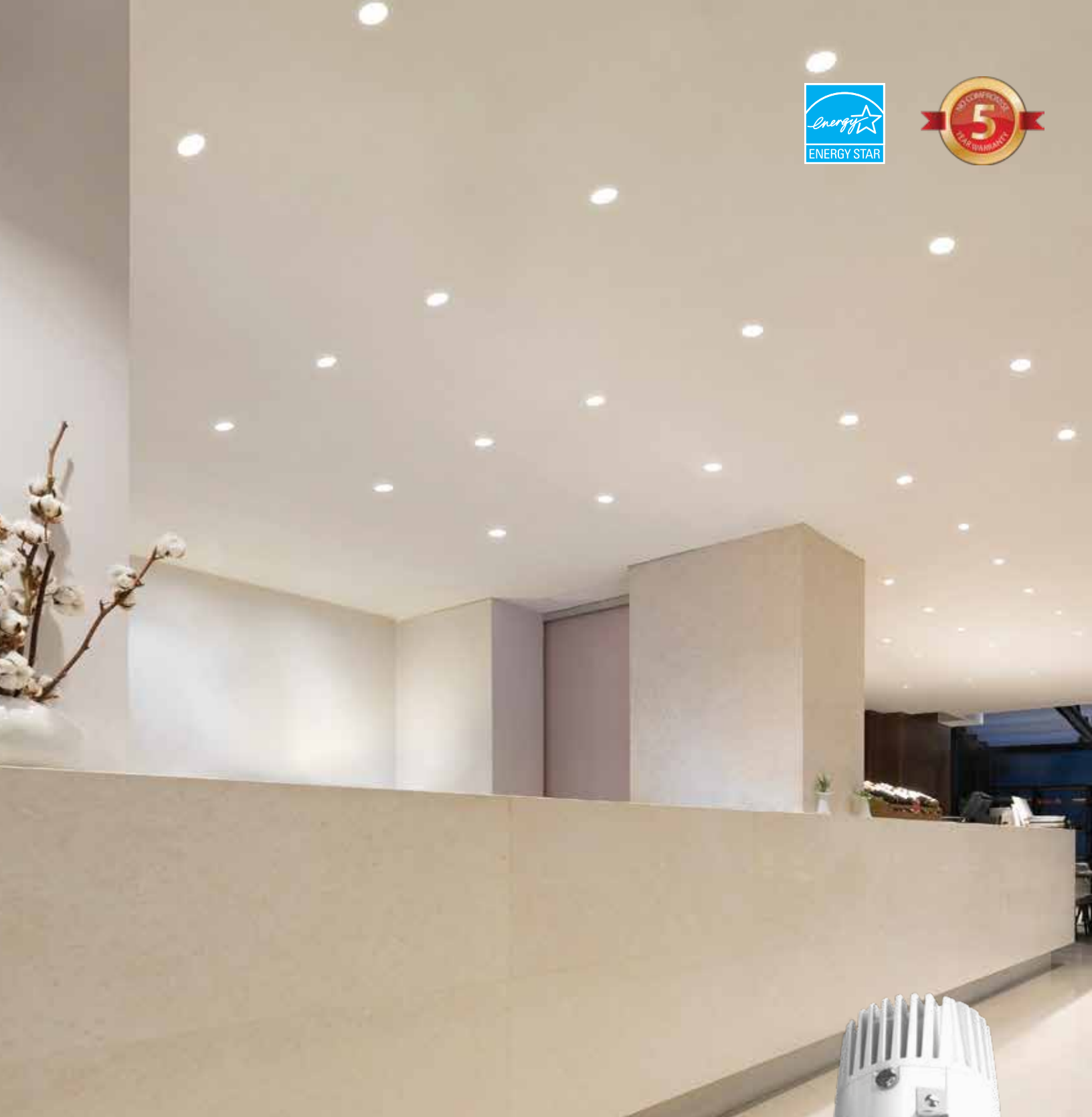




Abundant light with no trace of glare.
Affordable elegance.

2" LED Deep Regress



RAB

Indoor

2" LED Deep Regress

- Higher lumens, lower glare
- Replaces a 75W halogen MR16
- Low 3 1/4" profile with deep regress
- Available in 20°, 30°, 40° beam angles and wall wash version
- Trim finishes include white, black, silver, and satin nickel (new!)
- CCTs in 2700K, 3000K, 3500K, 4000K and 90 CRI models available
- Comes in select Energy Star certified models
- Universal dimming (see page 5 for compatibility list)



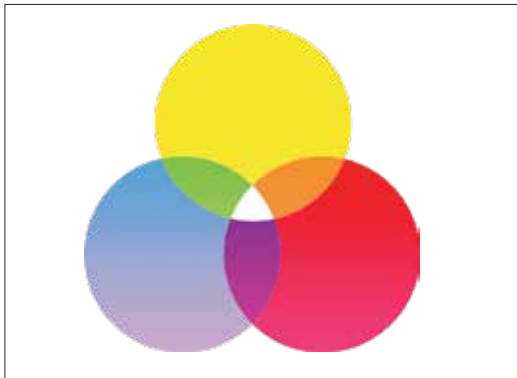
Higher lumens, lower glare.

With our deep regress design, we can now deliver up to 1,000 lumens of smooth, uniform, comfortable illumination.



Low 3 1/4" profile with deep regress.

The fixture's low-profile design requires only 5" of space above the ceiling. Field-interchangeable cone finishes.



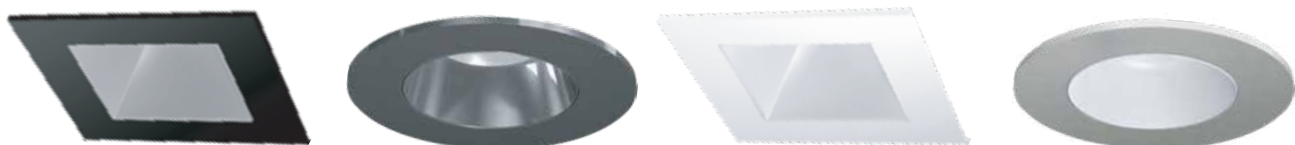
Guaranteed color performance.

Four color temperatures (2700, 3000, 3500 and 4000K) with 82 and 90 CRI options and 2-step consistency are guaranteed to shift no more than 200K over a five-year period.



Stay in control.

2" LED deep regress comes standard with a tri-mode dimming driver for maximum compatibility.

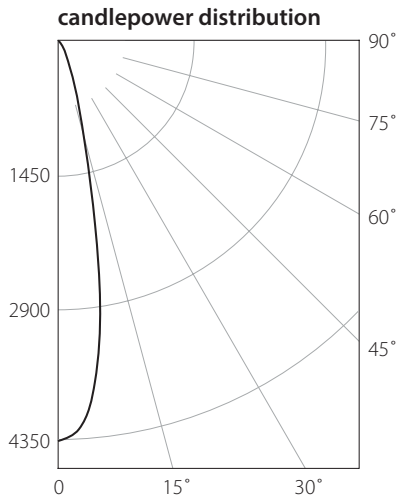


Every designer's dream.

Square and round trims available in white, black, matte silver or satin nickel finishes, in optional spackle flange for trimless look. Also available in 20°, 30°, 40° beam angles and wall wash version.

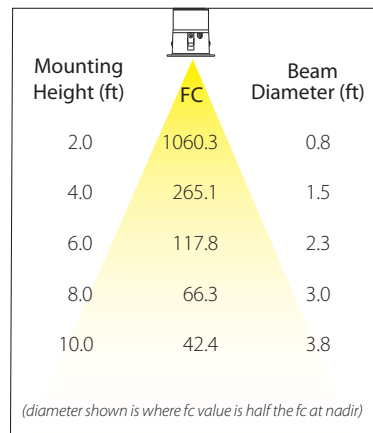
Photometrics - Round

10W - 20° Optics - Specular - 3000K



Efficacy: 68.1 lm/W

cone of light



Spacing Criteria 0.4

candela distribution

vertical deg.	candelas
0	4241
5	3855
15	1004
25	244
35	52
45	16
55	4
65	0
75	0
85	0
90	0

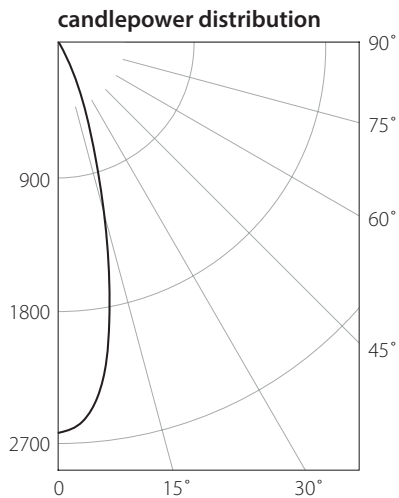
zonal lumen summary

zone	lumens	% fix.
0- 30	749	93.3
0- 40	786	97.9
0- 60	803	100.0
0- 90	803	100.0
90-180	0	0.0
0-180	803	100.0

luminance (candela/m²)

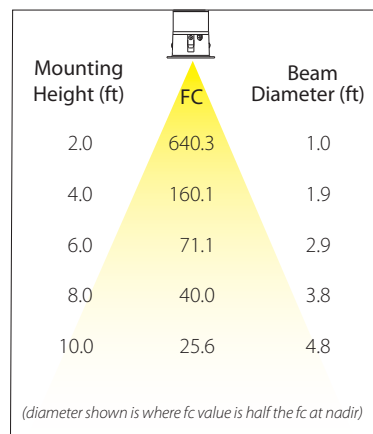
angle	avg. luminance
45	14,986
55	4,619
65	0
75	0
85	0

10W - 30° Optics - Specular - 3000K



Efficacy: 68 lm/W

cone of light



Spacing Criteria 0.5

candela distribution

vertical deg.	candelas
0	2561
5	2432
15	1184
25	305
35	79
45	20
55	4
65	0
75	0
85	0
90	0

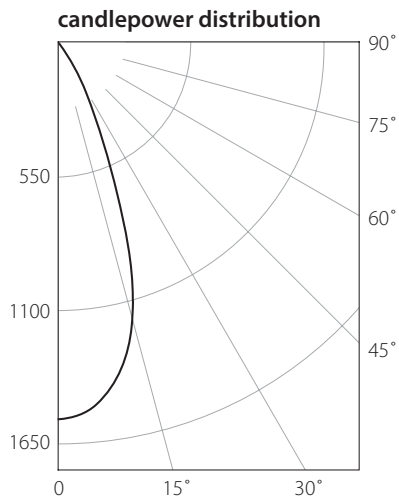
zonal lumen summary

zone	lumens	% fix.
0- 30	694	90.4
0- 40	748	97.4
0- 60	768	100.0
0- 90	768	100.0
90-180	0	0.0
0-180	768	100.0

luminance (candela/m²)

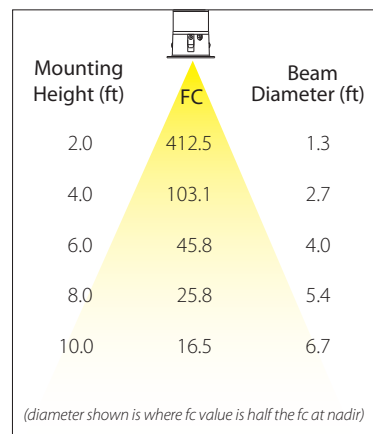
angle	avg. luminance
45	17,796
55	4,619
65	0
75	0
85	0

10W - 40° Optics - Specular - 3000K



Efficacy: 67.2 lm/W

cone of light



Spacing Criteria 0.6

candela distribution

vertical deg.	candelas
0	1650
5	1610
15	1248
25	416
35	97
45	9
55	1
65	0
75	0
85	0
90	0

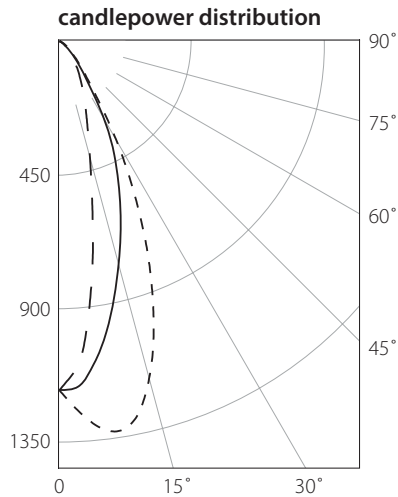
zonal lumen summary

zone	lumens	% fix.
0- 30	687	90.5
0- 40	750	98.8
0- 60	759	100.0
0- 90	759	100.0
90-180	0	0.0
0-180	759	100.0

luminance (candela/m²)

angle	avg. luminance
45	8,065
55	1,243
65	0
75	0
85	0

10W - Wall Washer - Specular - 3000K



zonal lumen summary

zone	lumens	% fix.
0- 30	485	74.2
0- 40	579	88.6
0- 60	647	99.1
0- 90	653	100.0
90-180	0	0.0
0-180	653	100.0

legend

0°	-----
90°	—————
180°	———

multiple units (footcandles on the walls)

2' from wall / 3' on center

Distance from ceiling (ft.)	1	2	3	4
1	0	0	0	0
2	2	2	2	3
3	5	4	6	6
4	7	7	8	8
5	8	8	8	8
6	7	7	7	7
7	6	6	6	6
8	5	6	6	6
9	4	4	4	4

3' from wall / 3' on center

Distance from ceiling (ft.)	1	2	3	4
1	0	0	0	0
2	1	1	1	1
3	2	2	2	2
4	3	3	3	3
5	4	4	4	4
6	5	5	5	5
7	5	5	6	6
8	5	5	6	6
9	5	5	5	5

3' from wall / 4' on center

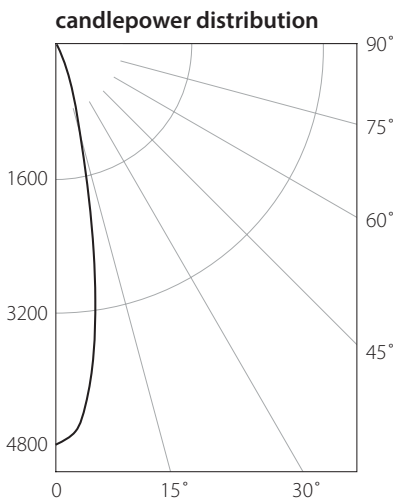
Distance from ceiling (ft.)	1	2	3	4
1	0	0	0	0
2	1	0	0	0
3	1	1	1	1
4	2	2	2	2
5	3	3	3	3
6	4	3	4	4
7	4	4	4	4
8	4	4	4	4
9	4	4	4	4

Spacing Criteria: 0° - 0.8 90° - 0.6 180° - 0.4

Efficacy: 55.3 lm/W

Photometrics - Square

10W - 20° Optics - Specular - 3000K



Efficacy: 71.6 lm/W

cone of light

Mounting Height (ft)	FC	Beam Diameter (ft)
2.0	1189.5	0.7
4.0	297.4	1.4
6.0	132.2	2.2
8.0	74.3	2.9
10.0	47.6	3.6

(diameter shown is where fc value is half the fc at nadir)

Spacing Criteria 0.4

candela distribution

vertical deg.	candelas
0	4,781
5	4,240
15	1,121
25	219
35	30
45	8
55	1
65	0
75	0
85	0
90	0

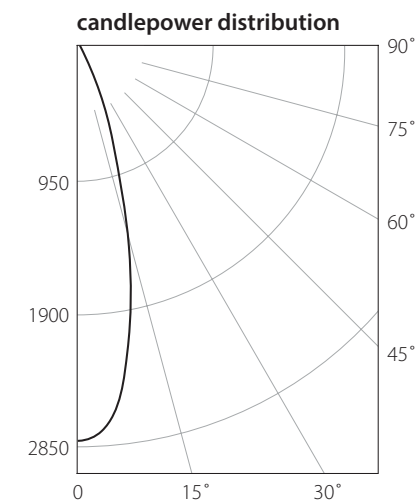
zonal lumen summary

zone	lumens	% fix.
0- 30	792	95.4
0- 40	820	98.8
0- 60	830	100.0
0- 90	830	100.0
90-180	0	0.0
0-180	830	100.0

luminance (candela/m²)

angle	avg. luminance
45	5,656
55	996
65	0
75	0
85	0

10W - 30° Optics - Specular - 3000K



Efficacy: 70.1 lm/W

cone of light

Mounting Height (ft)	FC	Beam Diameter (ft)
2.0	709.3	1.0
4.0	177.3	1.9
6.0	78.8	2.9
8.0	44.3	3.8
10.0	28.4	4.8

(diameter shown is where fc value is half the fc at nadir)

Spacing Criteria 0.5

candela distribution

vertical deg.	candelas
0	2,730
5	2,562
15	1,234
25	295
35	60
45	11
55	2
65	0
75	0
85	0
90	0

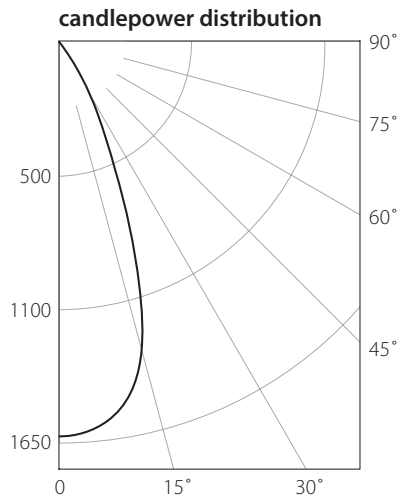
zonal lumen summary

zone	lumens	% fix.
0- 30	713	91.6
0- 40	763	98.1
0- 60	778	100.0
0- 90	778	100.0
90-180	0	0.0
0-180	778	100.0

luminance (candela/m²)

angle	avg. luminance
45	7,918
55	1,952
65	0
75	0
85	0

10W - 40° Optics - Specular - 3000K



Efficacy: 69 lm/W

cone of light

Mounting Height (ft)	FC	Beam Diameter (ft)
2.0	400.2	1.4
4.0	100.0	2.8
6.0	44.5	4.1
8.0	25.0	5.5
10.0	16.0	6.9

(diameter shown is where fc value is half the fc at nadir)

Spacing Criteria 0.7

candela distribution

vertical deg.	candelas
0	1,601
5	1,576
15	1,277
35	115
45	16
55	3
65	0
75	0
85	0
90	0

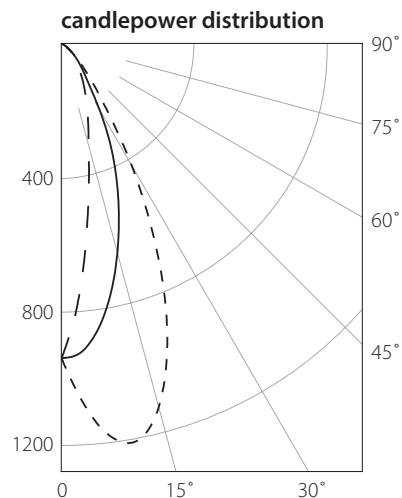
zonal lumen summary

zone	lumens	% fix.
0- 30	701	87.6
0- 40	780	97.5
0- 60	800	100.0
0- 90	800	100.0
90-180	0	0.0
0-180	800	100.0

luminance (candela/m²)

angle	avg. luminance
45	11,770
55	2,721
65	0
75	0
85	0

10W - Wall Washer - Specular - 3000K



zonal lumen summary

zone	lumens	% fix.
0- 30	438	71.3
0- 40	539	87.7
0- 60	609	99.1
0- 90	615	100.0
90-180	0	0.0
0-180	615	100.0

legend

0°	-----
90°	—————
180°	———

multiple units (footcandles on the walls)

2' from wall / 3' on center

Distance from ceiling (ft.)	1	2	3	4
1	0	0	0	0
2	2	2	2	3
3	5	4	6	6
4	7	7	8	8
5	8	8	8	8
6	7	7	7	7
7	6	6	6	6
8	5	6	6	6
9	4	4	4	4

3' from wall / 3' on center

Distance from ceiling (ft.)	1	2	3	4
1	0	0	0	0
2	1	1	1	1
3	2	2	2	2
4	3	3	3	3
5	4	4	4	4
6	5	5	5	5
7	5	6	6	6
8	5	6	6	6
9	5	5	5	5

3' from wall / 4' on center

Distance from ceiling (ft.)	1	2	3	4
1	0	0	0	0
2	0	0	0	0
3	1	1	1	1
4	3	2	3	3
5	3	3	3	3
6	4	4	4	4
7	4	4	4	4
8	4	4	4	4
9	4	4	4	4

Spacing Criteria: 0° - 1.0 90° - 0.7 180° - 0.3

Efficacy: 56.4 lm/W

Specifications

UL Listing: Min 90°C supply conductors. Do not install insulation within 76mm (3") of any part of the luminaire. Suitable for wet locations covered ceiling mount only.

Driver: Constant Current, Class 2, 50/60Hz, 120-277V; 4kV surge protection, **10W:** 0.11A@120V, 0.07A@ 208V, 0.06A@240V, 0.05A@277V

Universal Dimming: TRIAC, ELV and 0-10V dimming compatibility*

Ambient Temperature: Suitable for use in 40°C (131°F) ambient temperatures

Cold Weather Starting: The minimum starting temperature is -35°C (-31°F)

Lens: Optical grade polycarbonate

Lifespan: Long-life, high-efficiency, surface mount LEDs.

Housing: Specification-grade, die-cast aluminium construction

Reflector: Vacuum-metalized polycarbonate

Mounting & Installation:

- **New Construction:** Nailers bars are provided for use with wood joist installations. Optional butterfly brackets available.

- **Remodeler:** Ceiling collar provided for use with 5/8" - 3/4" sheet rock ceilings.

*See list on right for known dimmer compatibility.

Dimmer Compatibility List

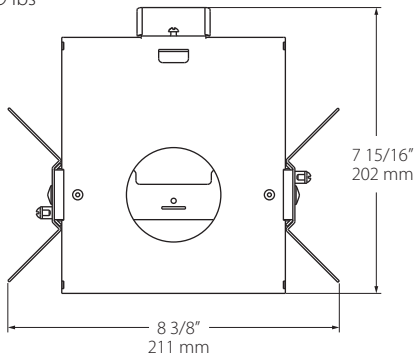
BRAND	MODEL	DIMMING %
Leviton	Decora 6631-P	0.1
Leviton	Decora-IP106-1LZ	2.8
Leviton	Decora IPL06-10Z	0.2
Leviton	Decora 6674-P	0.1
Lutron	Skylark CTCL-153P	0.1
Lutron	Skylark SELV-300P	0.5
Lutron	Skylark S-600P	0.1
Lutron	Skylark-SLV-600P	0.1
Lutron	Diva DV-603P	0.1
Lutron	Diva CL-DVCL-153P	0.2
Lutron	Diva DVELV-600P	0.1
Lutron	Diva DVELV-300P	0.8
Lutron	Diva DV-600P-WH	0.1
Lutron	Radio RA2-RRD-6D	0.2
Lutron	RRD-6NA-WH	0.1
Lutron	Maestro - MRF2-6ND	0.9
Lutron	Nova NFTV 0-10V dimmer	3.4
Pass & Seymour	D703-PW	2.6
Leviton	35A00-1	0.5
Cooper	AALO6P-C1	41.6
Cooper	TALO6P-C1	0.1
Cooper	SALO6P-W	0.1
Cooper	DALO6-C1	43.1

Note: Bottom trim required

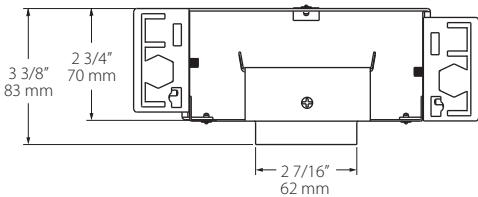
Dimensions & Weights

NEW CONSTRUCTION ROUGH-IN, ROUND

Weight: 1.9 lbs

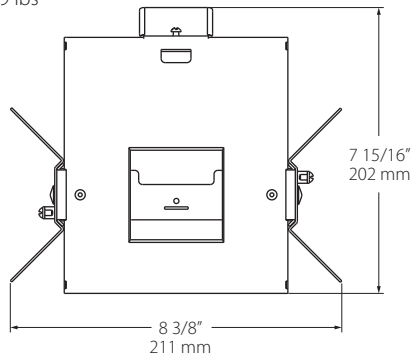


With/Without Trim

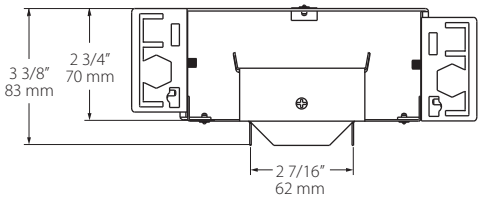


NEW CONSTRUCTION ROUGH-IN, SQUARE

Weight: 1.9 lbs

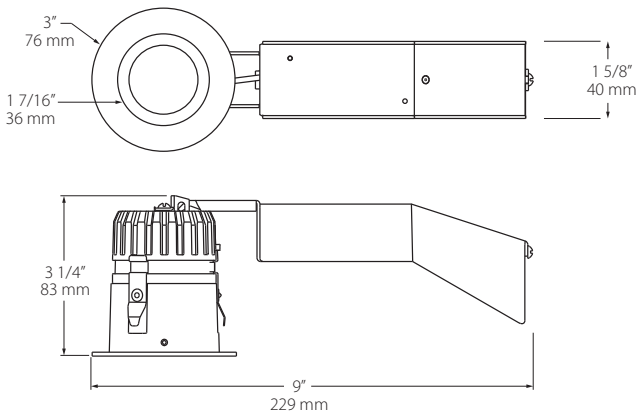


With/Without Trim



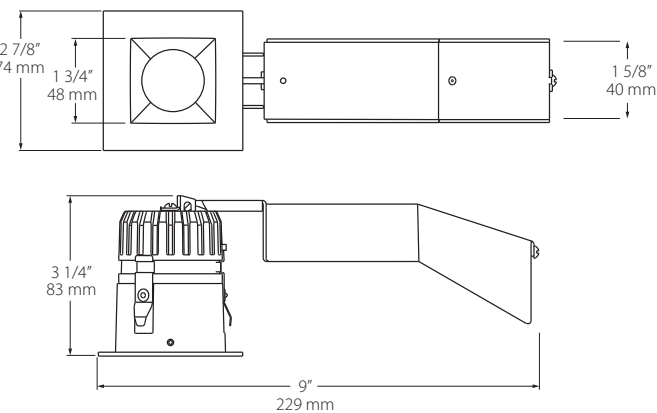
REMODELER - ROUND

Weight: 2.9 lbs



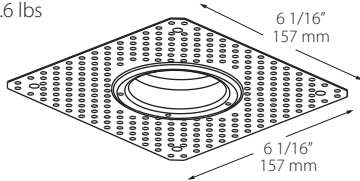
REMODELER - SQUARE

Weight: 2.9 lbs



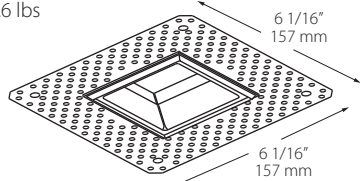
SPACKLE FLANGE - ROUND (For Trimless)

Weight: 0.6 lbs



SPACKLE FLANGE - SQUARE (For Trimless)

Weight: 0.6 lbs



Ordering information

REMODELER

Product Family	Size/Shape	Wattage	Driver	Optics	Color Temp	CRI	Trim Cone	Trim Ring	Trim Style	
RDDL		10	D							
2R 2S	2" Round 2" Square	10 10W	D TRIAC, ELV and 0-10V dimming	20 30 40 W Wall wash	20° 30° 40° YY 2700K	N YN Y YY 4000K 3500K 3000K 2700K	Blank HC 80 CRI 90 CRI	W B S M White Black Specular Matte Silver	W B S SA White Black Silver Satin Nickel	T TL 1/2" Trim Trimless

NEW CONSTRUCTION ROUGH-IN (Remodeler is required to complete a New Construction fixture assembly)

Product Family	Size/Shape	Trim
ND		
2R	2" Round	T 1/2" Trim
2S	2" Square	TL Trimless