUM (60W)

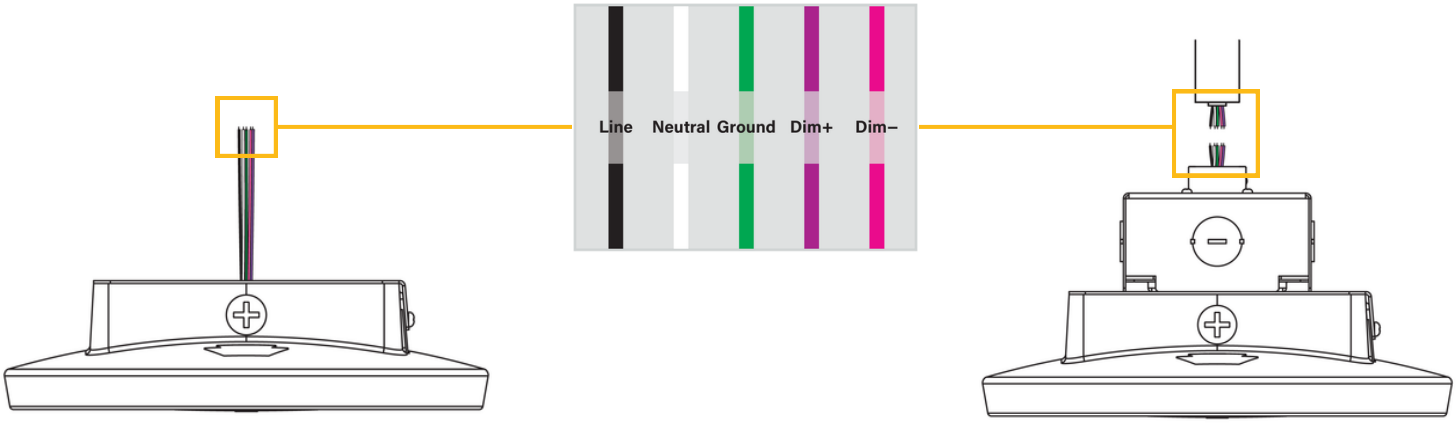


KB LIGHTING

# CAN-RND-LED-XXSW-SCT3
LED Round Canopy Light Fixture

## DIMENSIONS




## ACCESSORIES (SOLD SEPERATELY)

### SENSORS / CONTROLLERS

**Factory-Installable OR Field-Installable** (field-installable purchased separately)

| ✓ | SUFFIX | CATALOG NUMBER | DESCRIPTION | UPC | EASY CODE |
|---|---|---|---|---|---|
| | /FC4 | SL-FC4-12V-PKO | Bluetooth mesh wireless screw-in low voltage fixture controller for LLLC SmartLoop system | 843654149066 | RUN-10 |
| | /MW3 | S-MW3-12V-PKO | 12V Microwave Occupancy Sensor | 843654135212 | TRM-32 |

Screw-in Fixture Controller
SL-FC4-12V-PKO

Screw-in Microwave Sensor
S-MW3-12V-PKO

KB Lighting Mfg Co Inc | 2515 Metropolitan Drive, Trevose, PA 19053 | P: 215-953-6663 | F: 215-953-6710 | info@kblighting.com
Specifications and dimensions subject to change without notice.

KB LIGHTING

# CAN-RND-LED-XXSW-SCT3
LED Round Canopy Light Fixture

## ACCESSORIES (SOLD SEPERATELY)

### LENSES

**Field-Installable / Field-Use ONLY** (field-installable purchased separately)

| CATALOG NUMBER | DESCRIPTION | UPC | EASY CODE |
|---|---|---|---|
| CLED-LENS-M2-160-KIT | 160° Replacement Lens \| Medium Housing | 843654164656 | RPV-17 |
| CLED-LENS-S2-160-KIT | 160° Replacement Lens \| Small Housing | 843654164663 | GHD-00 |
| CLED-LENS-M2-110-KIT | 110° Replacement Lens \| Medium Housing | 843654164670 | TLG-59 |
| CLED-LENS-S2-110-KIT | 110° Replacement Lens \| Small Housing | 843654164687 | MCU-12 |

### MOUNTS & BRACKETS

**Field-Installable / Field-Use ONLY** (purchased separately)

| CATALOG NUMBER | DESCRIPTION | UPC | EASY CODE |
|---|---|---|---|
| CLED-BP-15 | 15" mounting back plate | 843654152028 | FHA-85 |
| CLED-SM-1-KIT | Surface mount / pendant mount kit \| Attaches to pre-installed mounting plate | 843654160368 | HRA-27 |
| CLED-TM-1-KIT | Trunnion mount kit \| Must be used with surface mount kit, CLED-SM-1-KIT | 843654164090 | ODY-40 |
| CLED-BP-15-W | 15" mounting back plate | 843654152035 | CEU-41 |
| CLED-SM-1-KIT-W | Surface mount / pendant mount kit \| Attaches to pre-installed mounting plate | 843654160375 | ZDU-78 |
| CLED-TM-1-KIT-W | Trunnion mount kit \| Must be used with surface mount kit, CLED-SM-1-KIT-W | 843654164106 | DPP-15 |

15" Mounting Back Plate
CLED-BP-15

Surface/Pendant Mount
CLED-SM-1-KIT

Trunnion Mount Kit
CLED-TM-1-KIT



15" Mounting Back Plate
CLED-BP-15-W

Surface/Pendant Mount
CLED-SM-1-KIT-W

Trunnion Mount Kit
CLED-TM-1-KIT-W

** For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).*

KB LIGHTING

# CAN-RND-LED-XXSW-SCT3
LED Round Canopy Light Fixture

## FIXTURE ORDERING INFORMATION

| ORDER CODE | UPC | EASY CODE | DLC PRODUCT ID |
|---|---|---|---|
| CAN-RND-LED-60SW-SCT3 | 843654164601 | VOL-27 | S-L4DTJX<br>S-2ZW6V5<br>S-4JPW7G |
| CAN-RND-LED-60SW-SCT3-W | 843654164618 | NLC-47 | S-L4DTJX<br>S-2ZW6V5<br>S-4JPW7G |
| CAN-RND-LED-40SW-SCT3 | 843654164625 | AMI-67 | S-VZY1L5<br>S-NTWWX0<br>S-JJN0WF |
| CAN-RND-LED-40SW-SCT3-W | 843654164632 | AVW-02 | S-VZY1L5<br>S-NTWWX0<br>S-JJN0WF |
| CAN-RND-LED-25SW-SCT3 | 843654164649 | KPX-98 | S-20R83Y<br>S-J55NGY<br>S-HM9CQH |