RAYCOS LIGHTING

PROJECT NAME DATE NOTE _____ _____

ULTRA SLIM RECESSED SERIES

4" + 6" ULTRA SLIM RECESSED LIGHTS

CANLESS INSTALLATION · 5-CCT SELECTABLE · REMOTE JUNCTION BOX

ULTRA SLIM DOWNLIGHT

Low-profile recessed illumination for shallow ceiling spaces

- 0.91" low-profile construction for tight plenums
- Five selectable CCTs: 2700 / 3000 / 3500 / 4000 / 5000 K
- TRIAC dimmable on 120 VAC circuits
- Spring-clip installation with separate steel junction box
- Durable die-cast aluminum body with smooth trim finish
- Available in white, nickel, or black



4-INCH
9 W · 700 lm

6-INCH
12 W · 1,000 lm

APPLICATIONS

Residential · commercial · hospitality

RESIDENTIAL
Living areas + hallways

COMMERCIAL
Offices + retail

HOSPITALITY
Hotels + restaurants

REMODEL
Shallow ceiling spaces

ORDERING GUIDE

Two sizes · common selectable-CCT platform

Model	Size	Power	Lumens	Input	Dimming	CCT
RY-USDL-R4-9W-5CCT	4" round	9 W	700 lm	120 VAC	TRIAC	2700-5000 K
RY-USDL-R6-12W-5CCT	6" round	12 W	1,000 lm	120 VAC	TRIAC	2700-5000 K

COMMON SPECIFICATIONS

Protection	IP20 · indoor use
Power factor	> 0.80
Beam angle	110°
CRI	> 90
Rated life	> 60,000 hours · L70
Operating	-13°F to +113°F (-25°C to +45°C)
Finish options	White
Warranty	5-year limited warranty
Certifications	ETL · ENERGY STAR

PRODUCT HIGHLIGHTS

- **5CCT** SELECTABLE
- **TRIAC** DIMMABLE
- **110°** BEAM
- **ETL** CERTIFIED
- **ENERGY** STAR
- **60K** HOURS

Indoor use · IP20 · CRI > 90 · power factor > 0.80

Intertek · DLC 5.1 PREMIUM · CCT Tunable 3CCT · Dimmable · JA8 COMPLIANT · ENERGY STAR

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ULTRA SLIM RECESSED SERIES

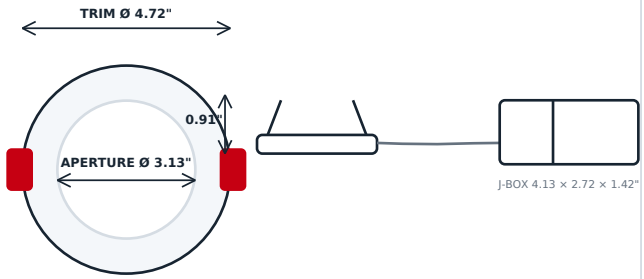
VECTOR DIMENSIONS + PHOTOMETRICS

PRODUCT DIMENSIONS

Vector redraw · inches shown first

4" ULTRA SLIM

9 W · 700 lm

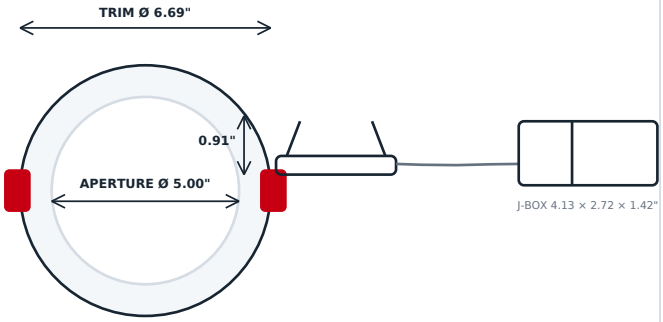


CEILING CUT-OUT

Ø 4.33" 110 mm

6" ULTRA SLIM

12 W · 1,000 lm



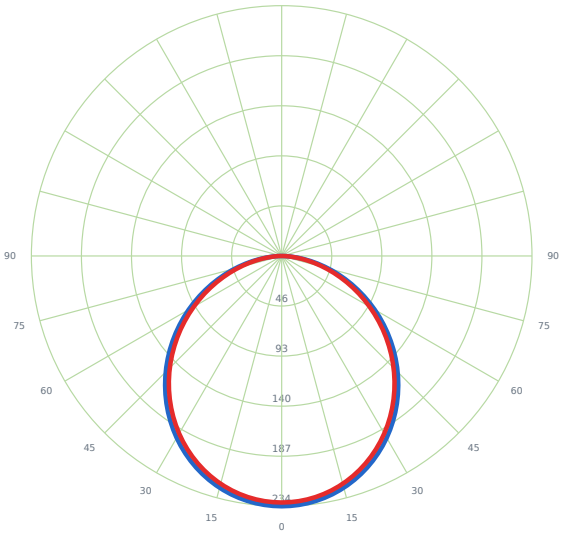
CEILING CUT-OUT

Ø 6.29" 160 mm

PHOTOMETRIC REPORT

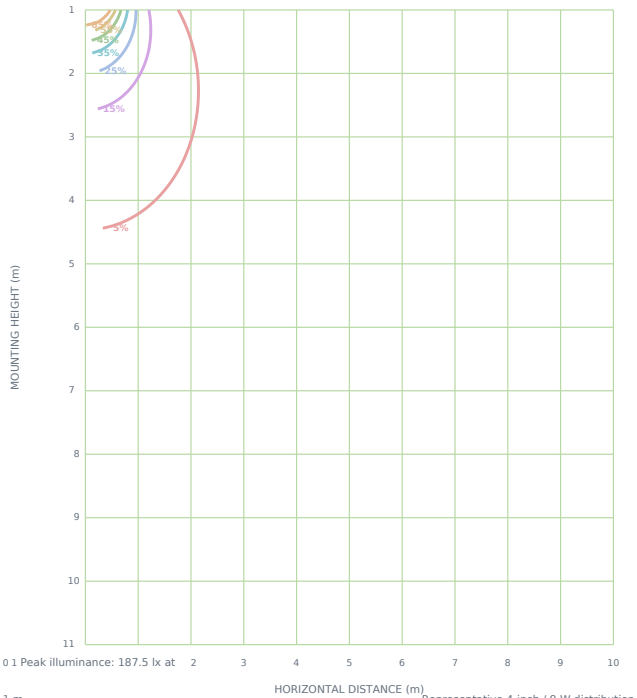
4" / 9 W representative test · vector redraw

LUMINOUS INTENSITY DISTRIBUTION



C0-C180 C90-C270 MAX 234 cd · 110° beam

VERTICAL EQUILUMINOUS CURVE



Representative 4-inch / 9 W distribution

RAYCOS LIGHTING

PROJECT NAME _____ DATE _____

NOTE _____

ULTRA SLIM RECESSED SERIES

INSTALLATION GUIDE

BEFORE INSTALLATION

Turn power off and follow applicable electrical codes



REMOTE DRIVER + QUICK-CONNECT PANEL

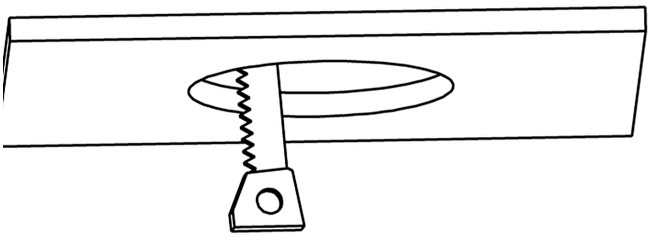
Choose the fixture size, confirm the ceiling opening, set the CCT switch on the junction box, and complete line-voltage wiring before inserting the panel.

4-INCH CUT-OUT	6-INCH CUT-OUT Ø	SUPPLY CONDUCTORS
Ø 4.33" · 110 mm	6.29" · 160 mm	Black · white · green

INSTALLATION STEPS

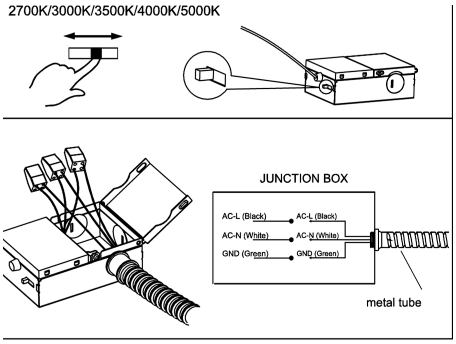
Cable connector sold separately

1 CUT CEILING OPENING



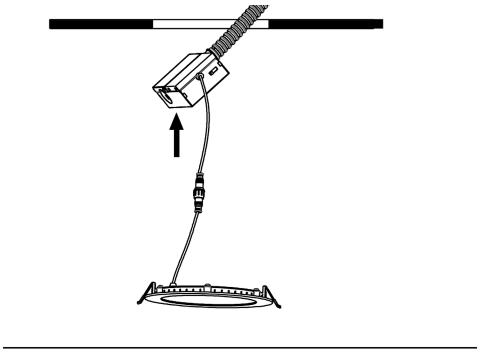
Mark the selected location and cut the opening to the diameter shown above.

2 SET CCT + WIRE JUNCTION BOX



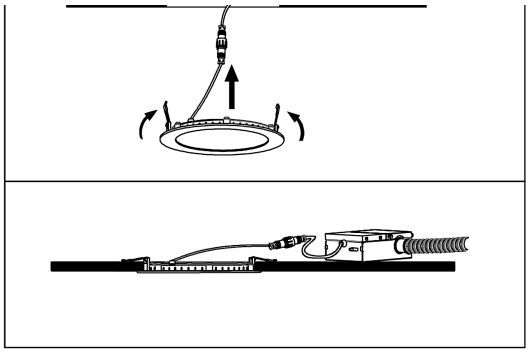
Select 2700 / 3000 / 3500 / 4000 / 5000 K. Connect black to line, white to neutral, and green to ground; close the cover.

3 INSERT JUNCTION BOX



Connect the low-voltage plug, then place the closed junction box through the ceiling opening.

4 SEAT THE LIGHT PANEL



Raise both spring clips, insert the fixture into the opening, and release the clips so the trim sits flush.