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.

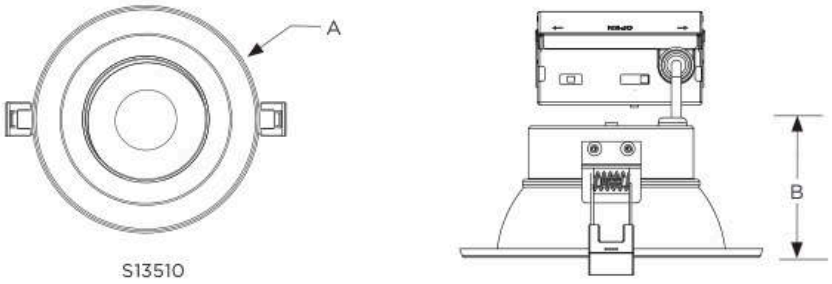
Visit satco.com/service/warranty for complete warranty details.

SATCO.COM | 800-437-2826

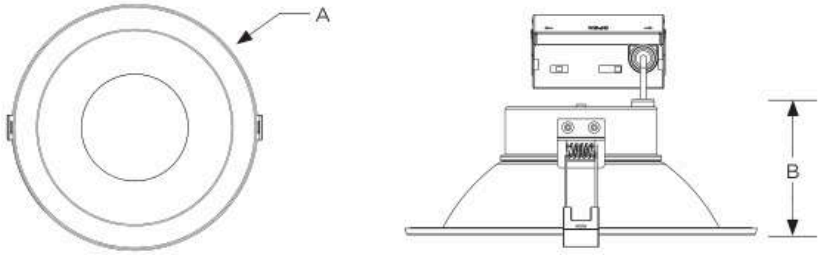
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DIMENSIONS / WEIGHTS

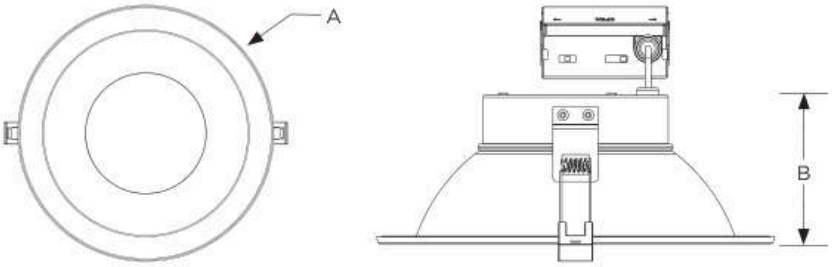
Item	Diameter (A)	Height (B)	Weight
S13510	5.04"	2.35"	0.79 Lbs.
S13511	7.36"	2.84"	0.95 Lbs.
S13512	8.66"	3.40"	1.10 Lbs.



S13510

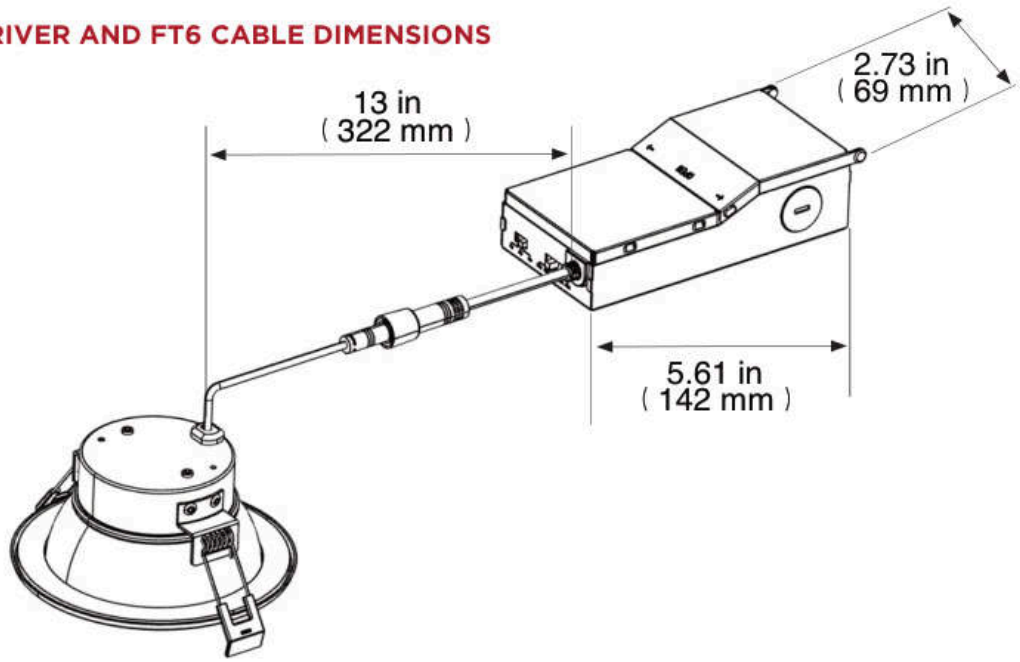


S13511



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

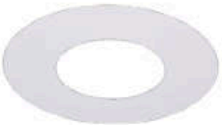

Mounting Plate with Hanger Bars


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

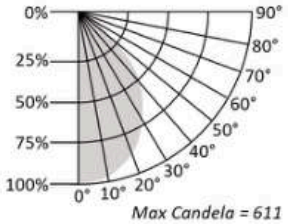
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PHOTOMETRICS

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

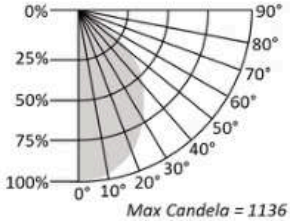
Lumen Multipliers

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

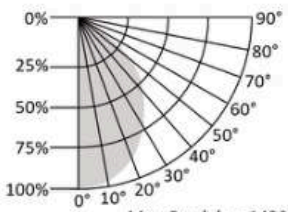
Lumen Multipliers

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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