alphabet

NU2

2" Round Adjustable XICATO

XICATO

LUTRON OEM ADVANTAGE ACCOUNT

eldoLED® *your product | our drive*

DESCRIPTION

The NU2RA 2" recessed adjustable by ALPHABET offers multiple cutting edge LED technologies, premium performance, thoughtful construction and pleasing aesthetics. Offered standard with premium dimming using EldoLED 1% flicker free drivers 120V-277V universal voltage. A minimalistic look is achieved with an ultrathin 1/16" flange. Color choices of both trim and bezel are offered for a customized look. An adjustable system allows tilt adjustments from 0° to 30°.

HOUSING

- Small fixture housing and driver box assembly allows for both remodel and new construction applications. The thermally-advanced, anodized heat sink uses 6063 aluminum alloy. A 90-minute constant-power IOTA emergency battery backup is available.

MOUNTING

- A simple mounting system allows for quick and secure installation with LED and driver serviceability from below the ceiling. The LED assembly uses two electrocoated spring steel wings that securely grip onto variable ceiling thicknesses. Integrated bar hangers feature integral toothed nails, T-bar mounting slots with locking holes, tabs for joist positioning. Retrofit mounting option allows for installation from below ceiling by use of compact driver box.

MOUNTING DIMENSIONS	CEILING THICKNESS	CEILING CUTOUT
Trim	1/2" to 1-1/4"	2-7/8" diameter

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"

LISTING

- ETLus Listed to UL1598, cETL Listed to CSA C22.2 #250.0

RATINGS / CERTIFICATIONS	NC	RET	IC	ICAT	CP
Type non-IC	✔	✔			
Type IC			✔	✔	✔
Chicago Plenum (CCEA)					✔
Suitable for air handling plenums	✔			✔	✔
Reduced airflow (with lens) ASTM E283				✔	✔

LED INFO

- SDCM = 1X2 MacAdam Ellipse, Duv +/- 0.001, Lumen Maintenance: L_{90} > 55,000 hrs

XICATO XTM MODULE - ORDERING CODE

SERIES	624	
TYPE	RA	round adjustable
LED	XTM19	Xicato XTM 19mm
DELIVERED LUMENS	07LM 10LM 13LM	580 lm 785 lm 1060 lm
CCT	27K 30K 35K 40K	2700K 3000K 3500K 4000K
CRI	83 98[1]	83 CRI 98 CRI
REFLECTOR & LM MULTIPLIER	D50 D60 S35 S55	50° diffused (0.93) 60° diffused (0.91) 35° specular (0.95) 55° specular (1.00) 15° narrow beam angle, see page 2 for details.
VOLTAGE	120 UNV	120V 120V-277V
DIMMING	DIM10[3] DIM10Z[3] DALI[3] DALIZ[3] LUT LUTP ELV[2]	eldoLED flicker free 0-10V dimming to 1% eldoLED flicker free 0-10V dimming to 0% eldoLED flicker free DALI dimming to 1% eldoLED flicker free DALI dimming to 0% Lutron Hi-lume Ecosystem dimming to 1%, Soft-on & Fade-to-Black Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black leading & trailing edge dimming (Triac/ELV)
MOUNTING OPTIONS	NC IC ICAT CP RET	new construction with ceiling fitting plate insulation contact housing insulation contact/airtight housing chicago plenum housing retrofit, no ceiling fitting plate
TRIM COLOR	BK WH BZ MC WT	black white bronze matte chrome wheat
BEZEL COLOR	BK WH MC BZ WT	black white matte chrome bronze wheat
ELECTRICAL OPTIONS	EM7	emergency battery backup, 90 minutes at 7 watts to LED

ORDERING CODE

Follow the steps to specify your fixture, example:
624 - RA - XTM19 - 13LM - 35K - 98 - D50 - 120 - DIM10 - NC - WH - WH - EM7

XTM19 (LED)	POWER	
DELIVERED LM	W (83 CRI)	W (98 CRI)
580	7	10
785	9	13
1060	13	N/A

Power Factor ≥ 0.9

NOTES
1. 98CRI not available for 13LM.
2. Triac/ELV dimming to <10% in 120V only.
3. Driver uses logarithmic dimming curve as standard. For linear dimming curve add "LIN" after dimming code, i.e. DIM10LIN.

Alphabet by Ledra Brands, Inc. | 88 Maxwell Irvine, CA 92618 | **PH:** 714.259.9959 **FAX:** 714.259.9969 | AlphabetLighting.com

100115

In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. | v.10.17.23 | NU2RA | Page 1 of 3

alphabet

15° NARROW BEAM - ORDERING CODE

SERIES	**624**	
TYPE	**RA**	round adjustable
LED	**XTM09**	Xicato XTM 9mm
DELIVERED LUMENS	**07LM**	730 lm
	10LM	995 lm
	13LM	1290 lm
CCT	**27K**	2700K
	30K	3000K
	35K	3500K
	40K	4000K
CRI	**83**	83 CRI
	98[1]	98 CRI
REFLECTOR & LM MULTIPLIER	**S15**	15° specular
VOLTAGE	**120**	120V
	UNV	120V-277V
DIMMING	**DIM10**[3]	eldoLED flicker free 0-10V dimming to 1%
	DIM10Z[3]	eldoLED flicker free 0-10V dimming to 0%
	DALI[3]	eldoLED flicker free DALI dimming to 1%
	DALIZ[3]	eldoLED flicker free DALI dimming to 0%
	LUT[5]	Lutron Hi-lume EcoSystem dimming to 1%, Soft-on & Fade-to-Black
	LUTP[5]	Lutron Hi-lume Premier EcoSystem dimming to 0.1%, Soft-on & Fade-to-Black
	ELV[4]	leading & trailing edge dimming (Triac/ELV)
MOUNTING OPTIONS	**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
TRIM COLOR	**BK**	black
	WH	white
	BZ	bronze
	MC	matte chrome
	WT	wheat
BEZEL COLOR	**BK**	black
	WH	white
	MC	matte chrome
	BZ	bronze
	WT	wheat
ELECTRICAL OPTIONS	**EM7**	emergency battery backup, 90 minutes at 7 watts to LED
	EM12[2]	emergency battery backup, 90 minutes at 12 watts to LED

ORDERING CODE

Follow the steps to specify your fixture, example:
624 - RA - XTM09 - 13LM - 30K - 83 - S15 - 120 - DIM10 - NC - WH - WH - EM7

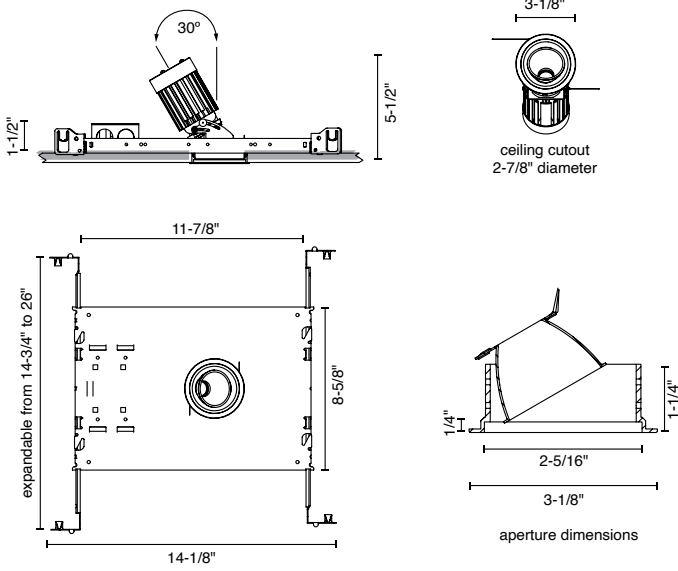| XTM09 (LED)	POWER	
DELIVERED LM	**W (83 CRI)**	**W (98 CRI)**
730	12	14
995	17	20
1290	24	N/A

Power Factor ≥ 0.9

NOTES
1. 98CRI not available for 13LM.
2. EM12 not available for 83CRI in 07LM or 10LM.
3. Driver uses logarithmic dimming curve as standard. For linear dimming curve add "LIN" after dimming code, i.e. DIM10LIN.
4. Triac/ELV dimming to < 10% in 120V only.
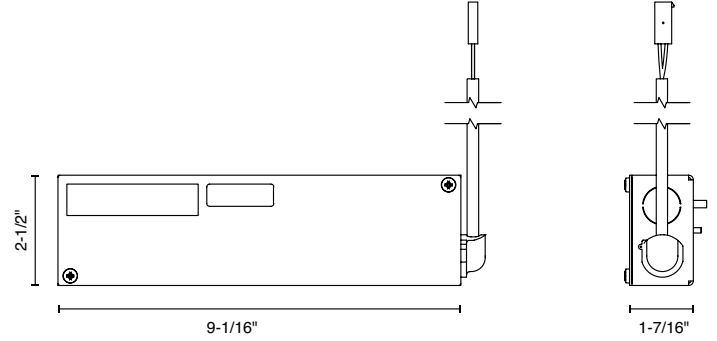5. LUT/LUTP not available in 13LM.

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100115

alphabet

MOUNTING OPTIONS

NC - NEW CONSTRUCTION

30°

5-1/2"

1-1/2"

3-1/8"

ceiling cutout
2-7/8" diameter

11-7/8"

expandable from 14-3/4" to 26"

8-5/8"

14-1/8"

1/4"

1-1/4"

2-5/16"

3-1/8"

aperture dimensions

RET - RETROFIT

2-1/2"

9-1/16"

1-7/16"

IC - INSULATION CONTACT HOUSING

11-3/4"

6-3/4"

15"

8-5/8"

12-3/8"
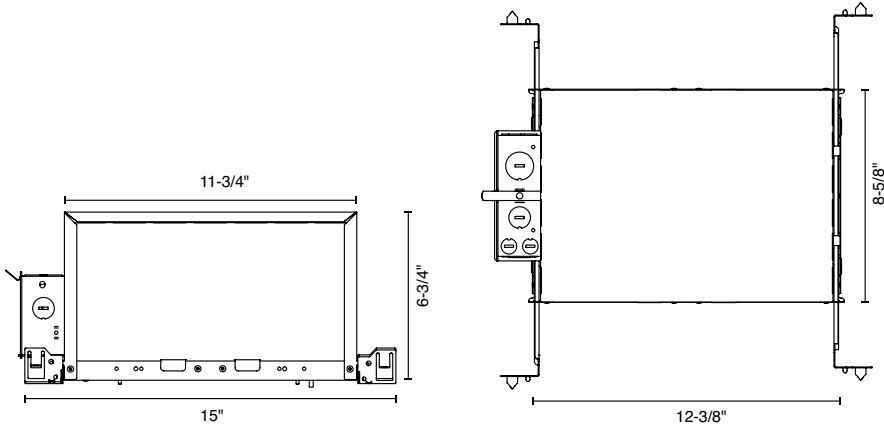
CP - CHICAGO PLENUM
ICAT - INSULATION CONTACT / AIR TIGHT

14-7/8"

11-3/8"

18-1/4"

12-1/4"

15-1/2"

100115

v.10.17.23 | NU2RA | Page 3 of 3