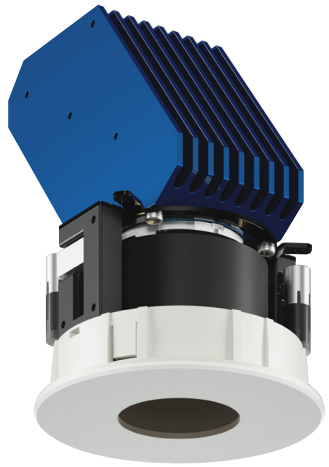
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU1

1" Round Downlight Warm Dim



DESCRIPTION
The NU1RD-WD 1" recessed downlight with pinhole trim for extreme glare control by ALPHABET offers economical and efficient dim-to-warm LED technology from Luminus. It comprises of 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 are available. A minimalistic look is achieved with an ultrathin 1/16" trim that is only 5/16" wide.

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. 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 1-1/4"	3-3/8" 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"

LISTINGS
- ETLus Listed to UL1598, cETL Listed to CSA C22.2 #250.0
- Suitable for damp locations
- 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				✔	✔

LED INFO
- Luminus Dim-to-warm COB:
  97 CRI: SDCM = 3-step MacAdam Ellipse; Lumen Maintenance: L_{70} > 54,000 hrs

ORDERING CODE

SERIES	NU1	
TYPE	RDPH	round downlight, pinhole
LED	WD	warm dim (Luminus)
DELIVERED LUMENS	15LM 20LM 30LM	900 lm, CBCP 3,753 1285 lm, CBCP 5,423 1620 lm, CBCP 4,753 Standard Configuration: 3000K 45D CBCP:Tightest beam angle
CCT	3018	3000K, dim to 1800K
CRI	97	97 CRI
OPTIC & LM MULTIPLIER	25D 30D 35D 45D	25 degrees (0.68) 30 degrees (0.88) 35 degrees (0.93) 45 degrees (1.00)
VOLTAGE	120 UNV	120V 120V-277V
DIMMING	DIM10[4] DIM10Z[4] DALI[4] DALIZ[4] ELV[2] ELV1[2]	eldoLED flicker free 0-10V dimming to 1% eldoLED flicker free 0-10V dimming to 0% eldoLED flicker free DALI-2 dimming to 1% eldoLED flicker free DALI-2 dimming to 0% leading & trailing edge (Triac/ELV) dimming to < 10% leading & trailing edge (Triac/ELV) dimming to 1%
MOUNTING OPTIONS	NC IC[1] ICAT[1] CP[1] 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	black, with black optical cavity white, with black optical cavity
ELECTRICAL OPTIONS	EM7 EM12	emergency battery backup, 90 minutes at 7W to LED emergency battery backup, 90 minutes at 12W to LED

ORDERING CODE

Follow the steps to specify your fixture, example:
NU1 - RDPH - WD - 15LM - 3018 - 97 - 25D - 120 - DIM10 - NC - WH - EM7

LUMINUS (LED)	POWER
DELIVERED LM	W (97CRI)
900	17
1285	26
1620	39

CCT at Light Level (%LF)[3]			
%LF	30LM	20LM	15LM
100%	3000	3000	3000
50%	3000	3000	3000
25%	2800	2800	2500
10%	2200	2200	2000
5%	1800	1800	1800

Power Factor ≥ 0.9

NOTES
1. IC/ICAT/CP not available in 20LM and 30LM.
2. Triac/ELV dimming available in 120V only.
3. Values shown are for reference only. Actual CCT may vary.
4. Not available in 30LM. Driver uses logarithmic dimming curve as standard. For linear dimming curve add "LIN" after dimming code, i.e. DIM10LIN.

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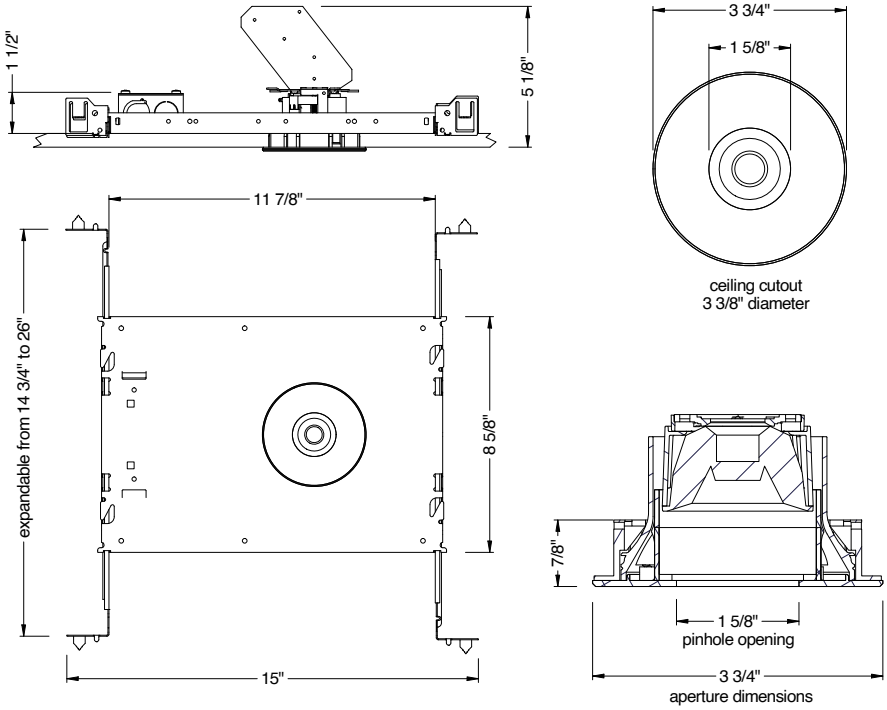
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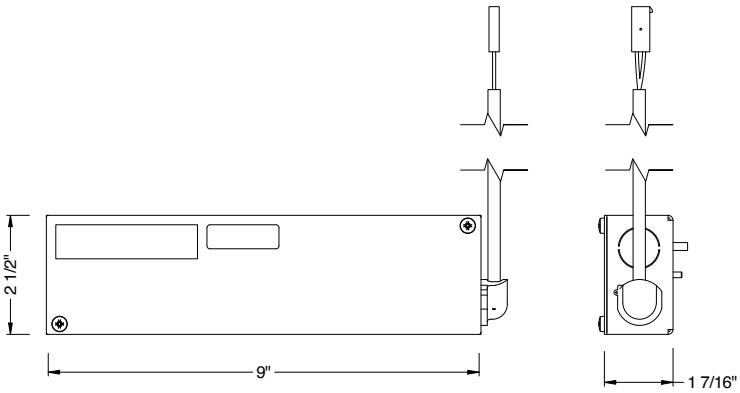
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MOUNTING OPTIONS

NC - NEW CONSTRUCTION



RET - RETROFIT



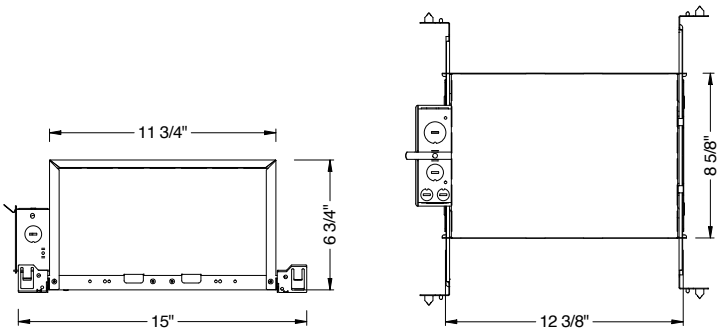
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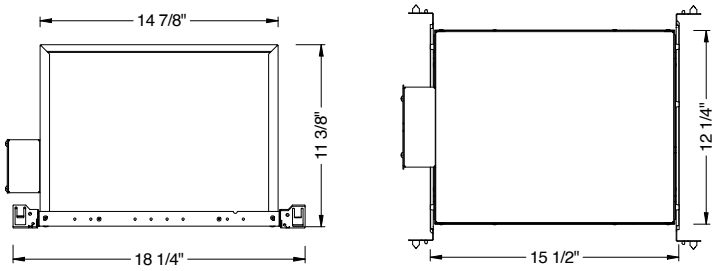
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MOUNTING OPTIONS (CONTINUED)

IC - INSULATION CONTACT HOUSING



CP - CHICAGO PLENUM
ICAT - INSULATION CONTACT / AIR TIGHT



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