



JOB NAME _____

CONTACT _____

ORDERING CODE _____

NU4" Square Downlight Warm Dim



DESCRIPTION

The NU4QD-WD 4" recessed downlight by ALPHABET offers economical and efficient dim-to-warm LED technology from Luminus, premium performance, thoughtful construction, and pleasing aesthetics. Offered standard with premium dimming using EldoLED 1% flicker free drivers 120V-277V universal voltage. Several beam angles available, plus an optional high-efficiency BrightView diffused lens for smooth light distribution and obscured LED image.

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.

HOUSING

Electrocoated 16-gauge cold-rolled steel provides enhanced structural reinforcement and rust prevention. Superior, UL-certified, injection-molded commercial-grade Lexan™ (PC) is used for the frame and regressed bezel trim. Lexan provides unmatched durability and impact resistance, and is tested for UV resistance and water exposure in outdoor applications. The thermally-advanced, anodized heat sink uses 6063 aluminum alloy. Wet location rated is offered standard. A 90-minute constant-power IOTA emergency battery backup is available.

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 1-5/8"	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 UL 1598, 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

- Seoul Semiconductor SunLike Acrich MJT COB:
97 CRI: SDCM = 3-step MacAdam Ellipse; Lumen Maintenance: L₇₀ > 49,500 hrs

ORDERING CODE	
SERIES	NU4
TYPE	QD square downlight QDT square downlight trimless QDTMW square downlight trimless millwork
LED	WD warm dim (Luminus)
DELIVERED LUMENS	10LM 900 lm 13LM 1200 lm 20LM 1865 lm 30LM 2820 lm
CCT	3018 3000K, dim to 1800K
CRI	97 97 CRI
REFLECTOR & LM MULTIPLIER	HE65 65° high efficiency diffused lens (0.89) HE75 75° high efficiency diffused lens (0.87) HE85 85° high efficiency diffused lens (0.95) D70 70° diffused with clear lens (0.91) WH85 85° brilliant white with clear lens (1.00)
VOLTAGE	120 UNV 120V 120V-277V
DIMMING	DIM10 eldoLED flicker free 0-10V dimming to 1% DIM10Z eldoLED flicker free 0-10V dimming to 0% DALI eldoLED flicker free DALI dimming to 1% DALIZ eldoLED flicker free DALI dimming to 0% DMXZ DMX dim to zero LUT Lutron Hi-lume Ecosystem dimming to 1%, Soft-on & Fade-to-Black ELV ² leading & trailing edge (Triac/ELV) dimming to < 10% ELV1 ² leading & trailing edge (Triac/ELV) dimming to 1%
MOUNTING OPTIONS	NC new construction with ceiling fitting plate IC ¹ insulation contact housing ICAT ¹ insulation contact/airtight housing CP ¹ 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
ELECTRICAL OPTIONS	EM7 ³ emergency battery backup, 90 minutes at 7 watts to LED EM12 ³ emergency battery backup, 90 minutes at 12 watts to LED

ORDERING CODE _____

Follow the steps to specify your fixture, example:
NU4 - QD - WD - 13LM - 3018 - 97 - HE85 - 120 - DIM10 - NC - WH - WH - EM7

LUMINUS (LED)	POWER	CCT AT LIGHT LEVEL (%LF) ⁴				
		%LF	30LM	20LM	13LM	10LM
DELIVERED LM	W (97CRI)					
900	13	100%	3000	3000	3000	3000
1200	17	50%	3000	3000	3000	2800
1865	27	25%	2800	2800	2500	2300
2820	40	10%	2200	2200	2000	1900
		5%	1800	1800	1800	1800

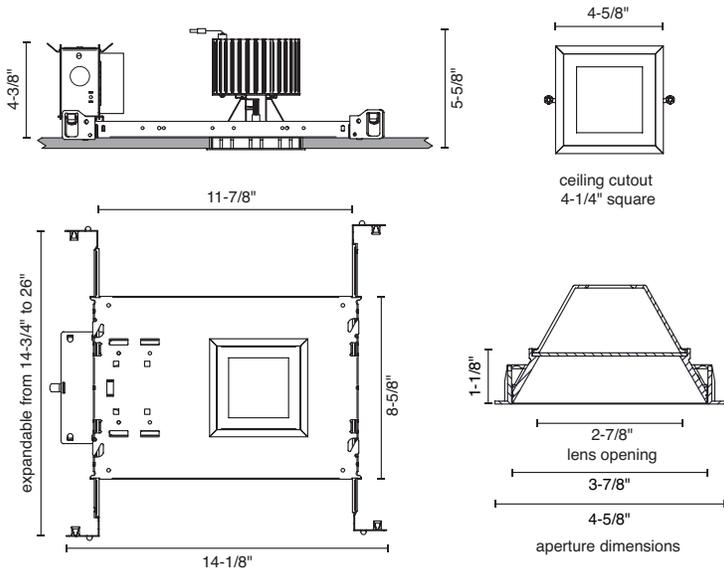
Power Factor ≥ 0.9

NOTES

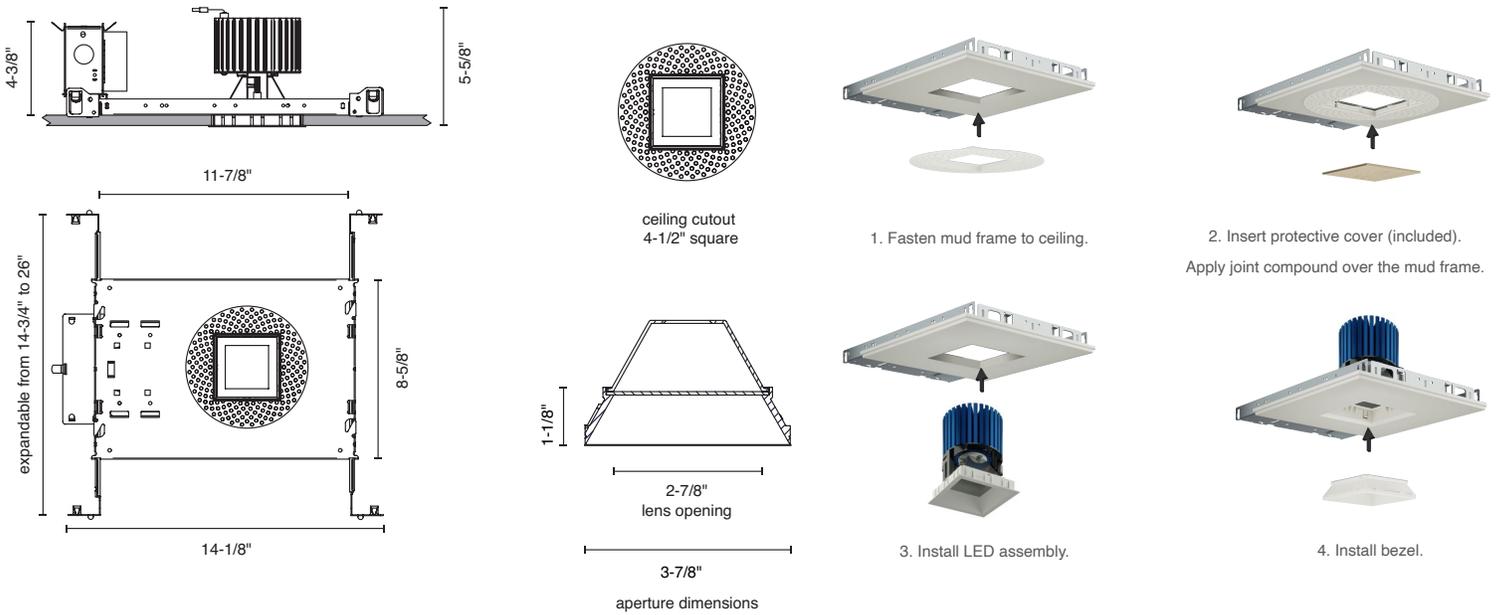
1. IC/ICAT/CP not available for 30LM.
2. Triac/ELV dimming available in 120V only. Not available in 30LM.
3. For integrated test switch add "ITS" after emergency backup code, i.e. EM12ITS. Test switch is mounted in the bezel of the fixture.
4. Values shown are for reference only. Actual CCT may vary.

MOUNTING OPTIONS

NC - NEW CONSTRUCTION TRIM

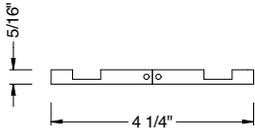
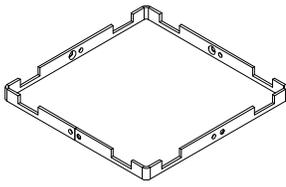


NC - NEW CONSTRUCTION TRIMLESS



MOUNTING OPTIONS (CONTINUED)

QDTMW – MILLWORK TRIMLESS



Millwork Mounting Bracket

NOTES

- 1 Ceiling cutout 4-1/4" x 4-1/4".
- 2 Millwork Mounting Bracket & Mounting Screws are included 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.

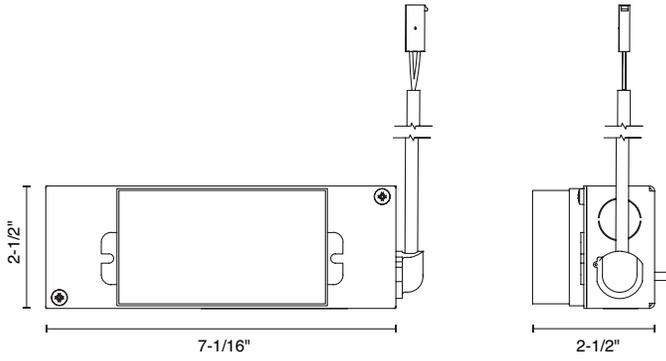


5. Insert Bezel to finish the installation.

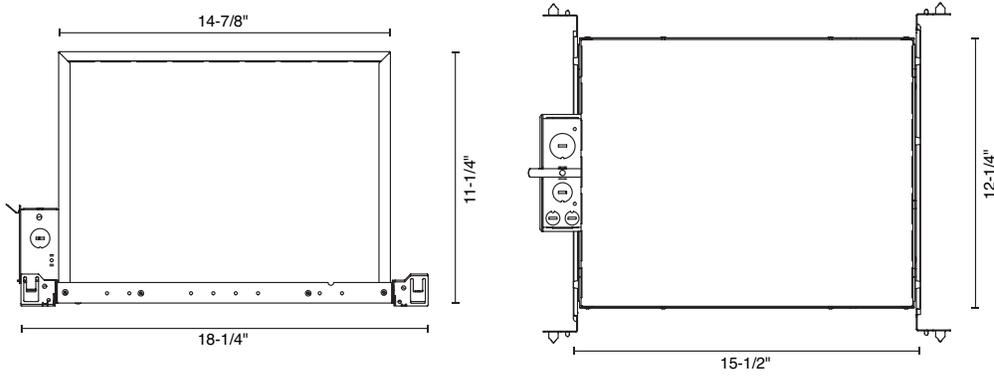


MOUNTING OPTIONS (CONTINUED)

RET - RETROFIT TRIM/TRIMLESS



IC - INSULATION CONTACT HOUSING TRIM/TRIMLESS



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

