SATCO' NUVO





FIELD SELECTABLE (CCT AND WATTAGE)

90 CRI

STEPPED BAFFLE FOR REDUCED GLARE

OFFERED IN 4" & 5/6" SIZES

ROUND & SQUARE TRIM OPTIONS

E26 ADAPTER INCLUDED

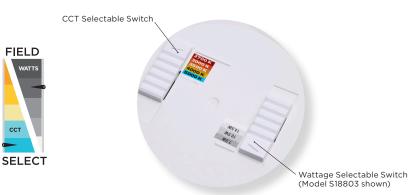
4" ROUND MODELS HAVE ROTATING AND COLLAPSING TABS FOR SECURE INSTALLATION AND EASY REMOVAL

SUGGESTED APPLICATIONS: Offices, Retail, Hotels, Residential, Utility Rooms

LED RETROFIT DOWNLIGHT FIELD SELECTABLE | STEPPED BAFFLE







SATCO|NUVO's LED Field Selectable Retrofit Downlights are the effortless solution for upgrading recessed lighting in your space. With two on-unit switches, the adjustment of both the input wattage and color temperature is a breeze and allows for the perfect task driven customization of your lighting needs. Offered in 4" and 5/6" models, in round and square trims, the stepped baffle reduces glare and adds dimension to the space. With a traditional look, these downlights will provide beautiful lighting in any environment.



GENERAL SPECIFICATIONS

Input Voltage, Frequency: 120V, 60Hz Power Factor: 0.9 CCT: 2700K/3000K/3500K/4000K/5000K Dimmable: Phase-Cut Dimmable Down to 10% CRI: 90 Beam Angle: 90° Functional Life: 50,000 Hours Location Rating: Wet IC Rated: No AT Rated: No Ambient Operating Temperature: -20°C (-4°F) to +40°C (+104°F) Finish: White Lens: Polycarbonate Lens Finish: Frost Base: E26 Adapter Included

ITEM SPECIFICATIONS / ORDER INFO



Item	Size	Shape	Lumens @ 3500K	Wattage	Max. Incandescent Replacement Wattage	Efficacy	Input Current	Contruction	Case QTY
S18800	4″	Round	500/600/700	5W/6W/7.5W	60W	Up to 100 LPW	0.04/0.05/0.06A	Steel	16
S18802	4″	Square	500/600/700	5.5W/6.5W/8W	60W	Up to 92 LPW	0.05/0.05/0.07A	Aluminum	16
S18801	5/6″	Round	750/1050/1300	7W/10W/13W	100W	Up to 107 LPW	0.06/0.08/0.11A	Steel	8
S18803	5/6″	Square	750/1050/1300	7.5W/10.5W/14.5W	100W	Up to 100 LPW	0.06/0.09/0.12A	Aluminum	8

OPTIONAL ACCESSORIES (SOLD SEPARATELY)

ltem	Description	Image
80-980	4" Can for New Construction	Prove and a second seco
80-981	4" Can for Remodel	
80-982	5″ Can for New Construction	
80-983	5″ Can for Remodel	
\$8999	GU24 Adapter	
\$9000	GU10 Adapter	69) 69)
80-2676	Pressure Brackets for RT5 RT6	0 0'

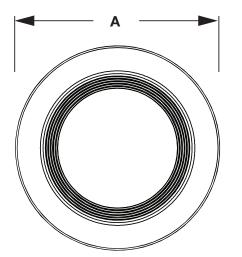
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Fixture may not be compatible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

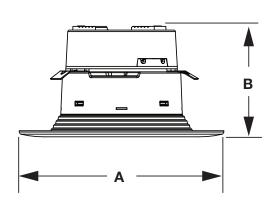
Replacement wattage shown depends on application and fixture. Specifications are subject to change without prior notice.

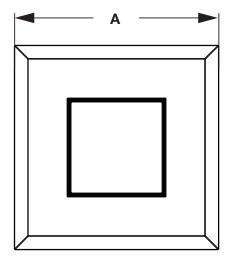
DIMENSIONS/WEIGHTS

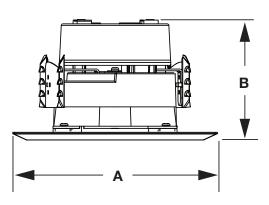
Item	Diameter or Width (A)	Height (B)	Weight
S18800	5.31″	2.90″	0.47 Lbs.
S18802	5.31″	3.13″	0.59 Lbs.

4" MODELS







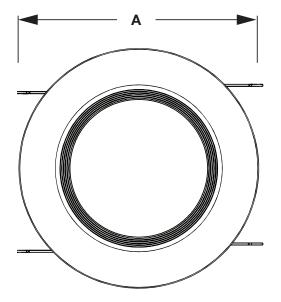


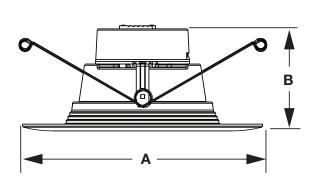
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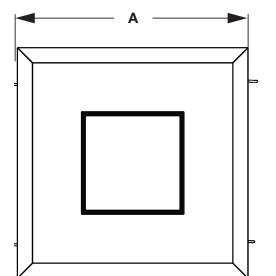
DIMENSIONS/WEIGHTS

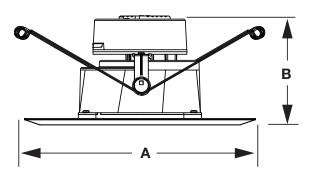
Ite	em	Diameter or Width (A)	Height (B)	Weight
S18	801	7.40″	3.27"	0.76 Lbs.
S18	803	7.13″	3.37"	0.81 Lbs.

5/6" MODELS







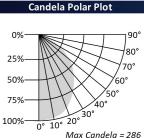


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PHOTOMETRICS

SATCO Item: S18800

Description: 7.5LED/RDL/4/WS/5CCT/RD Default PowerQuick Setting: 5.9 W Default ColorQuick Setting: 2700K 629 LM, 5.9 W, 107 LPW Beam Angle: 96° Field Angle: 142° Spacing Criteria (0°-180°): 1.16 Spacing Criteria (90°-270°): 1.19



Candela Polar Plot

	Z	onal Lum	ens	Illumination at Distance		
	Zone	Lumens	%Luminaire	Distance	Center / Beam Beam / Spread	
0°	0-30°	215	34.2%	Distance	Beam ' Spread	
0°	0-40°	344	54.7%	4ft ——	18fc / 8.8ft	
°.	0-60°	557	88.6%	6ft —	8fc / 13.2ft	
0	0-90°	629	100.0%	8ft	5fc / 17.6ft	
	90-180°	0	0.0%	10ft ——	3fc / 22.0ft	
	0-180°	629	100.0%	12ft —	2fc / 26.4ft	
			Luura an D	Aultipliers		
			i umen iv	luinbliers		

1.04

700K 3000K 3500K 4000K 5000k

1.03 1.04

1.00

1.02

SATCO	Item:	S18801	

Description: 13LED/RDL/5-6/WS/5CCT/RD Default PowerQuick Setting: 10.1 W Default ColorQuick Setting: 2700K 1083 LM, 10.1 W, 107 LPW Beam Angle: 97° Field Angle: 149° Spacing Criteria (0°-180°): 1.22 Spacing Criteria (90°-270°): 1.20

SATCO Item: S18802

Description: 8LED/RDL/4/WS/5CCT/SQ Default PowerQuick Setting: 6.7 W Default ColorQuick Setting: 2700K 706 LM, 6.7 W, 105 LPW Beam Angle: 95° Field Angle: 150° Spacing Criteria (0°-180°): 1.18 Spacing Criteria (90°-270°): 1.15

$\begin{array}{c} 2 \text{ one} \\ 0\% \\ 25\% \\ 50\% \\ 50\% \\ 75\% \\ 100\% \\ 0^{\circ} \ 10^{\circ} \ 20^{\circ} \\ 0^{\circ} \ 0^{\circ} \\ 40^{\circ} \\ 0^{\circ} \ 0^{\circ} \\ 0^{\circ} \ 0^{\circ} \\ 0^{\circ$

ک	onal Lum	ens	liiumina	ation at Distance
Zone	Lumens	%Luminaire	Distance	Center / Beam Beam / Spread
0-30°	352	32.5%	Distance	
0-40°	564	52.1%	4ft	29fc / 9.1ft
0-60°	926	85.5%	6ft	13fc / 13.6ft
0-90°	1083	100.0%	8ft	7fc / 18.2ft
90-180°	0	0.0%	10ft	5fc / 22.7ft
0-180°	1083	100.0%	12ft	

5.0W 5.9W 7.2W

1.18

0.85 1.00

			Lumen	Multip	oliers			
2700K	3000K	3500K	4000K	5000K		7.1W	10.1W	12.9W
1.00	1.02	1.04	1.04	1.04		0.74	1.00	1.20

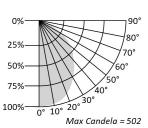
Candela Polar Plot	
	Zone
0%	0-30°
80°	0-40°
25%	0-60°
70°	0-90°
50% 60°	90-180
75% 50°	0-180°
100% 0° 10° 20° 30° 40	
Max Candela = 305	270
	1 /

	Z	onal Lum	ens	Illumination at Distance		
	Zone	Lumens	%Luminaire	Distance	Center / Beam	
90°	0-30°	226	32.1%	Distance	Beam ' Spread	
	0-40°	359	50.9%	4ft ——	19fc / 8.7ft	
	0-60°	593	84.0%	6ft	9fc / 13.0ft	
770°	0-90°	706	100.0%	8ft	5fc / 17.4ft	
60°	90-180°	0	0.0%	10ft ——	3fc / 21.7ft	
0	0-180°	706	100.0%	12ft —	2fc / 26.1ft	
	_					

			Lumen	Multip	bliers			
2700K	3000K	3500K	4000K	5000K		5.6W	6.7W	8.2W
1.00	1.01	1.01	1.01	0.99		0.87	1.00	1.18

SATCO Item: S18803

Description: 14.5LED/RDL/5-6/WS/5CCT/SQ Default PowerQuick Setting: 11.1 W Default ColorQuick Setting: 2700K 1183 LM, 11.1 W, 107 LPW Beam Angle: 96° Field Angle: 152° Spacing Criteria (0°-180°): 1.17 Spacing Criteria (90°-270°): 1.16



Candela Polar Plot

	7	onal Lum	ens	Illumination at Distance				
	Zone	Lumens	%Luminaire	Distance	Center / Beam Beam / Spread			
0	0-30°	373	32.5%	Distance	Beam ' Spread			
	0-40°	595	52.1%	4ft ——	31fc / 8.9ft			
	0-60°	986	85.5%	6ft —	14fc / 13.3ft			
	0-90°	1183	100.0%	8ft	8fc / 17.8ft			
	90-180°	0	0.0%	10ft —	5fc / 22.2ft			
	0-180°	1183	100.0%	12ft —	3fc / 26.6ft			
			Lumen Iv	lultipliers				

Euthen Multipliers								
2700K	3000K	3500K	4000K	5000K		8.2W	11.1W	14.8W
1.00	1.01	1.02	1.02	1.00		0.77	1.00	1.24

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