



**5 CCT SELECTABLE**

**SMOOTH REGRESS BAFFLE  
FOR REDUCED GLARE**

**NON-CONDUCTIVE DEAD  
FRONT TRIM**

**OFFERED IN 4" & 5/6" SIZES  
BOTH ROUND AND SQUARE**

**90 CRI HIGH QUALITY  
ILLUMINATION**

**SUGGESTED APPLICATIONS**

Residential  
Offices  
Retail  
Multifamily  
Hospitality

# LED RETROFIT DOWNLIGHTS

## PERFORMER SERIES | SMOOTH REGRESS



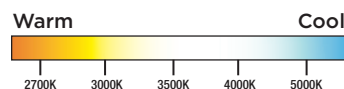
S12600



S12605



**ColorQuick**  
Selectable Color Technology



SATCO|NUVO's Performer Series LED Retrofit Downlights offer easy installation with a refined design. Available in 4" and 5/6" models with round or square trims, they feature a smooth regress baffle to reduce glare and a convenient on-unit switch for selecting from 5 color temperatures. The included E26 adapter supports both remodel and new construction projects. Rated for wet locations and equipped with non-conductive dead-front trim, these downlights are ideal for use in showers and other damp environments. With a high CRI of 90, they deliver bright, energy-efficient lighting with accurate color rendering for any setting.



### GENERAL SPECIFICATIONS

**Input Voltage:** 120V  
**Frequency:** 60Hz  
**Power Factor:** >0.9  
**Dimming statement:** Phase-Cut Dimmable Down to 10%  
**CRI:** 90  
**CCT Selectable:** 2700K/3000K/3500K/4000K/5000K  
**Beam Angle:** 90°  
**Location Rating:** Wet

**Efficacy:** up to 94 LPW  
**Ambient Operating Temperature:** -20°C (-4°F) to +40°C (+104°F)  
**Suitable for bathroom applications:** Yes  
**Air Tight Rated:** Yes  
**Material:** White/Plastic  
**Lens Finish:** Matte Frosted  
**Functional Life:** 50,000 Hours  
**Warranty:** 5 Years

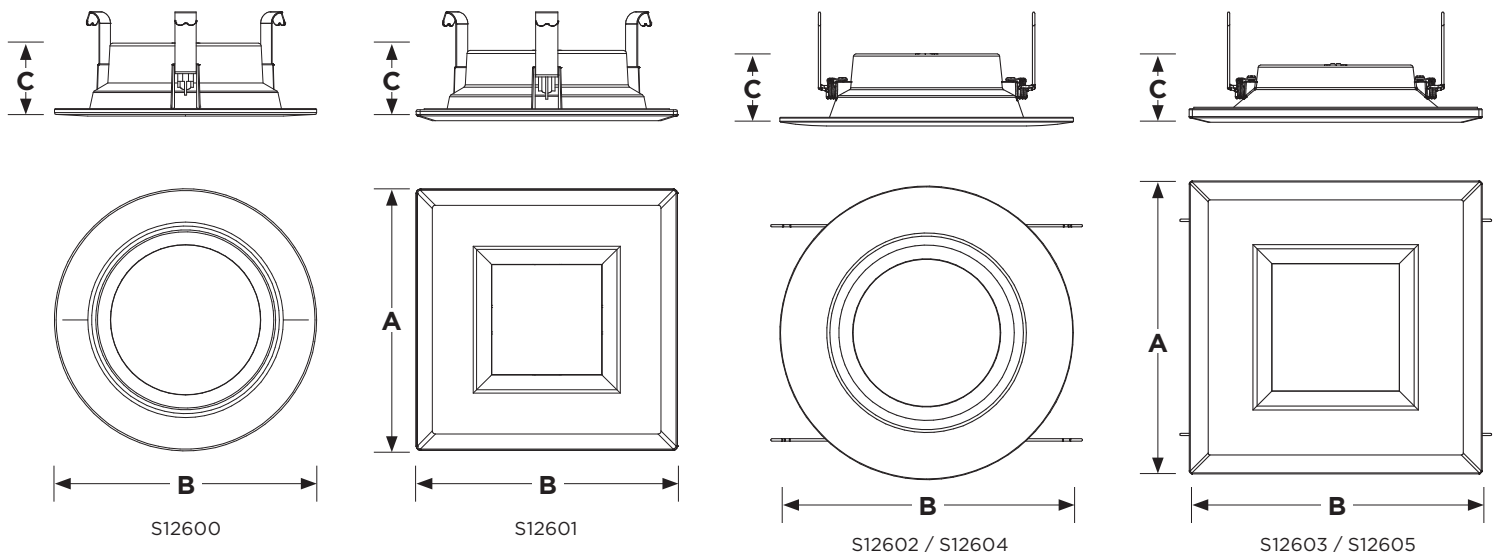


### ITEM SPECIFICATIONS / ORDER INFO

| Catalog Number | Size | Shape  | Lumens | Wattage | Replacement Wattage | Input Current |
|----------------|------|--------|--------|---------|---------------------|---------------|
| S12600         | 4"   | Round  | 600    | 6.5W    | 50W                 | 0.07          |
| S12601         | 4"   | Square | 600    | 6.5W    | 50W                 | 0.07          |
| S12602         | 5-6" | Round  | 650    | 7.5W    | 50W                 | 0.08          |
| S12603         | 5-6" | Square | 650    | 7.5W    | 50W                 | 0.08          |
| S12604         | 5-6" | Round  | 900    | 9.5W    | 70W                 | 0.10          |
| S12605         | 5-6" | Square | 900    | 9.5W    | 70W                 | 0.10          |

### DIMENSIONS / WEIGHTS

| Catalog Number | Length (A) | Width/Diameter (B) | Height (C) | Weight    |
|----------------|------------|--------------------|------------|-----------|
| S12600         | -          | 5.30"              | 1.48"      | 0.25 Lbs. |
| S12601         | 5.30"      | 5.30"              | 1.35"      | 0.27 Lbs. |
| S12602         | -          | 7.36"              | 1.84"      | 0.39 Lbs. |
| S12603         | 7.36"      | 7.36"              | 1.43"      | 0.50 Lbs. |
| S12604         | -          | 7.36"              | 1.84"      | 0.39 Lbs. |
| S12605         | 7.36"      | 7.36"              | 1.43"      | 0.50 Lbs. |



### FEATURES



Smooth Baffle Plastic Trim



LED Quick Connect



CCT Selectable Switch



E26 Adapter  
(Included)

### OPTIONAL ACCESSORIES

| Item   | ADAPTER                                                                   |                                                                                       |
|--------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 80-868 | DLR SOCKET WHIP FOR DL CANS (Fits: S12600-S12605)                         |    |
| S8999  | GU24 SOCKET ADAPTER FOR RECESSED DOWNLIGHTS (Fits: S12600-S12605)         |    |
| S9000  | GU10 SOCKET ADAPTER FOR RECESSED DOWNLIGHTS (Fits: S12600-S12605)         |  |
| S12620 | ADJ. WIDTH PRESSURE BRACKET FOR 5/6" DL RETROFIT ( Fits: S12602 - S12605) |  |
| S12621 | FRICTION BAND FOR 5/6" DL RETROFIT (Fits: S12602 - S12605)                |  |
| Item   | RECESSED CAN                                                              |                                                                                       |
| 80-980 | 4" RECESSED CAN FOR NEW CONSTRUCTION (Fits: S12600 & S12601)              |  |
| 80-981 | 4" RECESSED CAN FOR REMODELING (Fits: S12600 & S12601)                    |  |
| 80-982 | 5" RECESSED CAN FOR NEW CONSTRUCTION (Fits: S12602 - S12605)              |  |
| 80-983 | 5" RECESSED CAN FOR REMODELING (Fits: S12602 - S12605)                    |  |
| 80-988 | 6" RECESSED CAN FOR NEW CONSTRUCTION (Fits: S12602 - S12605)              |  |
| 80-989 | 6" RECESSED CAN FOR REMODELING (Fits: S12602 - S12605)                    |  |

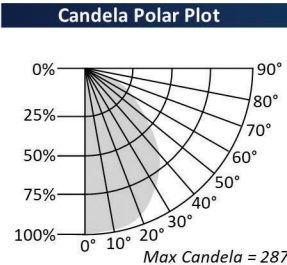
**PHOTOMETRICS**
**4/6" Round Models**
**SATCO Item: S12600**

Description: 6WLED/DLR/4/5CCT/E/RND/WH  
 ColorQuick Setting: 3000K  
 628 LM, 6.40 W, 98 LPW  
 Beam Angle: 96°  
 Field Angle: 138°  
 Spacing Criteria (0°-180°): 1.20  
 Spacing Criteria (90°-270°): 1.20

| Zonal Lumens |        |            |
|--------------|--------|------------|
| Zone         | Lumens | %Luminaire |
| 0-30°        | 219    | 34.8%      |
| 0-40°        | 351    | 55.8%      |
| 0-60°        | 565    | 89.9%      |
| 0-90°        | 628    | 100.0%     |
| 90-180°      | 0      | 0.0%       |
| 0-180°       | 628    | 100.0%     |

| Lumen Multiplier |       |       |       |       |  |
|------------------|-------|-------|-------|-------|--|
| 2700K            | 3000K | 3500K | 4000K | 5000K |  |
| 1.00             | 1.01  | 1.07  | 1.06  | 1.12  |  |



**Illumination at Distance**

| Distance | Center Beam | Beam Spread |
|----------|-------------|-------------|
| 4ft      | 18fc        | 8.9ft       |
| 6ft      | 8fc         | 13.4ft      |
| 8ft      | 5fc         | 17.8ft      |
| 10ft     | 3fc         | 22.3ft      |
| 12ft     | 2fc         | 26.8ft      |

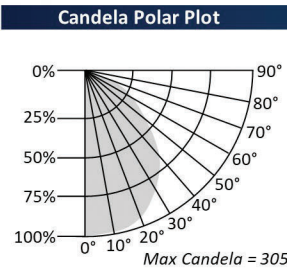
**SATCO Item: S12602**

Description: 8WLED/DLR/5-6/5CCT/E/RND/WH  
 ColorQuick Setting: 3000K  
 678 LM, 7.40 W, 92 LPW  
 Beam Angle: 98°  
 Field Angle: 138°  
 Spacing Criteria (0°-180°): 1.21  
 Spacing Criteria (90°-270°): 1.21

| Zonal Lumens |        |            |
|--------------|--------|------------|
| Zone         | Lumens | %Luminaire |
| 0-30°        | 233    | 34.3%      |
| 0-40°        | 375    | 55.3%      |
| 0-60°        | 609    | 89.9%      |
| 0-90°        | 678    | 100.0%     |
| 90-180°      | 0      | 0.0%       |
| 0-180°       | 678    | 100.0%     |

| Lumen Multiplier |       |       |       |       |  |
|------------------|-------|-------|-------|-------|--|
| 2700K            | 3000K | 3500K | 4000K | 5000K |  |
| 1.00             | 1.02  | 1.05  | 1.06  | 1.04  |  |



**Illumination at Distance**

| Distance | Center Beam | Beam Spread |
|----------|-------------|-------------|
| 4ft      | 19fc        | 9.2ft       |
| 6ft      | 9fc         | 13.7ft      |
| 8ft      | 5fc         | 18.3ft      |
| 10ft     | 3fc         | 22.9ft      |
| 12ft     | 2fc         | 27.5ft      |

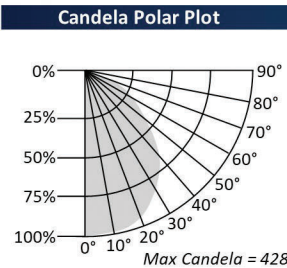
**SATCO Item: S12604**

Description: 10WLED/DLR/5-6/5CCT/E/RND/WH  
 ColorQuick Setting: 3000K  
 950 LM, 9.40 W, 101 LPW  
 Beam Angle: 98°  
 Field Angle: 138°  
 Spacing Criteria (0°-180°): 1.22  
 Spacing Criteria (90°-270°): 1.21

| Zonal Lumens |        |            |
|--------------|--------|------------|
| Zone         | Lumens | %Luminaire |
| 0-30°        | 326    | 34.3%      |
| 0-40°        | 525    | 55.3%      |
| 0-60°        | 854    | 89.9%      |
| 0-90°        | 950    | 100.0%     |
| 90-180°      | 0      | 0.0%       |
| 0-180°       | 950    | 100.0%     |

| Lumen Multiplier |       |       |       |       |  |
|------------------|-------|-------|-------|-------|--|
| 2700K            | 3000K | 3500K | 4000K | 5000K |  |
| 1.00             | 1.03  | 1.09  | 1.08  | 1.02  |  |



**Illumination at Distance**

| Distance | Center Beam | Beam Spread |
|----------|-------------|-------------|
| 4ft      | 27fc        | 9.1ft       |
| 6ft      | 12fc        | 13.7ft      |
| 8ft      | 7fc         | 18.3ft      |
| 10ft     | 4fc         | 22.8ft      |
| 12ft     | 3fc         | 27.4ft      |

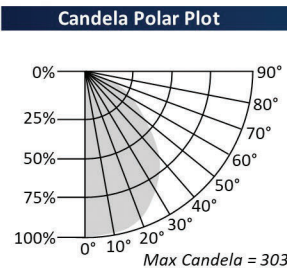
**4/6" Square Models**
**SATCO Item: S12601**

Description: 6WLED/DLR/4/5CCT/E/SQ/WH  
 ColorQuick Setting: 3000K  
 624 LM, 6.50 W, 96 LPW  
 Beam Angle: 89°  
 Field Angle: 139°  
 Spacing Criteria (0°-180°): 1.15  
 Spacing Criteria (90°-270°): 1.15

| Zonal Lumens |        |            |
|--------------|--------|------------|
| Zone         | Lumens | %Luminaire |
| 0-30°        | 225    | 36.1%      |
| 0-40°        | 355    | 56.9%      |
| 0-60°        | 558    | 89.4%      |
| 0-90°        | 624    | 100.0%     |
| 90-180°      | 0      | 0.0%       |
| 0-180°       | 624    | 100.0%     |

| Lumen Multiplier |       |       |       |       |  |
|------------------|-------|-------|-------|-------|--|
| 2700K            | 3000K | 3500K | 4000K | 5000K |  |
| 1.00             | 1.02  | 1.04  | 1.05  | 1.02  |  |



**Illumination at Distance**

| Distance | Center Beam | Beam Spread |
|----------|-------------|-------------|
| 4ft      | 19fc        | 7.9ft       |
| 6ft      | 8fc         | 11.8ft      |
| 8ft      | 5fc         | 15.8ft      |
| 10ft     | 3fc         | 19.7ft      |
| 12ft     | 2fc         | 23.6ft      |



### PHOTOMETRICS

## 4/6" Square Models

SATCO Item: S12603

Description: 8WLED/DLR/5-6/5CCT/E/SQ/WH  
ColorQuick Setting: 3000K  
671 LM, 7.40 W, 91 LPW  
Beam Angle: 97°  
Field Angle: 146°  
Spacing Criteria (0°-180°): 1.18  
Spacing Criteria (90°-270°): 1.19

| Zonal Lumens |        |            |
|--------------|--------|------------|
| Zone         | Lumens | %Luminaire |
| 0-30°        | 219    | 32.6%      |
| 0-40°        | 350    | 52.1%      |
| 0-60°        | 579    | 86.1%      |
| 0-90°        | 671    | 100.0%     |
| 90-180°      | 0      | 0.0%       |
| 0-180°       | 671    | 100.0%     |

| Lumen Multiplier |       |       |       |       |
|------------------|-------|-------|-------|-------|
| 2700K            | 3000K | 3500K | 4000K | 5000K |
| 1.00             | 1.03  | 1.05  | 1.06  | 1.04  |

Candela Polar Plot

Illumination at Distance

SATCO Item: S12605

Description: 10WLED/DLR/5-6/5CCT/E/SQ/WH  
ColorQuick Setting: 3000K  
935 LM, 9.50 W, 98 LPW  
Beam Angle: 97°  
Field Angle: 146°  
Spacing Criteria (0°-180°): 1.18  
Spacing Criteria (90°-270°): 1.19

| Zonal Lumens |        |            |
|--------------|--------|------------|
| Zone         | Lumens | %Luminaire |
| 0-30°        | 304    | 32.5%      |
| 0-40°        | 487    | 52.0%      |
| 0-60°        | 804    | 86.0%      |
| 0-90°        | 935    | 100.0%     |
| 90-180°      | 0      | 0.0%       |
| 0-180°       | 935    | 100.0%     |

| Lumen Multiplier |       |       |       |       |
|------------------|-------|-------|-------|-------|
| 2700K            | 3000K | 3500K | 4000K | 5000K |
| 1.00             | 1.02  | 1.05  | 1.06  | 1.04  |

Candela Polar Plot

Illumination at Distance

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 class B for use in residential applications.

Fixture may not be compatible with all dimmers.

Replacement wattage shown depends on application and fixture.

Specifications are subject to change without prior notice.