SATCO | NUVO

# ROUND COMMERCIAL DOWNLIGHTS

## PERFORMER SERIES | FIELD SELECTABLE REMOTE DRIVER





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## GENERAL SPECIFICATIONS

**Range Volatge:** 120V-347V
**Frequency:** 50/60Hz
**Power Factor:** >0.9
**THD:** <30%
**Dimming:** 0-10V Dimmable Down to 10%
**CRI:** 90+
**CCT Selectable:** 2700K/3000K/3500K/4000K/5000K
**Beam Angle:** 90°
**Location Rating:** Wet
**Ambient Operating Temperature:**
-25°C (-13°F) to +40°C (+104°F)

**IC Rated:** Yes
**IP Rating:** 54
**Air Tight Rated:** Yes
**Finish:** Matte White
**Construction:** Aluminum
**Lens Material:** Polycarbonate
**Functional Life:** 50,000 Hours
**Warranty:** 5 Years

## ITEM SPECIFICATIONS / ORDER INFO

| Item | Size | Lumens | Wattage Selectable | Max. Replacement Wattage | Efficacy |
|---|---|---|---|---|---|
| S13510 | 4" | 1100/900/650 | 12W/9W/6W | 75W | up to 91 LPW |
| S13511 | 6" | 2000/1500/1100 | 24W/16W/12W | 100W | up to 83 LPW |
| S13512 | 8" | 2500/2000/1500 | 30W/22W/16W | 125W | up to 83 LPW |

## FEATURES


Aluminum Trim & PC Lens


Remote Driver for Shallow Plenums


FT6 Cable for Commercial Use


Spring Clips for Easy Installation


CCT & Wattage Selectable Switches

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING: Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to your product packaging for more information.

Meets requirements of ICES-005 issue 5. 120V: class B for use in residential applications. 277V & 347V: class A for commercial, industrial or business applications.

Fixture may not be compatible with all dimmers. See satco.com for details.

Replacement wattage shown depends on application and fixture.

Specifications are subject to change without prior notice.

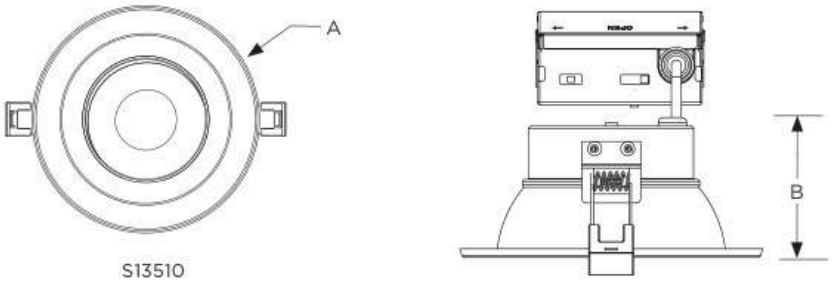
Visit satco.com/service/warranty for complete warranty details.

**SATCO.COM | 800-437-2826**

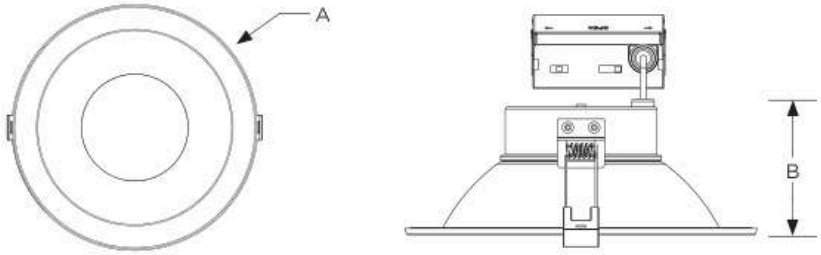
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## DIMENSIONS / WEIGHTS

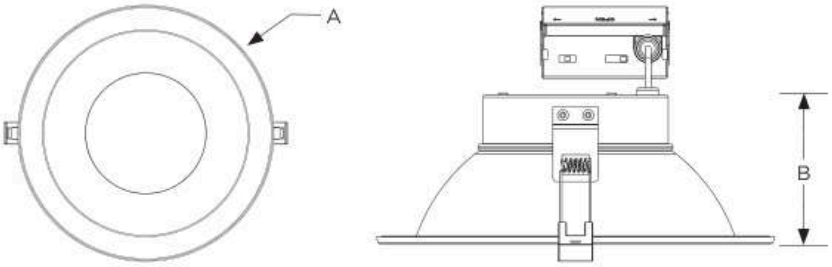
| Item | Diameter (A) | Height (B) | Weight |
|---|---|---|---|
| S13510 | 5.04" | 2.35" | 0.79 Lbs. |
| S13511 | 7.36" | 2.84" | 0.95 Lbs. |
| S13512 | 8.66" | 3.40" | 1.10 Lbs. |




S13510

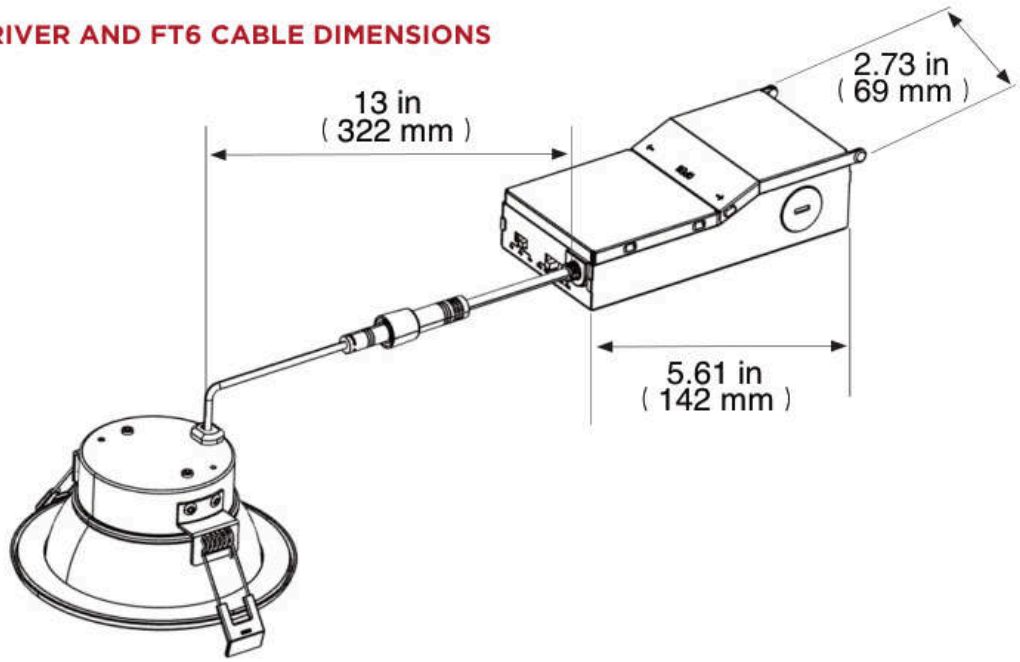



S13511




S13512

## REMOTE DRIVER AND FT6 CABLE DIMENSIONS





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## OPTIONAL ACCESSORIES

| Item | Description |
|---|---|
| COMPATIBLE WITH S13510 | |
| 80-865 | 4" Asymmetric Mounting Plate For New Construction |
| 80-997 | Hanger Bar Kit; For Asymmetrical Plates; New Construction |
| 80-943 | 4" Mounting Plate With Hanger Bars For New Construction |
| 80-950 | 4" Mounting Plate For Stud/Joist Mounting For New Construction |
| S13520 | 4" Round Commercial DL Trim; Clear/White Finish |
| S13521 | 4" Round Commercial DL Trim; Clear Finish |
| S13522 | 4" Round Commercial DL Trim; Black Finish |
| S13540 | 4" Round Goof Ring for Commercial Downlights; White Finish |
| COMPATIBLE WITH S13511 | |
| 80-866 | 6" Asymmetric Mounting Plate For New Construction |
| 80-997 | Hanger Bar Kit; For Asymmetrical Plates; New Construction |
| 80-944 | 6" Mounting Plate With Hanger Bars For New Construction |
| 80-952 | 6" Mounting Plate For Stud/Joist Mounting For New Construction |
| S13525 | 6" Round Commercial DL Trim; Clear/White Finish |
| S13526 | 6" Round Commercial DL Trim; Clear Finish |
| S13527 | 6" Round Commercial DL Trim; Black Finish |
| S13541 | 6" Round Goof Ring for Commercial Downlights; White Finish |
| COMPATIBLE WITH S13512 | |
| 80-945 | 8" Mounting Plate With Hanger Bars For New Construction |
| 80-953 | 8" Mounting Plate For Stud/Joist Mounting For New Construction |
| S13530 | 8" Round Commercial DL Trim; Clear/White Finish |
| S13531 | 8" Round Commercial DL Trim; Clear Finish |
| S13532 | 8" Round Commercial DL Trim; Black Finish |
| S13542 | 8" Round Goof Ring for Commercial Downlights; White Finish |


Asymmetric Mounting Plate


Hanger Bar Kit

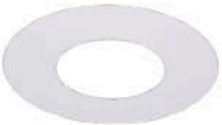

Mounting Plate with Hanger Bars


Mounting Plate for Stud/Joist


Clear/White Commercial Trim


Clear Commercial Trim


Black Commercial Trim


Goof Ring

## ACCESSORIES ASSOCIATED WITH ALL SKUS

| Item | Description |
|---|---|
| 80-867 | Universal Mounting Plate For New Construction |
| 80-959 | Rough-In Mounting Plate For 4/6/8 Or 10 Inch |
| 80-985 | 6 Foot Remote Driver 3-Pin Ext |


80-867


80-959


80-985

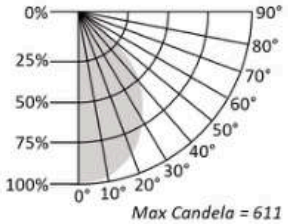

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## PHOTOMETRICS

### SATCO Item: S13510

Description: 12WLED/CDL/4/RD/FS/RND
Default PowerQuick Setting: 12W
Default ColorQuick Setting: 3000K
1113 LM, 11.01 W, 101 LPW
Beam Angle: 83°
Field Angle: 130°
Spacing Criteria (0°-180°): 1.09
Spacing Criteria (90°-270°): 1.11

**Candela Polar Plot**




*Max Candela = 611*

**Zonal Lumens**

| Zone | Lumens | %Luminaire |
|---|---|---|
| 0-30° | 447 | 40.2% |
| 0-40° | 689 | 61.9% |
| 0-60° | 1008 | 90.6% |
| 0-90° | 1113 | 100.0% |
| 90-180° | 0 | 0.0% |
| 0-180° | 1113 | 100.0% |

**Illumination at Distance**

| Distance | Center Beam / Beam Spread |
|---|---|
| 4ft | 38fc / 7.0ft |
| 6ft | 17fc / 10.5ft |
| 8ft | 10fc / 14.0ft |
| 10ft | 6fc / 17.5ft |
| 12ft | 4fc / 21.0ft |

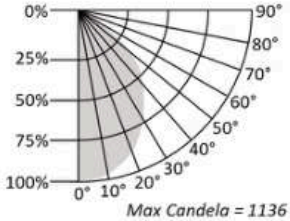
**Lumen Multipliers**

| 2700K | 3000K | 3500K | 4000K | 5000K | 6W | 9W | 12W |
|---|---|---|---|---|---|---|---|
| 0.95 | 1.00 | 1.04 | 1.05 | 1.00 | 0.55 | 0.81 | 1.00 |

### SATCO Item: S13511

Description: 24WLED/CDL/6/RD/FS/RND
Default PowerQuick Setting: 24W
Default ColorQuick Setting: 3000K
2154 LM, 22.05 W, 98 LPW
Beam Angle: 89°
Field Angle: 128°
Spacing Criteria (0°-180°): 1.13
Spacing Criteria (90°-270°): 1.13

**Candela Polar Plot**




*Max Candela = 1136*

**Zonal Lumens**

| Zone | Lumens | %Luminaire |
|---|---|---|
| 0-30° | 835 | 38.7% |
| 0-40° | 1310 | 60.8% |
| 0-60° | 2006 | 93.1% |
| 0-90° | 2154 | 100.0% |
| 90-180° | 0 | 0.0% |
| 0-180° | 2154 | 100.0% |

**Illumination at Distance**

| Distance | Center Beam / Beam Spread |
|---|---|
| 4ft | 71fc / 7.9ft |
| 6ft | 32fc / 11.8ft |
| 8ft | 18fc / 15.7ft |
| 10ft | 11fc / 19.7ft |
| 12ft | 8fc / 23.6ft |

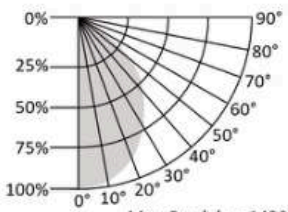
**Lumen Multipliers**

| 2700K | 3000K | 3500K | 4000K | 5000K | 12W | 16W | 24W |
|---|---|---|---|---|---|---|---|
| 0.93 | 1.00 | 1.05 | 1.05 | 0.98 | 0.58 | 0.76 | 1.00 |

### SATCO Item: S13512

Description: 30WLED/CDL/8/RD/FS/RND
Default PowerQuick Setting: 30W
Default ColorQuick Setting: 3000K
2718 LM, 26.66 W, 102 LPW
Beam Angle: 89°
Field Angle: 127°
Spacing Criteria (0°-180°): 1.14
Spacing Criteria (90°-270°): 1.14

**Candela Polar Plot**




*Max Candela = 1439*

**Zonal Lumens**

| Zone | Lumens | %Luminaire |
|---|---|---|
| 0-30° | 1059 | 39.0% |
| 0-40° | 1672 | 61.5% |
| 0-60° | 2522 | 92.8% |
| 0-90° | 2718 | 100.0% |
| 90-180° | 0 | 0.0% |
| 0-180° | 2718 | 100.0% |

**Illumination at Distance**

| Distance | Center Beam / Beam Spread |
|---|---|
| 4ft | 90fc / 7.8ft |
| 6ft | 40fc / 11.7ft |
| 8ft | 23fc / 15.6ft |
| 10ft | 14fc / 19.6ft |
| 12ft | 10fc / 23.5ft |

**Lumen Multipliers**

| 2700K | 3000K | 3500K | 4000K | 5000K | 16W | 22W | 30W |
|---|---|---|---|---|---|---|---|
| 0.93 | 1.00 | 1.05 | 1.05 | 0.99 | 0.60 | 0.82 | 1.00 |


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