

Project Name: \_\_\_\_\_ Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

### INTENDED USE

This recessed LED downlight is ideal for kitchens, bathrooms, hallways, and commercial interiors requiring flexible, energy-efficient lighting. Its tunable white technology offers multiple color temperatures via a selectable CCT switch on the junction box. Integrated spring clips allow quick, tool-free installation. An included gasket ensures an airtight, wet-location rated seal without caulking. Rated <2 CFM per ASTM-E283 for airtight ceilings.

### FEATURES

- Construction:** Non-metallic, dead-front flat LED luminaire with integrated spring clips
- Lumens:** 700 lm / 1050 lm
- Wattage:** 10W / 13.5W
- Color Temperature:** 27/30/35/40/50K selectable switch
- Mounting:** Installs without housing using two tension steel spring clips; supports ceiling thickness up to 15/16"
- Junction Box:** Pre-wired with two 1/2" and two 3/8" knockouts, snap-on cover, and 10" quick connect wire. Includes 6" quick connect. Supports up to four No. 12 AWG 90°C branch circuit conductors. Max distance between luminaire and driver is 40'
- Beam Spread:** 113° wide flood
- Operating Temperature:** 0°C to 40°C
- Driver:** ELV / TRIAC dimmable
- Voltage:** 120 VAC
- CRI:** 90+
- Warranty:** 5 Years carefree for parts & components (Labor not included)
- Listings:** cETLus listed for wet locations, Title 24 JA8-2022 compliant, FCC compliant, IC Air-Tight rated



6-Inch



4-Inch

4" Lumens	6" Lumens	Color Temperature
640 lm	958 lm	2700K
681 lm	1060 lm	3000K
726 lm	1090 lm	3500K
740 lm	1088 lm	4000K
708 lm	1059 lm	5000K

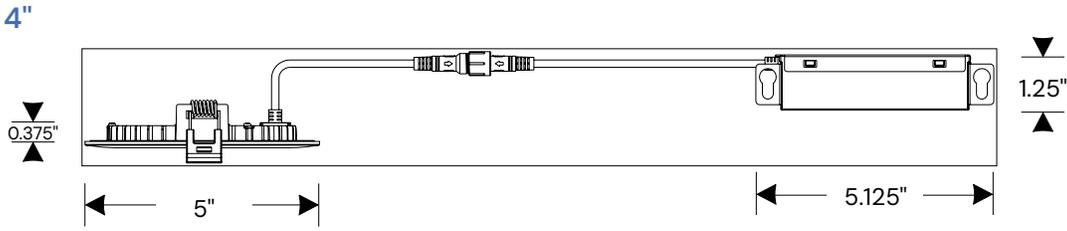


### ORDERING INFORMATION Example:

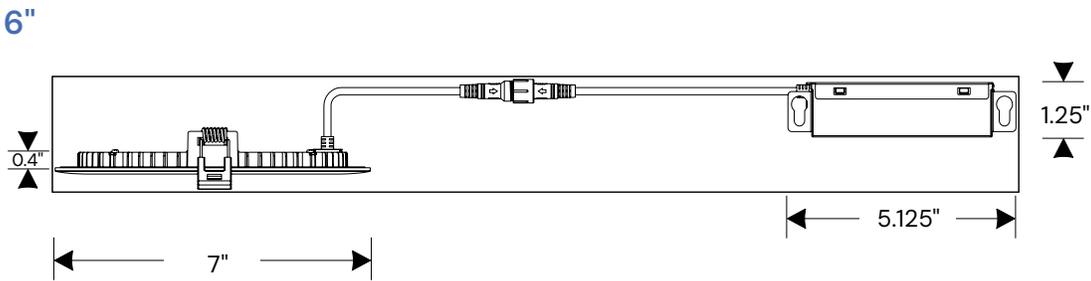
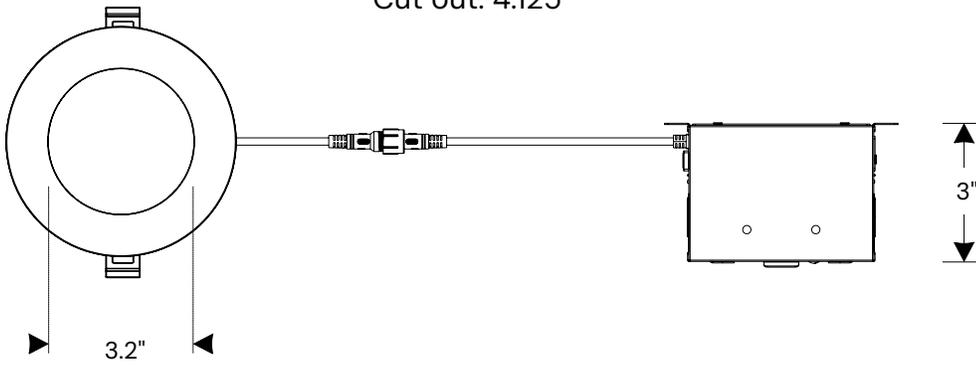
Model	Size   Wattage	Driver		Finish		Options	
14133	4 4"   10W	TRI	Triac (120V)	WH	White	OR4	Oversize Ring for 4"
	6 6"   13.5W	ELV	Electronic Low Voltage (120V)	BK	Black	OR6	Oversize Ring for 6"
						UF	Universal Frame-In for 4" & 6"
						PL4	Plate for 4"
						PL6	Plate for 6"
						FC4	Frame-In with Collar for 4"
						EC4	4' Extension Cable
						EC20	20' Extension Cable
						EC <sup>xx</sup> 1	Specify X in Feet

<sup>1</sup> Extension Cable maximum total run is 40 feet. For longer distances, contact sales agent for remote driver options.

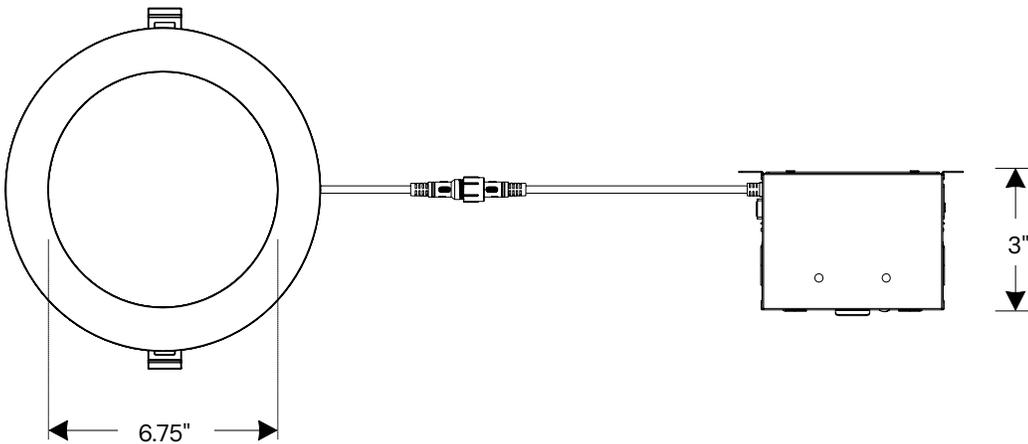
## LINE DRAWINGS



Cut out: 4.125"



Cut out: 6.25"



## ACCESSORIES

### Oversize Ring

Available in two sizes to conceal larger ceiling openings:

4-Inch cut-out: 5-1/4"

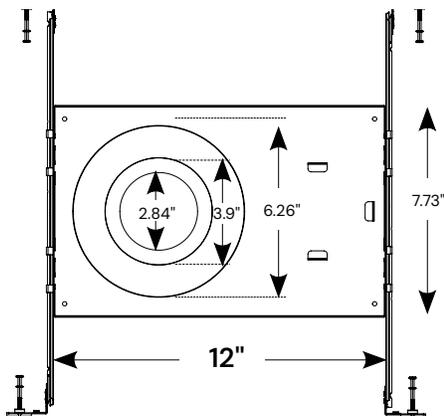


6-Inch cut-out: 7-1/4"



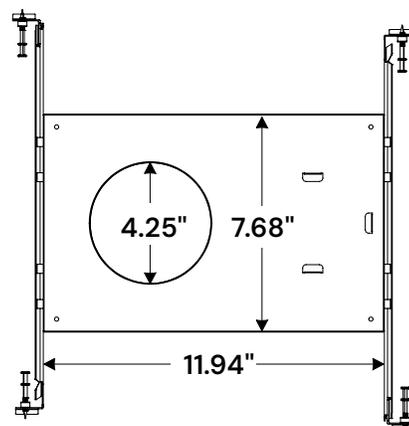
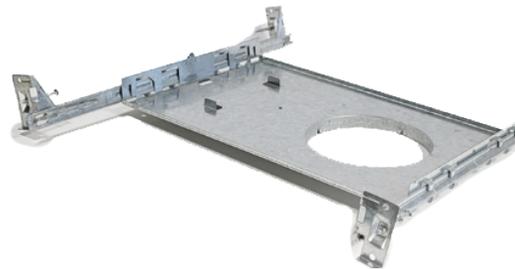
### Universal Frame-In for 4" & 6"

Provides a cutting guide and marks the wiring location to assist with accurate placement and installation of can-less recessed downlights.



### Frame-In with Collar for 4"

Designed to assist with mounting can-less recessed downlights.

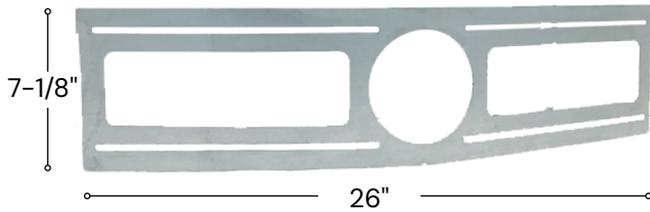


## ACCESSORIES

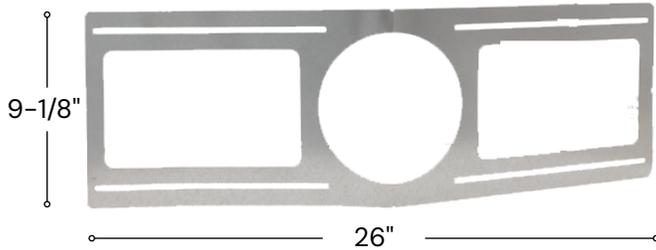
### Plate

Facilitates the installation of can-less recessed downlights by marking wiring locations and providing a cutting guide.

#### 4-Inch



#### 6-Inch



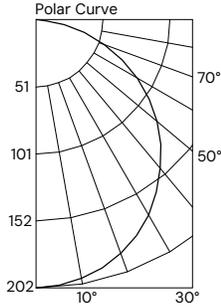
### Extension Cable

Linkable extension cables extend the distance between the luminaire and driver enclosure. Cables can be connected to create custom lengths, with 4' and 20' options available. The maximum total run is 40 feet; for longer distances, contact the factory for remote driver solutions.



## PHOTOMETRY

4-Inch  
 Beam Spread: 114° Wide Flood  
 Lumens: 640lm  
 Wattage: 9.26W  
 Efficacy: 69lpw  
 CCT / CRI: 2700K / 90 CRI  
 Spacing Criteria (0°-180°): 1.26  
 Spacing Criteria (90°-270°): 1.26

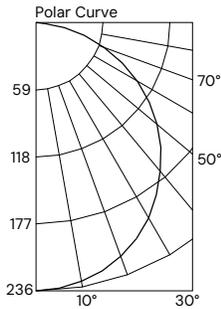


Distance from Luminaire	FC at Nadir	Beam Diameter
4'	13.9fc	12'-0"
6'	6.2fc	18'-1"
8'	3.5fc	24'-1"
10'	2.2fc	30'-1"
12'	1.5fc	36'-1"

Zone	Lumens	% Luminaire
0-30	172	26.9
0-40	281	44
0-60	498	77.8
0-90	640	100
90-180	0	0
0-180	640	100

Vertical Angles	Candela
0	222
5	220
15	212
25	197
35	174
45	145

Beam Spread: 113° Wide Flood  
 Lumens: 681lm  
 Wattage: 9.12W  
 Efficacy: 75lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.26  
 Spacing Criteria (90°-270°): 1.26

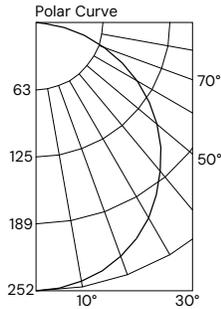


Distance from Luminaire	FC at Nadir	Beam Diameter
4'	14.7fc	12'-0"
6'	6.6fc	18'-1"
8'	3.7fc	24'-1"
10'	2.4fc	30'-1"
12'	1.6fc	36'-1"

Zone	Lumens	% Luminaire
0-30	183	26.9
0-40	300	44
0-60	530	77.9
0-90	681	100
90-180	0	0
0-180	681	100

Vertical Angles	Candela
0	236
5	235
15	226
25	209
35	185
45	154

Beam Spread: 113° Wide Flood  
 Lumens: 726 lm  
 Wattage: 8.91W  
 Efficacy: 81lpw  
 CCT / CRI: 3500K / 90 CRI  
 Spacing Criteria (0°-180°): 1.26  
 Spacing Criteria (90°-270°): 1.26

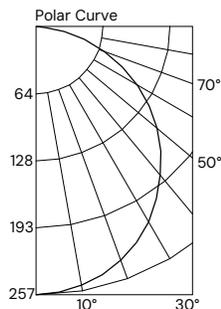


Distance from Luminaire	FC at Nadir	Beam Diameter
4'	15.7	12'-0"
6'	7.0fc	18'-0"
8'	3.9fc	24'-1"
10'	2.5fc	30'-1"
12'	1.8fc	36'-1"

Zone	Lumens	% Luminaire
0-30	161	26.9
0-40	268	44.1
0-60	549	78.2
0-90	726	100
90-180	0	0
0-180	726	100

Vertical Angles	Candela
0	252
5	251
15	241
25	223
35	197
45	165

Beam Spread: 113° Wide Flood  
 Lumens: 740lm  
 Wattage: 8.95W  
 Efficacy: 83lpw  
 CCT / CRI: 4000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.26  
 Spacing Criteria (90°-270°): 1.28

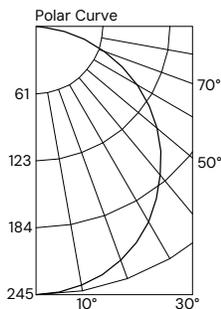


Distance from Luminaire	FC at Nadir	Beam Diameter
4'	16fc	12'-0"
6'	7.1fc	18'-0"
8'	4.0fc	24'-1"
10'	2.6fc	30'-1"
12'	1.8fc	36'-1"

Zone	Lumens	% Luminaire
0-30	199	26.9
0-40	326	44.1
0-60	576	77.9
0-90	740	100
90-180	0	0
0-180	740	100

Vertical Angles	Candela
0	257
5	255
15	245
25	228
35	201
45	168

Beam Spread: 113° Wide Flood  
 Lumens: 708lm  
 Wattage: 9.32W  
 Efficacy: 76lpw  
 CCT / CRI: 5000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.26  
 Spacing Criteria (90°-270°): 1.26



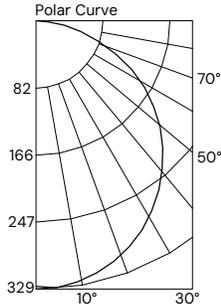
Distance from Luminaire	FC at Nadir	Beam Diameter
4'	15.3fc	12'-0"
6'	6.8fc	18'-0"
8'	3.8fc	24'-1"
10'	2.5fc	30'-1"
12'	1.7fc	36'-1"

Zone	Lumens	% Luminaire
0-30	157	22.2
0-40	262	37
0-60	535	75.6
0-90	708	100
90-180	0	0
0-180	708	100

Vertical Angles	Candela
0	245
5	244
15	235
25	217
35	192
45	161

## PHOTOMETRY

6-Inch  
 Beam Spread: 113° Wide Flood  
 Lumens: 958lm  
 Wattage: 12.7W  
 Efficacy: 75lpw  
 CCT / CRI: 2700K / 90 CRI  
 Spacing Criteria (0°-180°): 1.26  
 Spacing Criteria (90°-270°): 1.28

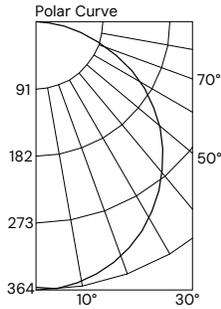


Distance from Luminaire	FC at Nadir	Beam Diameter
4'	20.6fc	12"-2"
6'	9.1fc	18"-4"
8'	5.1fc	24"-5"
10'	3.3fc	30"-6"
12'	2.3fc	36"-7"

Zone	Lumens	% Luminaire
0-30	256	26.7
0-40	419	43.7
0-60	743	77.5
0-90	958	100
90-180	0	0
0-180	958	100

Vertical Angles	Candela
0	329
5	328
15	316
25	294
35	261
45	219

Beam Spread: 113° Wide Flood  
 Lumens: 1060lm  
 Wattage: 12.3 W  
 Efficacy: 86lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.26  
 Spacing Criteria (90°-270°): 1.28

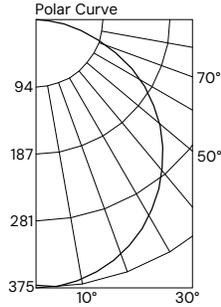


Distance from Luminaire	FC at Nadir	Beam Diameter
4'	22.8fc	12"-2"
6'	10.1fc	18"-4"
8'	5.7fc	24"-5"
10'	3.6fc	30"-6"
12'	2.5fc	36"-7"

Zone	Lumens	% Luminaire
0-30	283	26.7
0-40	464	43.7
0-60	822	77.5
0-90	1060	100
90-180	0	0
0-180	1060	100

Vertical Angles	Candela
0	364
5	363
15	350
25	326
35	289
45	242

Beam Spread: 114° Wide Flood  
 Lumens: 1090lm  
 Wattage: 12.2W  
 Efficacy: 89lpw  
 CCT / CRI: 3500K / 90 CRI  
 Spacing Criteria (0°-180°): 1.26  
 Spacing Criteria (90°-270°): 1.28

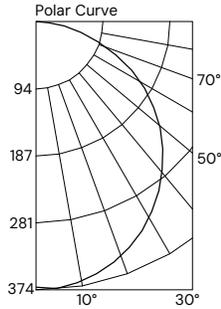


Distance from Luminaire	FC at Nadir	Beam Diameter
4'	23.4fc	12"-2"
6'	10.4fc	18"-4"
8'	5.9fc	24"-4"
10'	3.8fc	30"-5"
12'	2.6fc	36"-6"

Zone	Lumens	% Luminaire
0-30	241	22.1
0-40	400	36.7
0-60	821	75.3
0-90	1090	100
90-180	0	0
0-180	1090	100

Vertical Angles	Candela
0	375
5	373
15	360
25	334
35	297
45	249

Beam Spread: 114° Wide Flood  
 Lumens: 1088lm  
 Wattage: 12.51W  
 Efficacy: 87lpw  
 CCT / CRI: 4000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.26  
 Spacing Criteria (90°-270°): 1.28

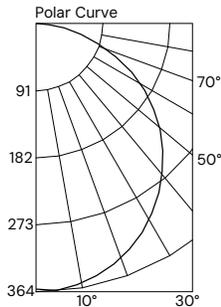


Distance from Luminaire	FC at Nadir	Beam Diameter
4'	23.4fc	12"-2"
6'	10.4fc	18"-4"
8'	5.8fc	24"-5"
10'	3.7fc	30"-6"
12'	2.6fc	36"-7"

Zone	Lumens	% Luminaire
0-30	291	26.7
0-40	476	43.8
0-60	844	77.5
0-90	1088	100
90-180	0	0
0-180	1088	100

Vertical Angles	Candela
0	374
5	372
15	359
25	334
35	296
45	249

Beam Spread: 114° Wide Flood  
 Lumens: 1059lm  
 Wattage: 12.754W  
 Efficacy: 83lpw  
 CCT / CRI: 5000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.26  
 Spacing Criteria (90°-270°): 1.28



Distance from Luminaire	FC at Nadir	Beam Diameter
4'	22.7fc	12"-2"
6'	10.1fc	18"-4"
8'	5.7fc	24"-5"
10'	3.6fc	30"-6"
12'	2.5fc	36"-7"

Zone	Lumens	% Luminaire
0-30	233.5	22.1
0-40	389	36.7
0-60	797	75.3
0-90	1059	100
90-180	0	0
0-180	1059	100

Vertical Angles	Candela
0	364
5	362
15	349
25	325
35	288
45	242

## COLOR TEMPERATURE GUIDE

<b>2700K</b>	<b>3000K</b>	<b>3500K</b>	<b>4000K</b>	<b>5000K</b>
<b>WARM WHITE</b>	<b>SOFT WHITE GLOW</b>	<b>NEUTRAL GLOW</b>	<b>COOL WHITE GLOW</b>	<b>DAYLIGHT GLOW</b>
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
✓	✓	✓	✓	✓