ALPHABET

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

LM-79

JOB NAME

CONTACT

ORDERING CODE

NU4"
PoE & Remote Driver Ready Square Wall Wash

igor   molex®   smartengine | wtec   RDR remote driver ready

Trim

Trimless

Millwork
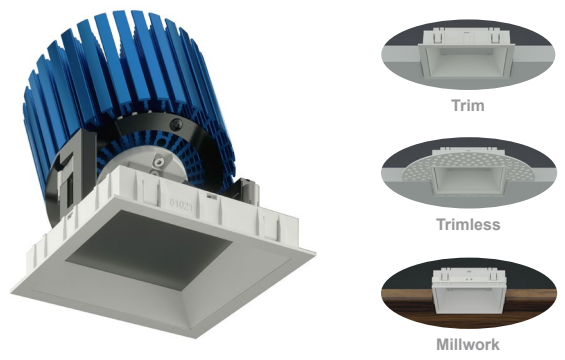
DESCRIPTION

The EcoNU4QW is an economical and highly efficient spec grade 4" recessed wall wash with thoughtful construction and pleasing aesthetics. Offered with our innovative Power over Ethernet (PoE) option that provides low voltage powering and dimming through a dual power and data CAT5 cable, powered and controlled by a switched network server. An asymmetric reflector with a highly-efficient BrightView angle-bending lens produces excellent wall washing with no scalloping.

For the trim version, a minimalistic look is achieved with an ultrathin 1/16" trim that is only 5/16" wide. Color choices of both trim and bezel are offered for a customized look. For the trimless version, a perforated, mud up, regressed trim assembly provides for clean, trim free installation. Perforated mud frame's integrated lip helps guide the joint compound creating a sharp and clean opening.

MOUNTING

An advanced mounting system allows for quick and secure installation with LED and driver serviceability from below the ceiling. The LED assembly uses die-cast aluminum mounting clamp grips (MCG) that swing out to tighten onto variable ceiling thicknesses. Integrated rubber feet on each MCG provide a non-slip vibration-resistant installation. The hidden MCG system is accessible from below ceiling by removing the snap-in lens/bezel assembly with either the included suction cup or a screwdriver blade. 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. No risk damaging LED or bezel assembly during installation, these are installed during last steps. Fixture and driver are easily removed for servicing after install without damaging drywall.

MOUNTING DIMENSIONS	CEILING THICKNESS	CEILING CUTOUT
Trim	1/8" to 1-1/4"	4-1/4" square
Trimless	3/8" to 1-3/4"	4-1/2" square
Millwork (Trimless)	5/8" to 1-3/4"	4-1/4" square

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"

LISTINGS

- ETLus Listed to UL2108, cETL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, Lexan dead-front construction
- Made in the USA - meets the requirements of the Buy American provision within the ARRA

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

- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 49,500 hrs
- 80 CRI: SDCM = 3-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 49,500 hrs

ORDERING CODE

SERIES	NU4	
TYPE	QW	square wall wash
	QWT	square wall wash trimless
	QWTMW	square wall wash trimless millwork
LED	SW	standard white
DELIVERED LUMENS	07LM	675 lm
	10LM	830 lm
	13LM	1090 lm
	15LM	1250 lm
	20LM	1705 lm
	25LM	2075 lm
	30LM	2580 lm
	40LM	3185 lm

Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier]
Standard Configuration: 3000K 80CRI

CCT	22K	2200K
	27K	2700K
	30K	3000K
	35K	3500K
	40K	4000K
	50K	5000K

CCT	2200K		2700K		3000K		3500K		4000K		5000K	
CRI	80+	90+	80+	90+	80+	90+	80+	90+	80+	90+	80+	90+
CCT MULTIPLIER FOR LUMEN OUTPUT	0.85	N/A	0.96	0.81	1.00	0.84	1.01	0.85	1.03	0.87	1.04	N/A

CRI	80	80 CRI
	90[1]	90 CRI

REFLECTOR & LM MULTIPLIER	WW	wall wash with diffused angle bending lens

VOLTAGE	LVL	low voltage luminaire

DIMMING	ND	No Driver Included. Customer to Supply PoE system components or order remote driver separately. Refer to POE reference sheet for additional POE details.

MOUNTING OPTIONS	NC	new construction with ceiling fitting plate
	IC[2]	insulation contact housing
	ICAT[2]	insulation contact/airtight housing
	CP[2]	chicago plenum housing
	RET	retrofit, no ceiling fitting plate

TRIM COLOR	BK	black
	WH	white
	MC	matte chrome
	BZ	bronze
	WT	wheat

Not applicable to trimless option. Do not include in trimless ordering code.

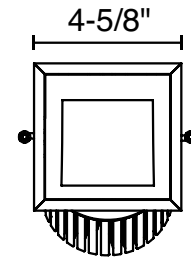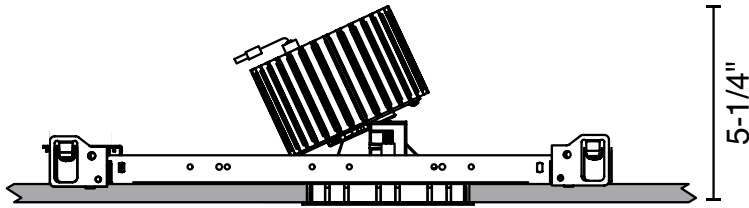| BEZEL COLOR	BK	black
	WH	white
	MC	matte chrome
	BZ	bronze
	WT	wheat

ORDERING CODE

Follow the steps to specify your fixture, example:
NU4 - QW - SW - 20LM - 35K - 90 - WW - 120 - DIM10 - NC - WH - WH - EM7

SW (LED)	POWER	CURRENT	OUTPUT VOLTAGE
DELIVERED LM	W (80/90 CRI)	MA	VF (V)
560	5	150	31
800	7	200	31
1040	9	250	31
1200	11	300	34
1600	13	350	35
2000	15	450	35
2400	20	550	36
3000	26	700	36

NOTES
1. 90 CRI not available in 2200K or 5000K.
2. IC/ICAT/CP not available in 40LM.

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.10.11.22 | NU4QW PoE & Remote Driver | Page 1 of 7

100840

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MOUNTING OPTIONS

NC – NEW CONSTRUCTION
TRIM

5-1/4"

4-5/8"

ceiling cutout
4-1/4" square
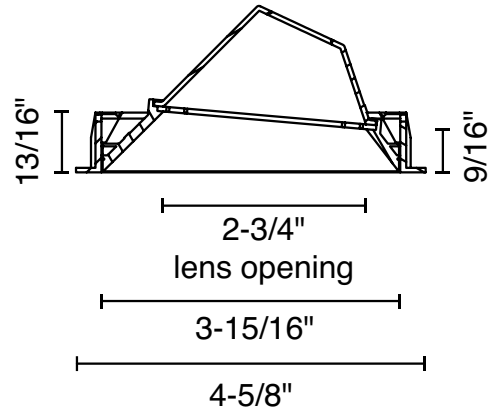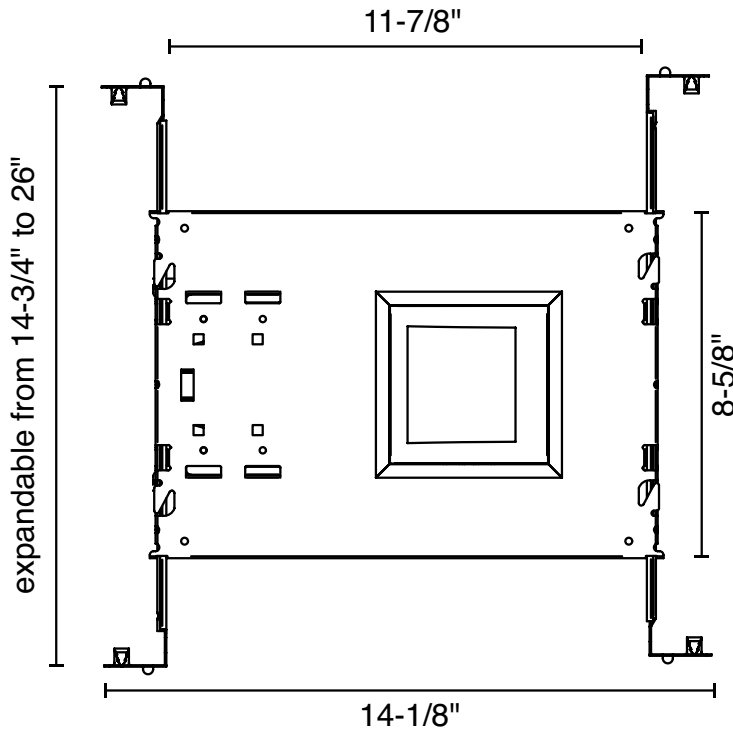
11-7/8"

expandable from 14-3/4" to 26"

8-5/8"

14-1/8"

13/16"

9/16"

2-3/4"
lens opening

3-15/16"

4-5/8"

aperture dimensions

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Remote Driver

Page 2 of 7

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MOUNTING OPTIONS (CONTINUED)

NC – NEW CONSTRUCTION
TRIMLESS

5-1/4"
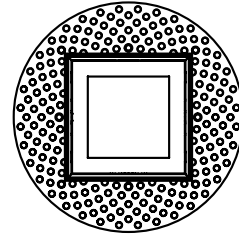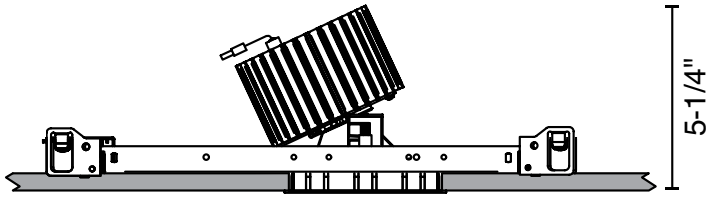
ceiling cutout
4-1/2" square

11-7/8"

expandable from 14-3/4" to 26"

8-5/8"

14-1/2"

13/16"

9/16"

2-3/4"
lens opening

3-15/16"

aperture dimensions

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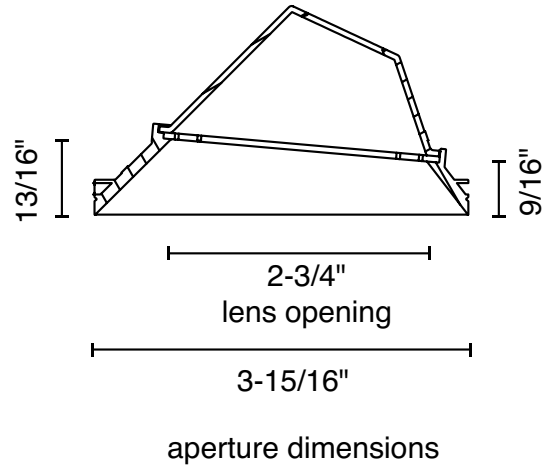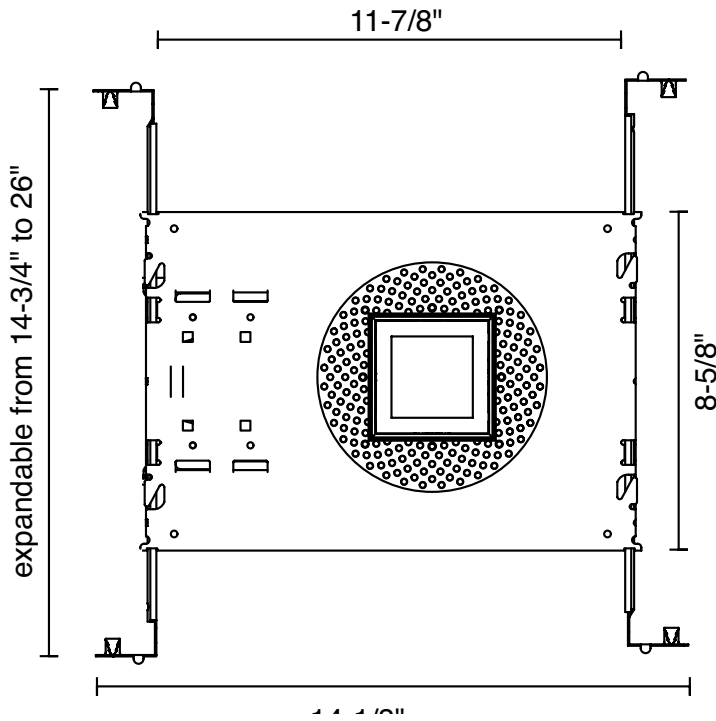
MOUNTING OPTIONS (CONTINUED)

NC – NEW CONSTRUCTION
TRIMLESS

1. Fasten mud frame to ceiling.

2. Insert protective cover (included).
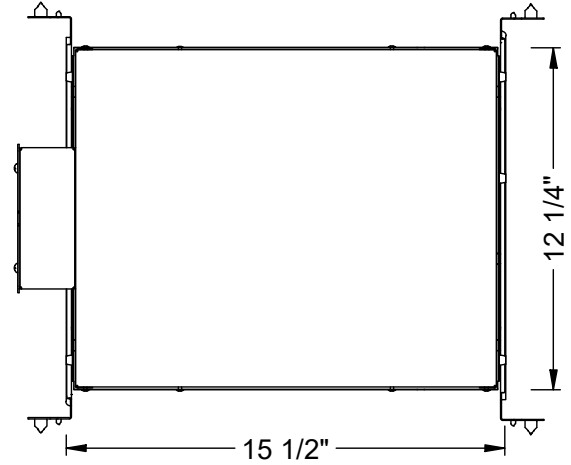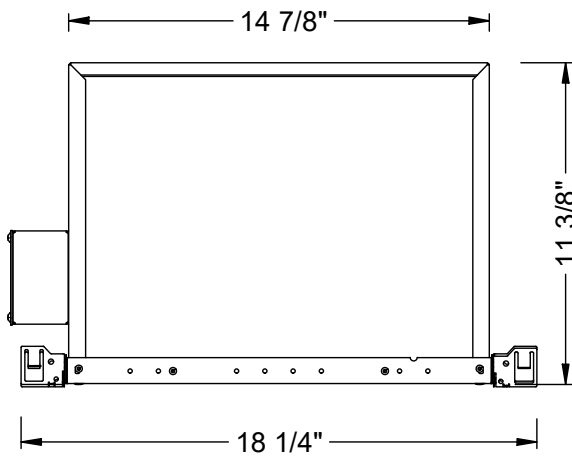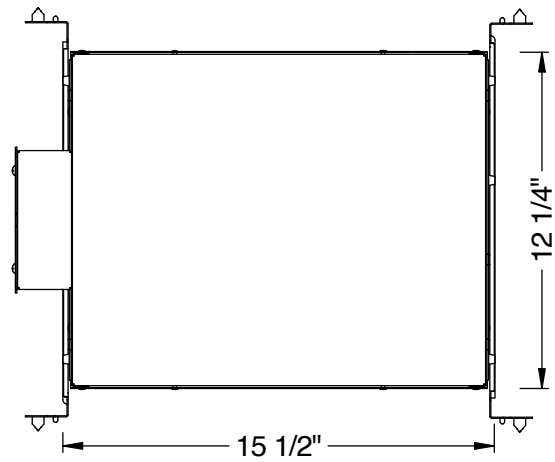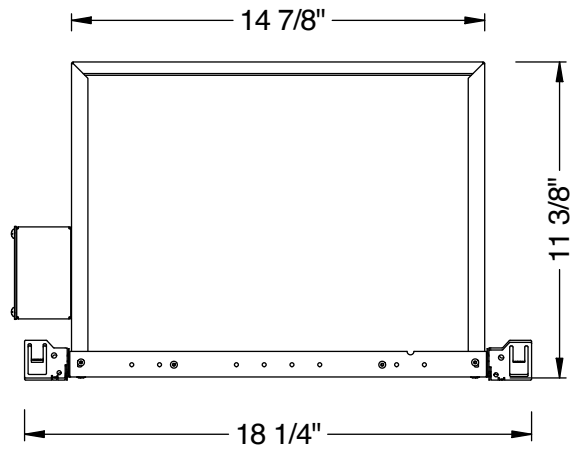Apply joint compound over the mud frame.
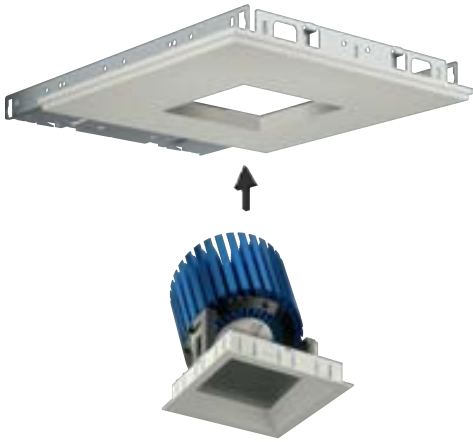
3. Install LED assembly.

4. Install bezel.

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MOUNTING OPTIONS (CONTINUED)

IC - INSULATION CONTACT HOUSING
TRIM/TRIMLESS

14 7/8"

11 3/8"

18 1/4"

12 1/4"

15 1/2"

CP - CHICAGO PLENUM
ICAT - INSULATION CONTACT / AIR TIGHT
TRIM/TRIMLESS

14 7/8"

11 3/8"

18 1/4"

12 1/4"

15 1/2"

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MOUNTING OPTIONS (CONTINUED)

RET - RETROFIT
TRIM/TRIMLESS

141.47 / 5.570 in

40.52 / 1.595 in

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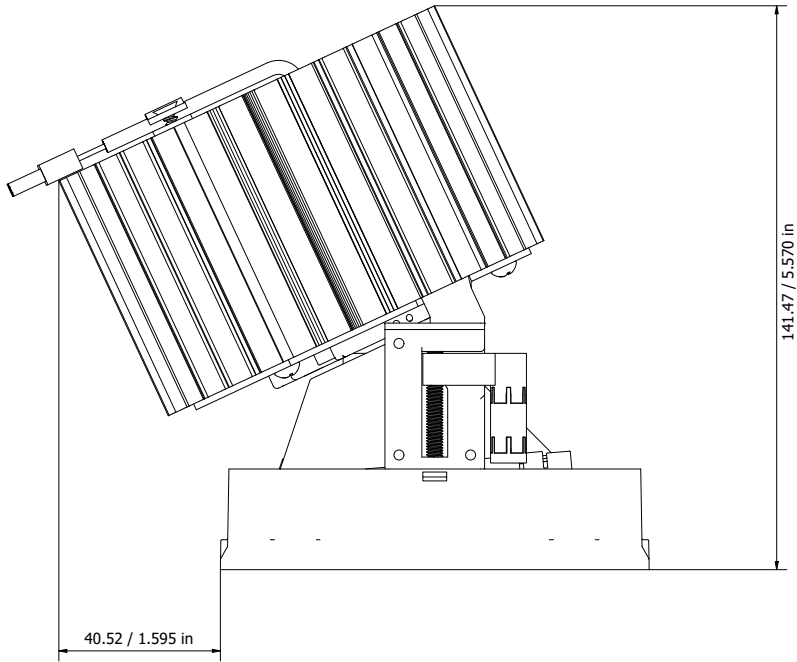
MOUNTING OPTIONS (CONTINUED)

QDTMW – MILLWORK
TRIMLESS

5/16"

4 1/4"
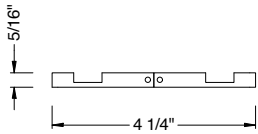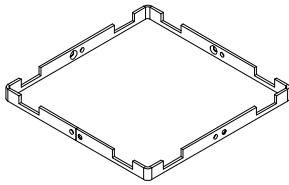
Millwork Mounting Bracket

Notes:

1. Ceiling cutout 4-1/4" x 4-1/4".

2. Millwork Mounting Bracket & Mounting Screws are inclued with each Luminaire.

3. One Plastic Spacer and two C-Clamps are included with each order.

4. Refer to Installation Instructions for further details.

1. Insert Millwork Mounting Bracket using the included Plastic Spacer for proper depth positioning.

2. Use the included C-Clamps to temporarily hold the Plastic Spacer in position. Fasten the included wood screws into the Mounting Bracket using a right-angle impact driver (supplied by others).

3. Remove Plastic Spacer.

4. Install Luminaire.

5. Insert Bezel to finish the installation.

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