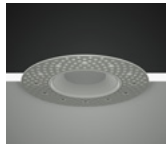# alphabet

NU1

1" Round Wall Wash Tunable White

WW BEAM

(Note: Specifications are subject to change without notice)

6mm COB PERFORMANCE DATA

LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
07LM	465LM @30K/95CRI	175mA	7W
Notes	Delivered lumens based on WW optic		

NSF · AT airtight · PR plenum rated · wet rated

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Trim

Trimless

Trimless Millwork

FEATURES

- Light uniformity from ceiling line to floor with no scalloping
- 3' set back with 3' on center spacing – 18 FC average (10' AFF)
- Placement of light intensity at any desired wall location
- Wide range of spacing flexible provides ability to navigate ceiling obstructions

DIMMING AND CONTROLS

- eldoLED flicker free 0-10V dimming to 0%
- eldoLED flicker free DALI 2 dimming to 0%
- Casambi bluetooth dimming to 0%
- NLight control interface dimming to 0%
- All driver offerings are remote with above ceiling access, see page 3 for details.
- Refer to DX remote panels for additional options.

CONSTRUCTION

- High-grade die-cast and cold forged aluminum alloy assembly that has superior thermal and corrosion resistance properties.
- Shatter proof acrylic bezel lens
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1-1/2", On-field thick ceiling adjustment, see page 7
- Fixture is pre-set and shipped at 30deg tilt

LED

- Luminus tunable white COB from 2700K - 6500K: 95 CRI, R9 > 70: SDCM = 4-step MacAdam Ellipse; Lumen Maintenance: L_{70} > 54,000 hrs
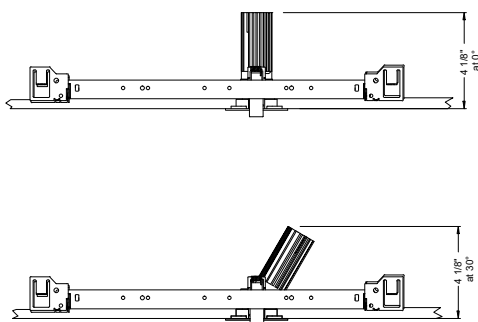
LISTING

- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP44 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
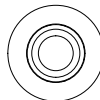- 5 Year Limited warranty

ELECTRICAL

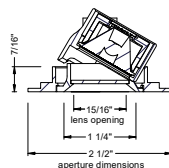- Low voltage luminaire: 36Vdc nominal
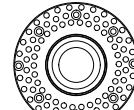- 07LM - 175mA

FIXTURE HEIGHT

LED LIGHT ENGINE: 07LM

4 1/8" at 0°

4 1/8" at 30°

TRIMMED

ceiling cutout 2-1/8" diameter
ceiling thickness 1/8" to 1-1/2"

7/16"
15/16" lens opening
1 1/4"
2 1/2" aperture dimensions

TRIMLESS

ceiling cutout 2-1/8" diameter
ceiling thickness 1/8" to 1-1/2"

7/16"
15/16" lens opening
1 1/4"
3 5/8" aperture dimensions

MILLWORK

ceiling cutout 2-1/8" diameter
ceiling thickness 1/8" to 1-1/2"

7/16"
15/16" lens opening
1 1/4"
2 1/16" aperture dimensions

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alphabet

WW BEAM ORDERING CODE

SERIES	NU1	NU1
TYPE	RW	round wall wash
	RWT	round wall wash trimless
	RWTMW	round wall wash trimless millwork
LED	TW	tunable white (Luminus)
DELIVERED LUMENS	07LM	465 lm

Standard Configuration: 3000K 95CRI

Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier]

CCT

2765	2700K to 6500K tunable white	CCT	2700K	3000K	3500K	4000K	5000K	5700K	6500K
		CCT MULTIPLIER FOR LUMEN OUTPUT	0.91	0.98	1.00	0.99	1.00	1.01	1.02
		EML RATIO	0.49	0.57	0.68	0.79	0.96	1.04	1.12

CRI	95	95 typical, 90 minimum
OPTIC & LM MULTIPLIER SEE PAGE 5	WW	wall wash with diffused angle bending lens

TRIM COLOR	BK	black
	WH	white
	MC	matte chrome
	BZ	bronze
	WT	wheat
	CC[1]	custom color, consult factory for details

Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.
Not applicable to trimless option. Do not include in trimless ordering code.

BEZEL COLOR	BK	black	(0.98)
	WH	white	(1.00)
	MC	matte chrome	(0.99)
	BZ	bronze	(0.98)
	WT	wheat	(0.99)
	CC[1]	custom color, consult factory for details	

Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.

WW BEAM ORDERING CODE

MOUNTING OPTIONS SEE PAGE 6, 7	NC	new construction with ceiling fitting plate
	IC	insulation contact housing
	ICAT	insulation contact/airtight housing
	CP	chicago plenum housing
	RET	retrofit, no ceiling fitting plate
	remote driver housing only	
VOLTAGE	LVL	low voltage luminaire
DIMMING	ND	No Driver Included. Customer to Supply PoE system components or order remote driver separately. Refer to POE/Remote Driver reference sheet for additional details.

ADDITIONAL MOUNTING INFO

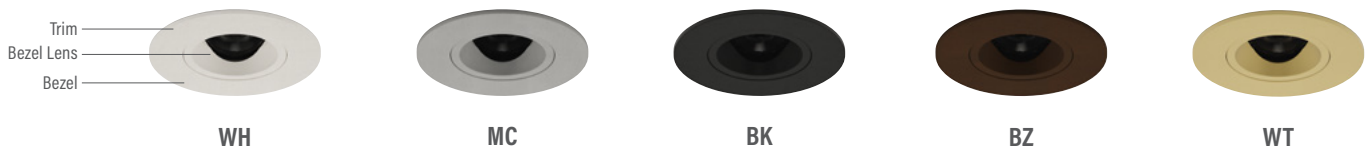| New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	*Extends a pair of Bar Hangers* Total Mounting Length: 29" to 48"

YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:

NU1 - RW - TW - 07LM - 2765 - 95 - WW - WH - WH - NC - LVL - ND

NOTES

1. Custom set up fee plus minimum quantity required per color.

TRIM OPTIONS

TRIM/BEZEL COLORS

Trim
Bezel Lens
Bezel

WH	MC	BK	BZ	WT

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alphabet

REMOTE DRIVER - ORDERING CODE

SERIES	DX-C	compact driver box
NUMBER OF DRIVERS	**1**	number of drivers, 1
CURRENT	**175**	175mA
VOLTAGE	**UNV**	120V-277V
DIMMING	**DIM10Z**	eldoLED flicker free 0-10V dimming to 0%
	DALIZ	eldoLED flicker free DALI 2 dimming to 0%
	CASZ	Casambi Bluetooth dim to zero
	NLT	nLight control interface: standard Cat-5/RJ45 connection (female), dim to off

WW BEAM
(Note: Specifications are subject to change without notice)

6mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	**NOMINAL DELIVERED LUMENS**	**SYSTEM WATTAGE**
07LM	465LM @30K/95CRI	11W
Notes	Delivered lumens based on WW optic	

YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:
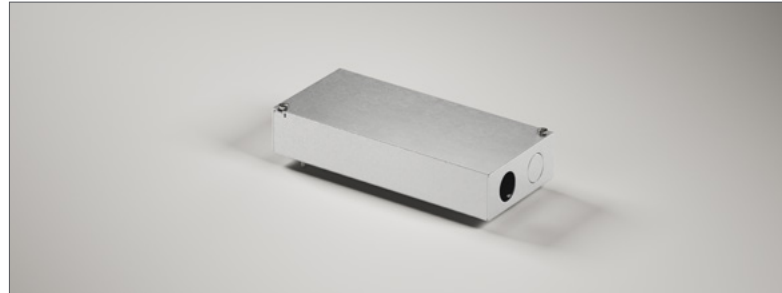
DX-C - 1 - 175 - UNV - DIM10Z

NOTES

* EldoLED uses logarithmic dimming curve as standard. For linear dimming curve, add "LIN" after dimming code, i.e. DIM10LIN.
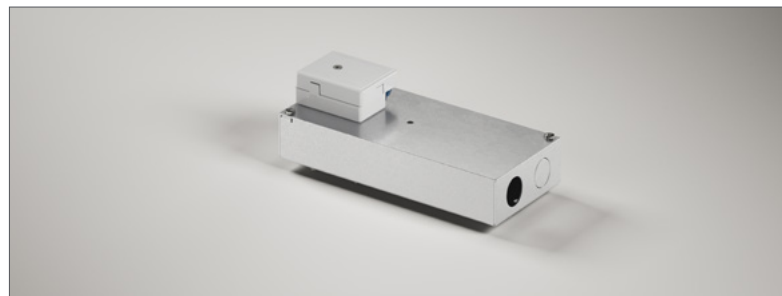
ELECTRICAL/CONTROLS

- 120V-277V
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Max. ambient installation temperature 95°F (35°C)
- Minimum wire gauge approved mounting distance 18 AWG, 330 feet
- Maximum Remote mounting distance of EM driver shall be 50 feet

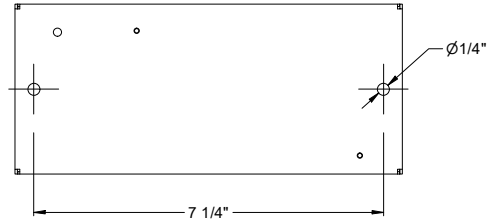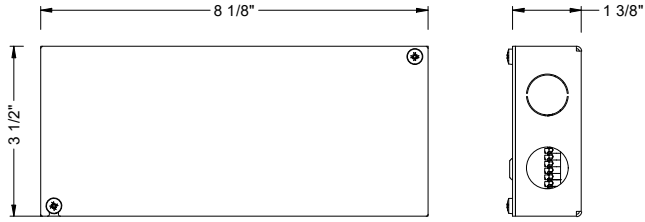## REMOTE SINGLE DRIVER BOX (DIM10Z & DALIZ)

REMOTE SINGLE DRIVER BOX (NLT & CASZ)

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DRIVER BOXES

REMOTE SINGLE DRIVER BOX (DIM10Z & DALIZ)

8 1/8"
3 1/2"
1 3/8"
Ø1/4"
7 1/4"
Wall mount option

REMOTE SINGLE DRIVER BOX (NLT & CASZ)
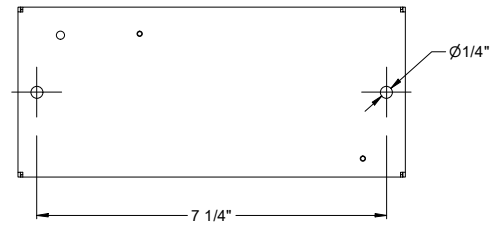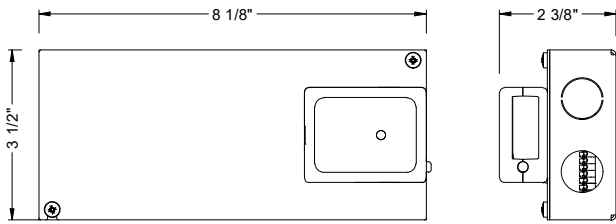
8 1/8"
3 1/2"
2 3/8"
Ø1/4"
7 1/4"
Wall mount option

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PHOTOMETRIC DATA DIAGRAM
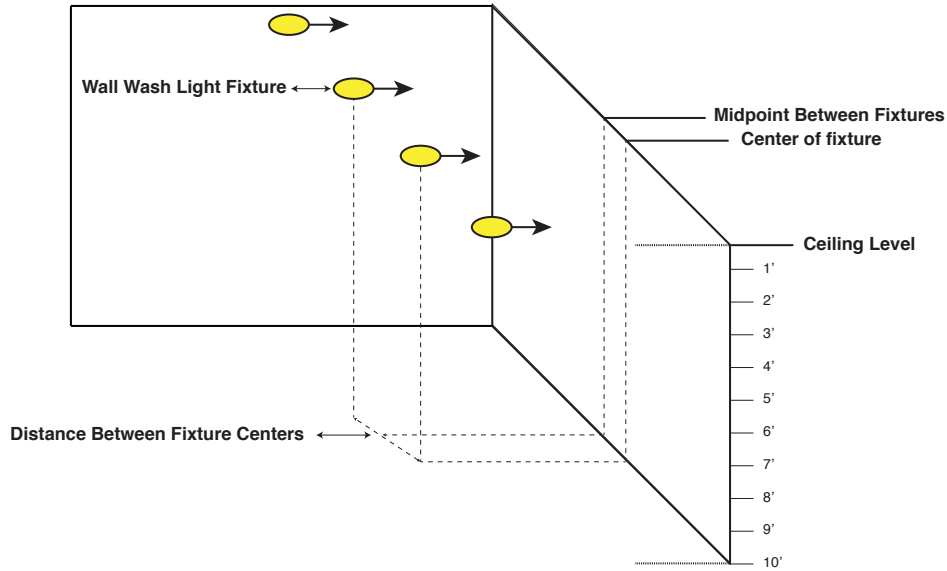
PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

TUNABLE WHITE 07LM 95CRI 3000K

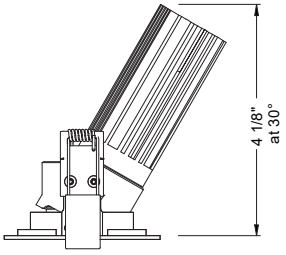| MOUNTING DISTANCE	2' FROM WALL						3' FROM WALL						4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		4' ON CENTER		2' ON CENTER		3' ON CENTER		4' ON CENTER		3' ON CENTER		4' ON CENTER		6' ON CENTER	
DISTANCE FROM CEILING	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT
1'	12.8	12.4	9.7	7.1	9.1	3.8	2.8	2.8	2	1.8	1.7	1.1	0.4	0.4	0.3	0.3	0.3	0.1
2'	25.7	25.7	18.4	16.7	15.8	10.8	12.1	12.4	8.7	8.6	6.9	6.1	4.1	4.2	3.2	3.1	2.4	1.8
3'	22.3	22.7	16	15.5	13	11.1	15.5	16	11.4	11.4	8.9	8.5	7	7.1	5.5	5.5	4.1	3.3
4'	15.9	16.3	11.7	11.7	9.3	8.8	14.2	14.7	10.8	10.9	8.5	8.3	8	8.2	6.4	6.4	4.6	4.2
5'	10.9	11.2	8.3	8.4	6.5	6.5	11.5	11.8	9	9.1	7.1	7.1	7.7	7.9	6.3	6.3	4.5	4.2
6'	7.5	7.7	5.9	6	4.7	4.8	8.8	9.1	7.1	7.2	5.7	5.8	6.8	7	5.6	5.7	4	3.9
7'	5.3	5.4	4.3	4.4	3.5	3.5	6.7	6.8	5.5	5.6	4.5	4.6	5.7	5.9	4.8	4.9	3.5	3.4
8'	3.8	3.9	3.1	3.2	2.6	2.7	5	5.2	4.3	4.4	3.6	3.6	4.7	4.8	4	4.1	2.9	2.9
9'	2.8	2.8	2.4	2.4	2	2.1	3.9	3.9	3.3	3.4	2.8	2.9	3.8	3.9	3.3	3.4	2.5	2.5
10'	2.1	2.1	1.8	1.9	1.6	1.6	3	3	2.6	2.7	2.3	2.3	3.1	3.2	2.7	2.8	2.1	2.1

NOTE

1. Performance based on typical reflectance values and room dimensions. IES files available at ledrabrands.com

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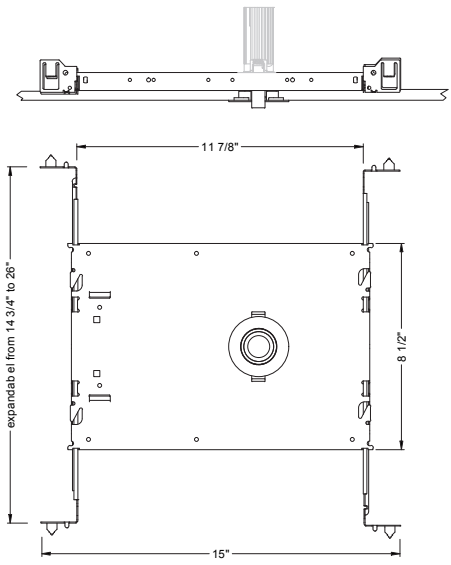
MOUNTING OPTIONS

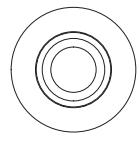### FIXTURE HEIGHT

07LM

4 1/8" at 30°

TRIMMED, TRIMLESS & MILLWORK

NC - NEW CONSTRUCTION

TRIM
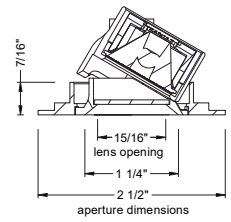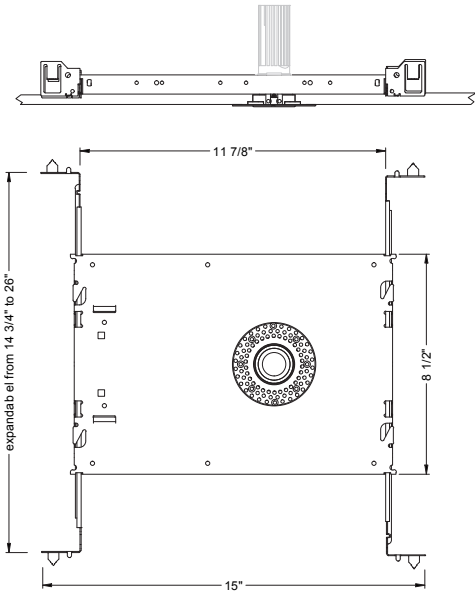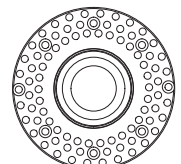

11 7/8"

expandab el from 14 3/4" to 26"

8 1/2"

15"

TRIM

ceiling cutout
2-1/8" diameter

ceiling thickness
1/8" to 1-1/2"

7/16"

15/16"
lens opening

1 1/4"

2 1/2"
aperture dimensions

TRIMLESS

11 7/8"

expandab el from 14 3/4" to 26"

8 1/2"

15"

TRIMLESS

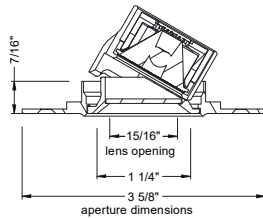ceiling cutout
2-1/8" diameter

ceiling thickness
1/8" to 1-1/2"

7/16"

15/16"
lens opening

1 1/4"

3 5/8"
aperture dimensions

TRIMLESS/MILLWORK

ceiling cutout
2-1/8" diameter

ceiling thickness
1/8" to 1-1/2"

7/16"

15/16"
lens opening

1 1/4"

2 1/16"
aperture dimensions

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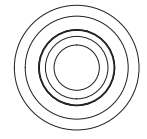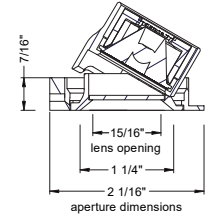
MOUNTING OPTIONS

RET - RETRO
TRIM/TRIMLESS

Minimum 4" plenum clearance

Remote Driver (above ceiling access required)

Wiring by others

IC - INSULATION CONTACT HOUSING
ICAT - INSULATION CONTACT / AIR TIGHT
CP - CHICAGO PLENUM

LENGTH (2)

HEIGHT

LENGTH (1)

WIDTH

BOX SIZE	L 1	L 2	W	H
A	15 - 7/16"	11 - 3/4"	8 - 1/2"	6 - 3/4"
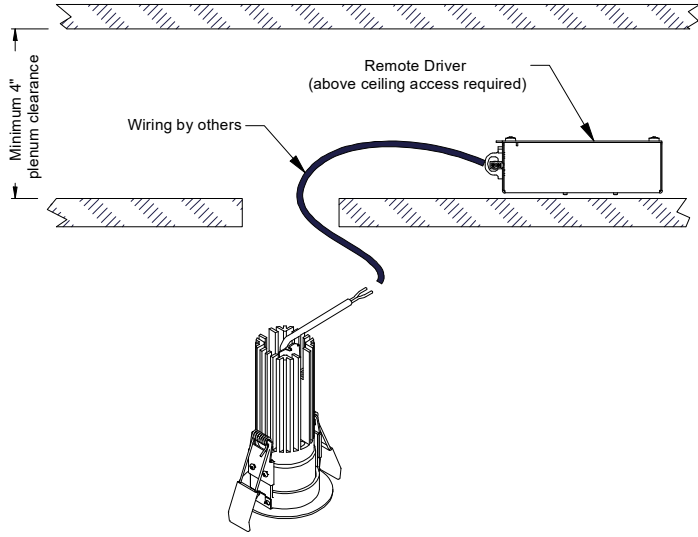
RATINGS / CERTIFICATIONS	NC	RET	IC	ICAT	CP
TYPE NON-IC	✔	✔			
TYPE IC			✔	✔	✔
CHICAGO PLENUM (CCEA)					✔
SUITABLE FOR AIR HANDLING PLENUMS				✔	✔
REDUCED AIRFLOW ASTM E283				✔	✔

BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS			
LUMEN OUTPUT	BOX - A		
	CP	IC	ICAT
07LM	✔	✔	✔

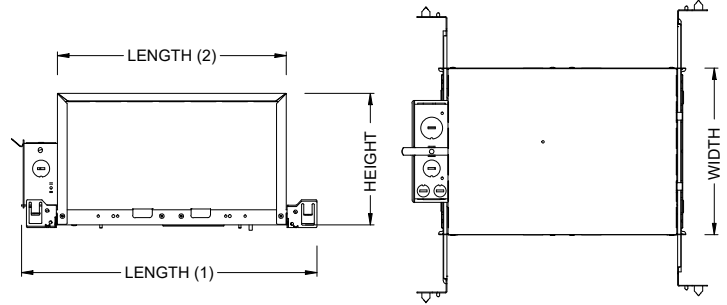| CEILING THICKNESS			
FIXTURE TYPE	MOUNTING TYPE		
	NC, IC, ICAT, CP, RET	NC, IC, ICAT, CP, RET	NC, IC, ICAT, CP, RET
	STANDARD CEILING THICKNESS	THICK CEILING THICKNESS	CEILING CUTOUT
TRIM	1/8" to 1.0"	1.0" to 1 1/2"	2-1/8" diameter
TRIMLESS	1/8" to 1.0"	1.0" to 1 1/2"	2-1/8" diameter
MILLWORK (TRIMLESS)	1/8" to 1.0"	1.0" to 1 1/2"	2-1/8" diameter

1"

field adjustable brackets

1 1/2"

1/8" to 1" thick ceiling

1" to 1-1/2" thick ceiling
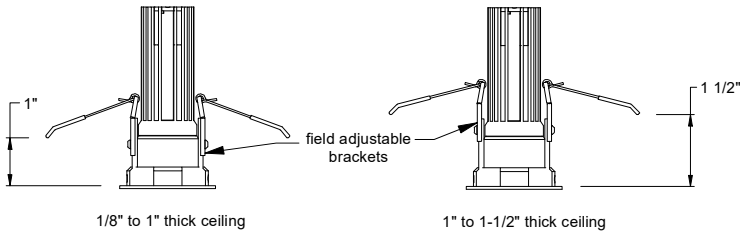
FIXTURE TILT INFO	
TILT	CEILING THICKNESS
0° TO 30°	1/8" to 1.0"
0° TO 20°	1.0" to 1 1/2"

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