

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Install from below construction standard.

Additional mounting options available including new construction mounting pan and Chicago plenum.

Ambient operating temperature: 25 °C. High ambient option available.

Light engine and driver are accessible from above or below ceiling.

Passive cooling thermal management

Max ceiling thickness 1-1/4"

OPTICS — 3 SDCM; 80 CRI typical

Diffusing lens covers optical chamber

55° cutoff to source and source image

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes.

ELECTRICAL — 120V TRIAC or ELV dimming and Multi-volt 0-10V dimming available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled

70% lumen maintenance at 50,000 hours

LISTINGS — Certified to US and Canadian safety standards. Damp location standard (wet location, covered ceiling optional).

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

LDN3



3" OPEN
Non-IC
New Construction Downlight



A+ Capable options indicated by this color background.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: LDN3 35/10 L03AR LSS MVOLT UGZ

LDN3							
Series		Color temperature	Lumens	Aperture/Trim Color		Finish	
LDN3 3" round		27/ 2700K	05 500 lumens	L03	Downlight	AR	Clear
		30/ 3000K	10 1000 lumens	LW3	Wallwash	WR ²	White
		35/ 3500K	15 ¹ 1500 lumens			BR ²	Black
		40/ 4000K					
						LSS	Semi-specular
						LD	Matte diffuse
						LS	Specular

Voltage	Driver	Options			
MVOLT ³ Multi-volt	UGZ10 Universal dimming to 10% (0-10V, 120V, Triac, or ELV	SF ⁶ Single Fuse		HAO	High ambient Option (40°C)
120 120V		TRW ⁷ White painted flange		CP	Chicago Plenum
277 277V	UGZ Universal dimming to 1% (0-10V, 120V, Triac, or ELV	TRBL ⁷ Black painted flange		WL	Wet location
347 ^{4,5} 347V		ELR ⁸ Batterypack (remote)		NCH	New construction housing
		NPP16D ^{4,5,6} nLight network power/relay pack with 0-10V dimming.			
		NPP16DER ^{4,5,6} nLight network power/relay pack with 0-10V dimming. ER controls fixtures on emergency circuit.			

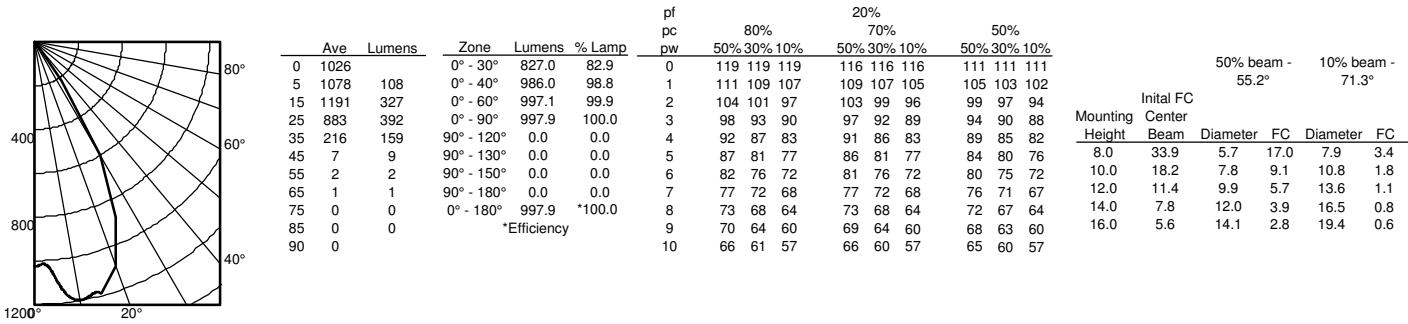
Notes

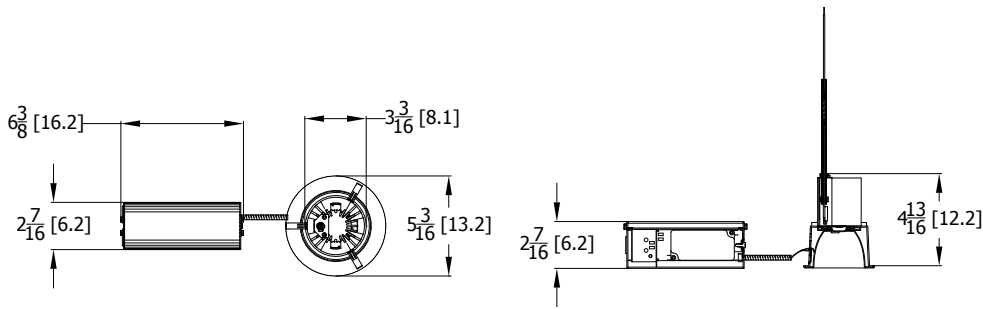
- 1500lm not available with HAO option.
- Not available with finishes.
- Multi-volt 120-277V.
- Factory supplied device shipped separately. Field installation required.
- Access required to location of remote mounted device.
- Must specify voltage.
- Not required with WR and BR options.
- Only available with NCH option.

PHOTOMETRY

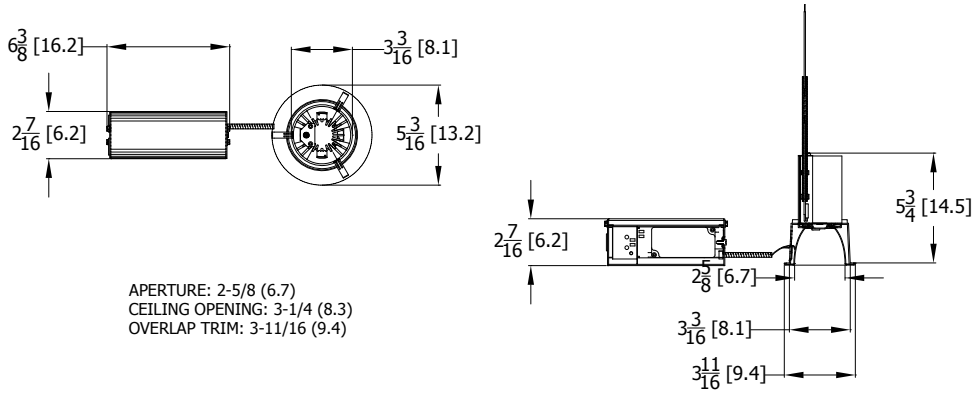
Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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LDN3CYL 35/10 L03AR LS, input watts: 14.31, delivered lumens: 999.8, LM/W = 69.8, spacing criterion at 0 = 1.05, test no. ISF34000SP

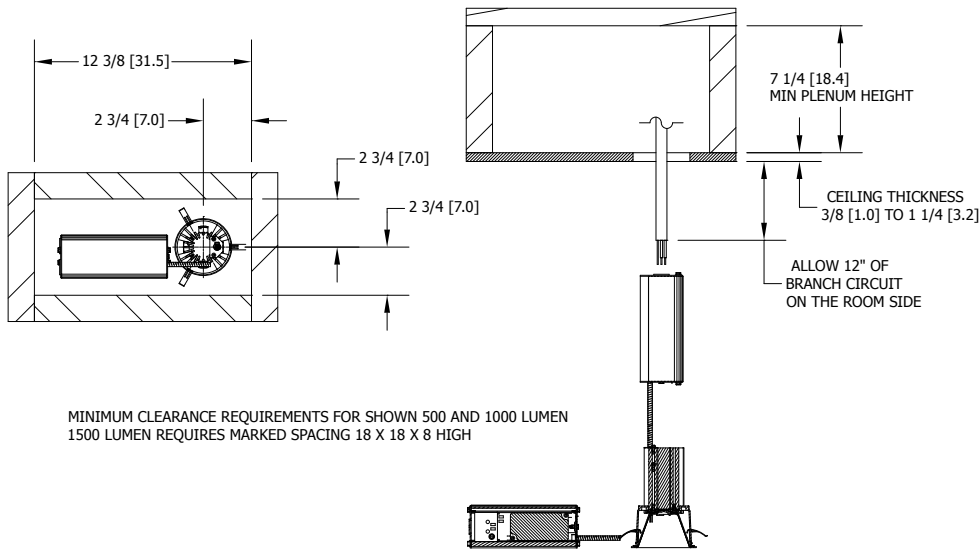




APERTURE: 2-5/8 (6.7)
CEILING OPENING: 3-1/4 (8.3)
OVERLAP TRIM: 3-11/16 (9.4)



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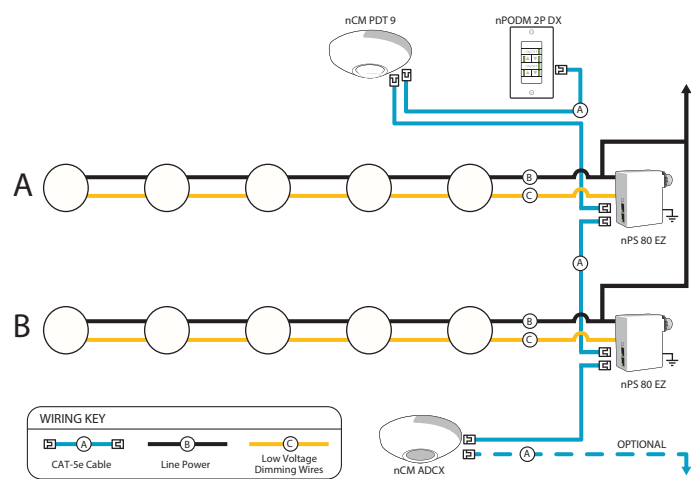
MINIMUM CLEARANCE REQUIREMENTS FOR SHOWN 500 AND 1000 LUMEN
1500 LUMEN REQUIRES MARKED SPACING 18 X 18 X 8 HIGH

Notes

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

ADDITIONAL DATA

COMPATIBLE 0-10V AND LINE VOLTAGE DIMMERS		
MANUFACTURER	PART NO.	CONTOL DEVICE DIM CURVE
Synergy®	ISD 400 ELV 120	Logarithmic
	ISD 600 I 120	Logarithmic
	ISD 1000 I 120	Logarithmic
Leviton®	IlumaTech-IPE04	Logarithmic
	IlumaTech-IPI06	Logarithmic
	IlumaTech-IPI10	Logarithmic
	IlumaTech-IPL06-10	Logarithmic
	Sureslide 6633-P 600-watt 3-way	Linear
	Sureslide 6674-P 600-watt single pole	Linear
	Sureslide 6674-P 600-watt 3-way	Linear



nLight® Control Accessories:			
Order as separate catalog number. Visit www.sensorswitch.com/nLight for complete listing of nLight controls.			
WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODM [color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPODM DX [color]	Large motion 360°, ceiling (PIR / dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX [color]	Wide view (PIR / dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model number	Wall Switch w/ Raise/Lower (PIR / dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model number
		10', CAT5 10FT	CAT5 10FT J1
		15', CAT5 15FT	CAT5 15FT J1