

Large aperture downlights
with minimal glare.

NDLED 7" Downlight



- Available with high 90+ CRI
- Universal driver is compatible with TRIAC, ELV and 0-10V dimmers*
- 30W NDLED7 replaces 50W MH and 32W CFL
38W NDLED7 replaces 70W MH and 42W CFL
- Precision optics deliver smooth, abundant light, ideal for high ceilings
- Lightweight design for easy installation and increased safety
- Available in 2700, 3000, 3500 and 4000K
- 100,000-Hour LED lifespan



Engineered to perform.

NDLED7 is designed with a 7" aperture and a precision-engineered diffusion lens, delivering up to 3368 lumens with minimal glare and outstanding uniformity from mounting heights up to 20 feet.

Easy Installation.

NDLED7 makes installation fast and easy with butterfly brackets that allow multiple support components (1 1/2" C-Channels, 1/2" x 1/8" steel bar, 1/2" EMT conduit, RAB nailer bars). They adjust up to 3 1/4" in height to accommodate various grid runners and other obstructions. Oversized jbox has five 7/8" knockouts and allows easy access to wiring.

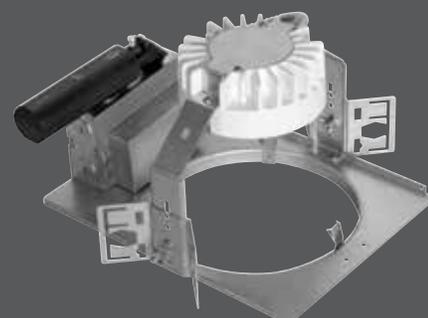


Listed for wet locations.

Because the NDLED7 is UL listed for wet locations with covered ceilings, it can also be utilized in building canopies and other covered outdoor areas.

Light controls made easy.

The NDLED7 is available with a factory-installed Lightcloud™ Controller for use with RAB's Lightcloud lighting control system. Visit lightcloud.com for more information.



Specifications

UL Listing: Suitable for wet locations with a covered ceiling; non-IC-rated ceilings

LEDs: Long-life, high-efficiency, surface mount LEDs with 3 step binning

Driver: Class 2, constant current, 50/60 Hz, 120-277V, 6kV surge protection

Dimming: Universal dimming driver for 0-10V (at 120-277V), TRIAC or ELV (at 120V only)*

Lifespan: 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Heat Sink: Die-cast aluminum with external fins for maximum heat dissipation

Housing: Die-formed galvanized steel construction

Lens: Diffusion lens for smooth and even light distribution

Reflector: Spun aluminum. Available with white painted finish, anodized specular silver or anodized matte (semi-specular) silver.

Mounting: Butterfly brackets accept nailer bars, 1/2" conduit, 1/4" or 1/2" bar stock, or c-channels

Cut Out Dimensions: 7 3/4" - 8 5/8" diameter

Color Consistency: 3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Green Technology: Mercury and UV free, and RoHS compliant

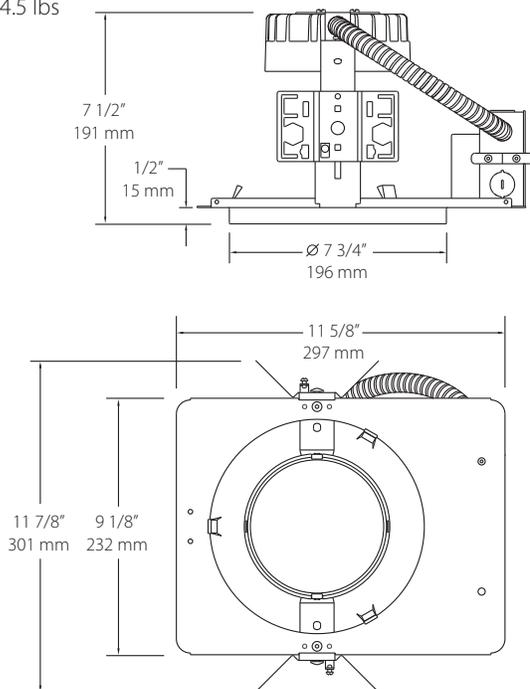
* See list on right for compatible TRIAC and ELV dimmers.

Dimensions & Weights

ROUGH IN

Weight:

4.5 lbs



Color Temperature

Residential Warm (Nominal CCT: 2700K)



Warm (Nominal CCT: 3000K)



Warm/Neutral (Nominal CCT: 3500K)



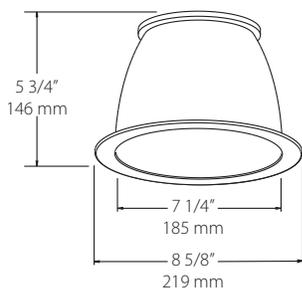
Neutral (Nominal CCT: 4000K)



REFLECTOR

Weight:

0.7 lbs



Dimmer Compatibility

LUTRON

Diva DVELV-303P
 Diva DVCL-153P
 Diva DV-600P
 Diva DV-603P
 Feadra FAELV-500
 Lumea LG-600P
 Maestro MAELV-600
 RRD-6NA-WH
 RRD-6D-WH
 Skylark CT-103P
 Skylark CTCL-153P
 Skylark S-600P
 Skylark S-603PG
 Skylark SELV-300P
 Skylark S-600P
 Toggler TGCL-153P
 Toggler TG-600P

LIGHTOLIER

Sunrise ZP260QEW

LEVITON

Decora 6161
 Decora 6674-P
 Decora IPL06-10Z
 Decora 6631-P
 IllumaTech IPI06-1LZ
 IllumaTech IPE04
 SureSlide 6631-2
 SureSlide 6633-P
 Trimatron 6683-IW
 Vizia VPE06
 35A00-1

COOPER

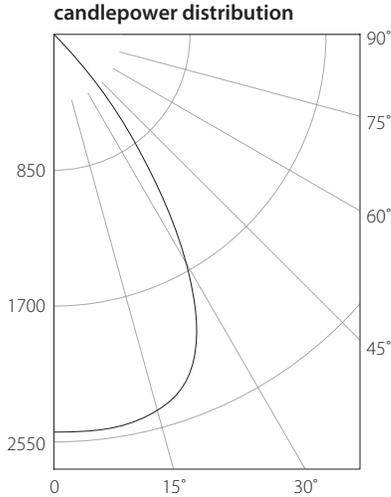
AAL06-C1
 DAL06P-C1
 Devine DLC03P
 Devine DAL06P
 SAL06P-W
 Skye SLC03P
 TAL06P-C1

This partial list contains a representative selection of known compatible dimming controls.

Photometrics

NDLED7R30Y + ND7TRIMS: 30W - 3000K - Specular Reflector

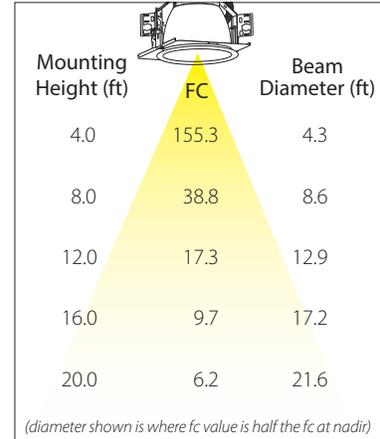
Photometric Report #RAB01440MOD308030



candela distribution

vertical deg.	candelas
0	2485
5	2487
15	2442
25	2091
35	1041
45	59
55	2
65	1
75	1
85	0
90	0

cone of light



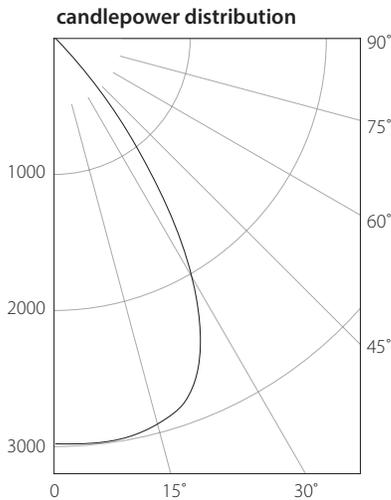
zonal lumen summary

zone	lumens	% fix.
0- 30	1870	71.7
0- 40	2516	96.4
0- 60	2608	99.9
0- 90	2609	100.0
90-180	0	0.0
0-180	2609	100.0

Efficacy: 89 lm/W

NDLED7R38Y + ND7TRIMS: 38W - 3000K - Specular Reflector

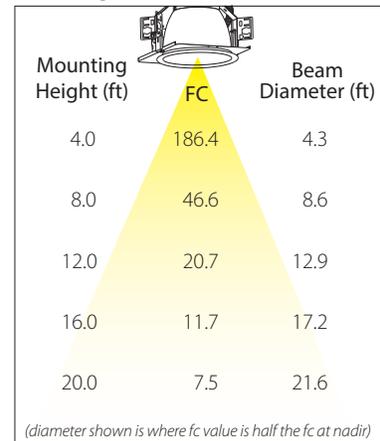
Photometric Report #RAB01441



candela distribution

vertical deg.	candelas
0	2983
5	2985
15	2931
25	2510
35	1250
45	71
55	2
65	1
75	1
85	0
90	0

cone of light



zonal lumen summary

zone	lumens	% fix.
0- 30	2245	71.7
0- 40	3020	96.4
0- 60	3131	99.9
0- 90	3132	100.0
90-180	0	0.0
0-180	3132	100.0

Efficacy: 84 lm/W

Catalog Number Matrix

ROUGH-IN (Reflector must also be ordered for a complete fixture)

Product Family	Size	Shape	Wattage	Color Temp	CRI	Options
NDLED	7"	Round	30 30W 38 38W	N 4000K YN 3500K Y 3000K YY 2700K	Blank 80+ CRI HC 90+ CRI	/LC Lightcloud™ Controller

REFLECTOR

Product Family	Size	Shape	Finish
ND	7"	TRIM	W White S Specular Silver M Matte Silver