SATCO | NUVO



LED FIRE RATED SLIM FIT DOWNLIGHTS

REMOTE DRIVER | CCT SELECTABLE



Flat Lens



Stepped Baffle

ColorQuick®
Selectable Color Technology

Warm — Cool

2700K 3000K 3500K 4000K 5000K

- FIRE RATED UP TO 2 HOURS
- RED PAINTED BACKPLATE FOR EASY IDENTIFICATION
- 120V AND 120V-277V MODELS AVAILABLE
- FLAT LENS AND STEPPED BAFFLE TRIMS AVAILABLE IN 4" AND 6" CONFIGURATIONS
- NEC COMPLIANT JUNCTION BOX

SUGGESTED APPLICATIONS

Residential
Multi-family
Commercial
Hospitality
Offices

SATCO|NUVO's Fire Rated Recessed Downlights are engineered for use in fire-resistant ceiling construction and are certified for 2-hour fire protection when installed in most floor-ceiling assemblies, including UL Designs L505, L511, L536, L538, L541, L556, L577, M500, M510, M521, and M543. These low-profile luminaires feature a slim housing compatible with fire-rated ceiling assemblies up to 2 3/8" thick, along with a red-painted back housing for rapid identification during inspections. Designed to deliver consistent, high-quality illumination with integrated fire-safety performance, these downlights support residential, multi-family, and commercial installations.

2 HR FIRE RATED · 90 CRI · DIMMABLE · WET LOCATION · IC RATED · AIR TIGHT · CLOSET RATED · 50,000 HOURS · 5 YEAR WARRANTY

TITLE 24 · ENERGY STAR · TAA COMPLIANT · TRUSTED NB WARRANTY

LED FIRE RATED SLIM FIT DOWNLIGHTS
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GENERAL SPECIFICATIONS

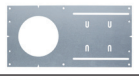
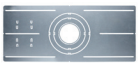
Power Factor: >0.9
THD: <20%
Dimmable: Down to 10%
Efficacy: Up to 84 LPW
CRI: 90+
CCT Selectable: 2700K/3000K/3500K/4000K/5000K
Beam Angle: 110°
Ambient Operating Temperature: -20°C (-4°F) to +40°C (+104°F)
Location Rating: Wet
2HR Fire Rated: Tested to comply with UL 263/ASTM E119/CAN-ULC S101-07

Suitable for Bathroom Applications: Yes
IC Rated: Yes
Airtight: Yes
Back Plate Color : Red
Trim Finish: White
Construction: Steel
Lens Construction: Frosted Polycarbonate
Functional Life: 50,000 Hours
Warranty: 5 Years

ITEM SPECIFICATIONS / ORDER INFO

Item	Size	Trim Style	Lumens	Wattage	Incandescent Replacement Wattage	Voltage	Dimming	Input Current	Frequency	Case Quantity
S11864R1	4"	Flat Lens	820	10W	60W	120V	Phase-Cut	0.08A	60Hz	6
S11865R1	4"	Stepped Baffle	820	10W	60W	120V	Phase-Cut	0.08A	60Hz	6
S11866R1	6"	Flat Lens	1100	13W	75W	120V	Phase-Cut	0.11A	60Hz	6
S11867R1	6"	Stepped Baffle	1100	13W	75W	120V	Phase-Cut	0.11A	60Hz	6
S11868R1	4"	Flat Lens	820	10W	60W	120V–277V	0-10V	0.08–0.04A	50/60Hz	6
S11869R1	6"	Flat Lens	1100	13W	75W	120V–277V	0-10V	0.11–0.05A	50/60Hz	6

OPTIONAL ACCESSORIES (SOLD SEPARATELY)

Item	Description	
80-865	DL NC Plate 4" RD Flat ASYM	
80-866	DL NC Plate 6" RD Flat ASYM	
80-867	DL NC Plate 3.5/4/6/8 RD Flat	
80-943	DL NC Plate 4" RD Hang Bars	
80-944	DL NC Plate 6" RD Hang Bars	
80-950	DL NC Plate 4" RD Flat	
80-987	EM Remote TS Plate	

Item	Description	
80-946	Goof Ring 4" - Direct Wire DL	
80-947	Goof Ring 6" - Direct Wire DL	
S8000	5W Emergency LED Driver	
S8002	10W Emergency LED Driver	
80-973	Emergency Driver Enclosure	
80-997	DL NC Plate Hanger Bar Kit	
80-985	Remote Driver 6' EXT CAB 3-PIN	

Specifications are subject to change without prior notice.
Replacement wattage shown depends on application and fixture.
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.
Fixture may not be compatible with all dimmers.
WARNING: This product can expose you to chemicals including Lead which is known to the State of California to cause cancer, or birth defects, or other reproductive harm. For more information, go to http://www.P65Warnings.ca.gov.
Meets requirements of ICES-005 issue 5 class B for use in residential applications.
Visit satco.com/service/warranty for complete warranty details.

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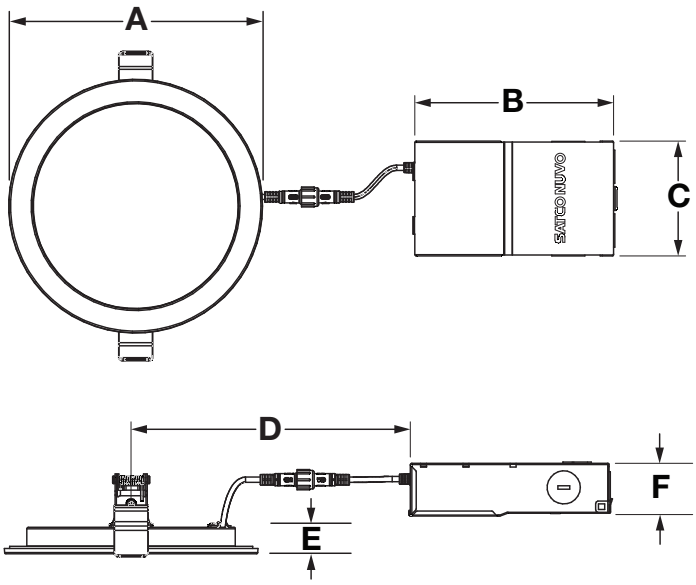
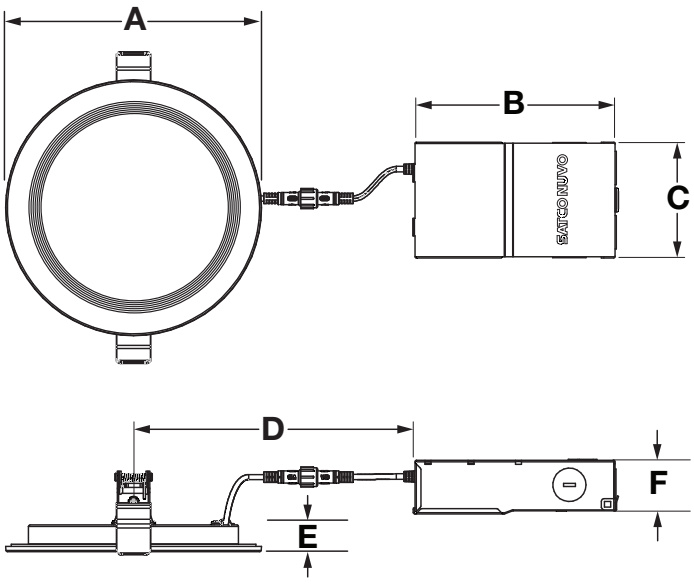
DIMENSIONS / WEIGHTS

Item	Trim Style	Diameter (A)	Driver Length (B)	Driver Width (C)	Cable Length (D)	Fixture Height (E)	Driver Height (F)	Weight
S11864R1	Flat Lens	4.75″	5.31″	3.07″	16.00″	0.88″	1.42″	1.03 Lbs.
S11865R1	Step Baffle	4.75″	5.31″	3.07″	16.00″	0.88″	1.42″	1.03 Lbs.
S11866R1	Flat Lens	6.79″	5.31″	3.07″	16.00″	0.88″	1.42″	1.39 Lbs.
S11867R1	Step Baffle	6.79″	5.31″	3.07″	16.00″	0.88″	1.42″	1.39 Lbs.
S11868R1	Flat Lens	4.75″	6.64″	3.86″	16.00″	0.88″	1.48″	1.49 Lbs.
S11869R1	Flat Lens	6.79″	6.64″	3.86″	16.00″	0.88″	1.48″	1.82 Lbs.

FLAT LENS MODELS



STEP BAFFLE MODELS



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PHOTOMETRICS

SATCO Item: S11864R1

Description: 10WLED/4/FR/CCT/SLF/RD/FL/RND
ColorQuick Setting: 2700K
855 LM, 9.94 W, 86 LPW
Beam Angle: 107°
Field Angle: 160°
Spacing Criteria (0°-180°): 1.21
Spacing Criteria (90°-270°): 1.22

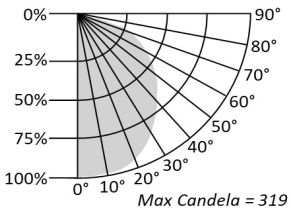
Zonal Lumens

Zone	Lumens	%Luminaire
0-30°	243	28.5%
0-40°	395	46.1%
0-60°	683	79.8%
0-90°	855	100.0%
90-180°	0	0.0%
0-180°	855	100.0%

Lumen Multiplier

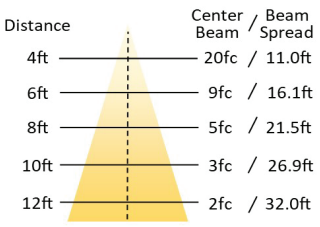
2700K	3000K	3500K	4000K	5000K
1.00	1.05	1.09	1.09	1.03

Candela Polar Plot



Max Candela = 319

Illumination at Distance



SATCO Item: S11865R1

Description: 10WLED/4/FR/CCT/SLF/RD/STB/RND
ColorQuick Setting: 2700K
823 LM, 9.97 W, 83 LPW
Beam Angle: 110°
Field Angle: 158°
Spacing Criteria (0°-180°): 1.24
Spacing Criteria (90°-270°): 1.25

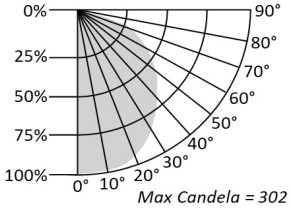
Zonal Lumens

Zone	Lumens	%Luminaire
0-30°	233	28.5%
0-40°	380	46.1%
0-60°	665	79.8%
0-90°	823	100.0%
90-180°	0	0.0%
0-180°	823	100.0%

Lumen Multiplier

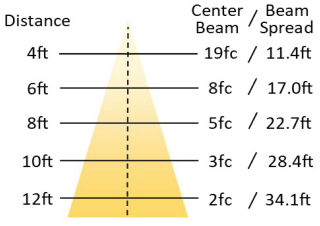
2700K	3000K	3500K	4000K	5000K
1.00	1.05	1.10	1.10	1.05

Candela Polar Plot



Max Candela = 302

Illumination at Distance



SATCO Item: S11866R1

Description: 13WLED/6/FR/CCT/SLF/RD/FL/RND
ColorQuick Setting: 2700K
1159 LM, 12.70 W, 91 LPW
Beam Angle: 108°
Field Angle: 161°
Spacing Criteria (0°-180°): 1.22
Spacing Criteria (90°-270°): 1.22

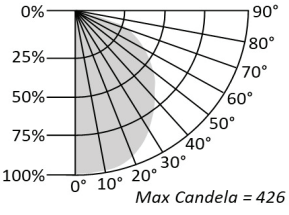
Zonal Lumens

Zone	Lumens	%Luminaire
0-30°	326	28.2%
0-40°	529	45.6%
0-60°	918	79.2%
0-90°	1159	100.0%
90-180°	0	0.0%
0-180°	1159	100.0%

Lumen Multiplier

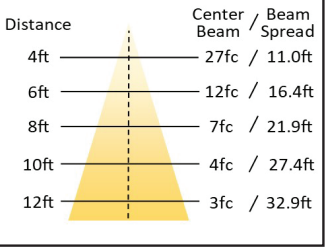
2700K	3000K	3500K	4000K	5000K
1.00	1.03	1.07	1.06	1.02

Candela Polar Plot



Max Candela = 426

Illumination at Distance



SATCO Item: S11867R1

Description: 13WLED/6/FR/CCT/SLF/RD/STB/RND
ColorQuick Setting: 2700K
1158 LM, 12.80 W, 91 LPW
Beam Angle: 111°
Field Angle: 159°
Spacing Criteria (0°-180°): 1.25
Spacing Criteria (90°-270°): 1.25

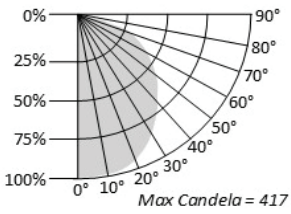
Zonal Lumens

Zone	Lumens	%Luminaire
0-30°	323	27.9%
0-40°	527	45.5%
0-60°	925	79.9%
0-90°	1158	100.0%
90-180°	0	0.0%
0-180°	1158	100.0%

Lumen Multiplier

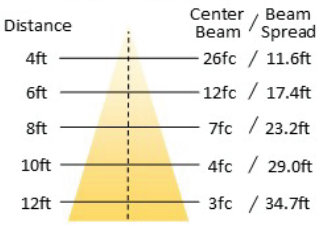
2700K	3000K	3500K	4000K	5000K
1.00	1.04	1.07	1.07	1.02

Candela Polar Plot



Max Candela = 417

Illumination at Distance



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PHOTOMETRICS

SATCO Item: S11868R1

Description: 10WLED/4/CFR/CCT/SLF/RD/FL/RND
ColorQuick Setting: 2700K
842 LM, 9.89 W, 85 LPW
Beam Angle: 107°
Field Angle: 160°
Spacing Criteria (0°-180°): 1.21
Spacing Criteria (90°-270°): 1.22

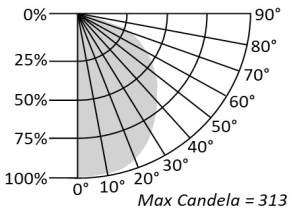
Zonal Lumens

Zone	Lumens	%Luminaire
0-30°	239	28.4%
0-40°	388	46.0%
0-60°	672	79.8%
0-90°	842	100.0%
90-180°	0	0.0%
0-180°	842	100.0%

Lumen Multiplier

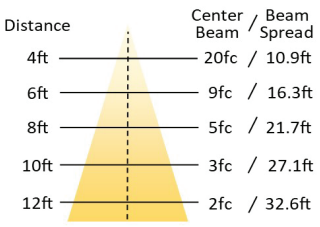
2700K	3000K	3500K	4000K	5000K
1.00	1.06	1.10	1.08	1.02

Candela Polar Plot



Max Candela = 313

Illumination at Distance



SATCO Item: S11869R1

Description: 13WLED/6/CFR/CCT/SLF/RD/FL/RND
ColorQuick Setting: 2700K
1147 LM, 12.20 W, 94 LPW
Beam Angle: 108°
Field Angle: 160°
Spacing Criteria (0°-180°): 1.23
Spacing Criteria (90°-270°): 1.23

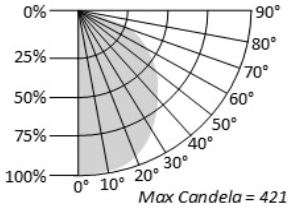
Zonal Lumens

Zone	Lumens	%Luminaire
0-30°	323	28.2%
0-40°	525	45.6%
0-60°	912	79.2%
0-90°	1147	100.0%
90-180°	0	0.0%
0-180°	1147	100.0%

Lumen Multiplier

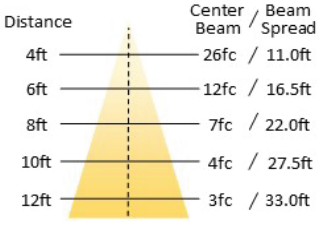
2700K	3000K	3500K	4000K	5000K
1.00	1.04	1.08	1.07	1.03

Candela Polar Plot



Max Candela = 421

Illumination at Distance



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