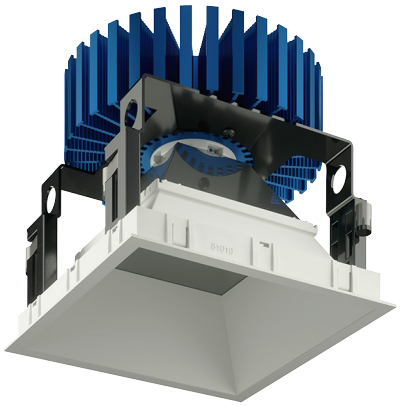
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU6

6" Square Downlight Warm Dim



LM-79

ORDERING CODE

SERIES	NU6	
TYPE	QD	square downlight
LED	WD	warm dim (Luminus)
DELIVERED LUMENS	10LM 13LM 20LM 30LM	900 lm 1170 lm 1800 lm 2700 lm
CCT	3018	3000K, dim to 1800K
CRI	97	97 CRI
REFLECTOR & LM MULTIPLIER	HE70 HE85 D75 WH85	70° high efficiency diffused lens (0.93) 85° high efficiency diffused lens (0.96) 75° diffused with clear lens (0.93) 85° brilliant white with clear lens (1.00)
VOLTAGE	120 UNV	120V 120V-277V
DIMMING	DIM10 DIM10Z DALI DALIZ DMXZ LUT ELV[2] ELV1[2]	eldoLED flicker free 0-10V dim to 1% eldoLED flicker free 0-10V dim 0.1% eldoLED flicker free DALI-2 dim to 1% eldoLED flicker free DALI-2 dim to 0.1% DMX dim to zero Lutron Hi-lume Ecosystem dimming to 1%, Soft-on & Fade-to-Black leading & trailing edge (Triac/ELV) dimming to < 10% leading edge & trailing edge (Triac/ELV) dim to 1%
MOUNTING OPTIONS	NC IC[1] ICAT[1] CP[1] RET	new construction plate insulation contact housing insulation contact/airtight housing chicago plenum housing retrofit, no ceiling plate
TRIM COLOR	BK WH MC BZ	black white matte chrome bronze
BEZEL COLOR	BK WH MC BZ	black white matte chrome bronze
ELECTRICAL OPTIONS	EM7[3] EM12[3]	remote emergency battery, 90 min at 7W remote emergency battery, 90 min at 12W

DESCRIPTION

The NU6QD-WD 6" 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. 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. Several beam angles available, plus an optional high-efficiency BrightView diffused lens for smooth light distribution and obscured LED image.

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"	6-1/4" 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 UL1598, 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

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

ORDERING CODE

Follow the steps to specify your fixture, example:
NU6 - QD - WD - 30LM - 3018 - 97 - D75 - 120 - DIM10 - NC - WH - WH - EM7

LUMINUS (LED)	POWER	CCT AT LIGHT LEVEL (%LF)[4]				
DELIVERED LM	W (97CRI)	%LF	30LM	20LM	13LM	10LM
900	13	100%	3000	3000	3000	2800
1170	17	50%	3000	3000	3000	2800
1800	27	25%	2800	2800	2500	2300
2700	40	10%	2200	2200	2000	1900
		5%	1800	1800	1800	1800

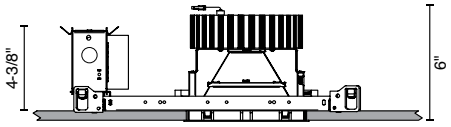
Power Factor ≥ 0.9

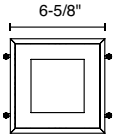
NOTES
1. IC/ICAT/CP not available in 30LM.
2. Triac/ELV dimming available in 120V only.
3. For integrated test switch add "ITS" after emergency backup code, i.e. EM12ITS. Test switch is mounted in the bezel of the fixture.
4. Values shown are for reference only. Actual CCT may vary.

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

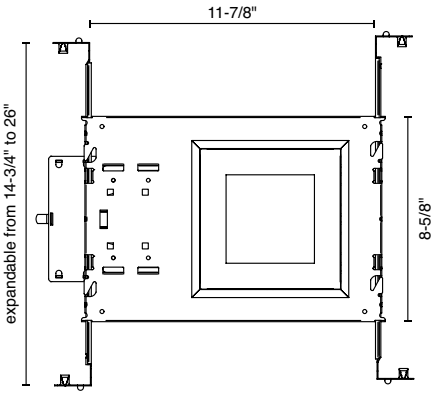
MOUNTING OPTIONS

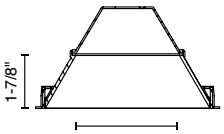
NC - NEW CONSTRUCTION





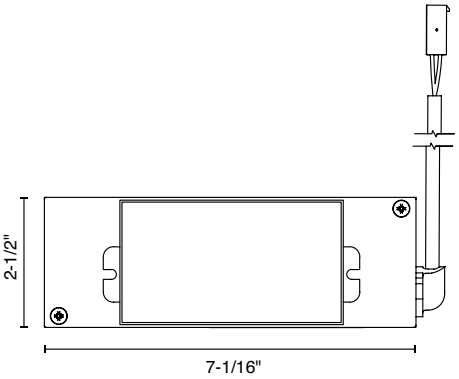
ceiling cutout
6-1/4" square

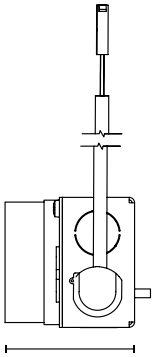




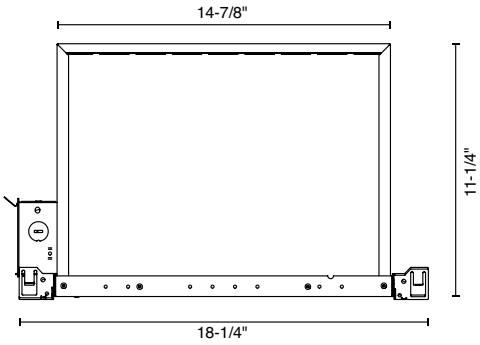
aperture dimensions

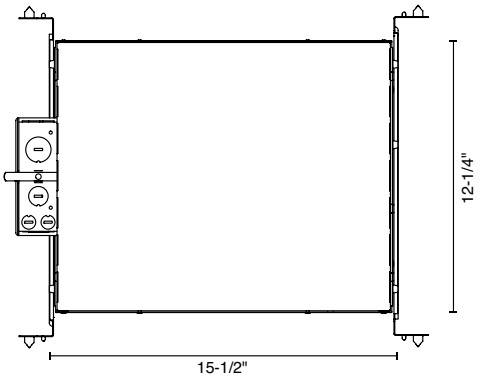
RET - RETROFIT





IC - INSULATION CONTACT HOUSING





CP - CHICAGO PLENUM
ICAT - INSULATION CONTACT / AIR TIGHT

