

# NOC-3.5S

NONI 3.5" SQUARE CYLINDER FAMILY

## FEATURES

- Downlight, Lensed Wall Wash
- Surface, Pendant
- Cast aluminum, magnetically-attached reflectors with applied finishes
- Ultra-Smooth (SO) Optic (excludes LW)
- 1730 lumens max @ 80 CRI 3500K
- 90 CRI (27, 30, 35, 40K); 80 CRI (30, 35K)

*Noni™*



## SPECIFICATIONS

### CONSTRUCTION

- Extruded and machined aluminum housing
- Downlight (DL) & Lensed Wall Wash (LW) functions feature reflectors from recessed portfolio
- ¼" Overlap flange fully covers junction box
- Cylinder assembly includes cylinder housing & reflector insert. Both matte finish. Can be mixed/matched as desired. Insert attaches to housing via magnets. Gasket centers insert

### OPTICS

- Ultra-Smooth (SO) Optic: Optical-grade silicone resulting in uniform distribution & smooth transition
- Primary optic (SO) accepts 1 beam shaping accessory.
- Reflector media holders included standard. Accept 1 reflector accessory.
- LWS style wall washer from recessed portfolio provided

### ELECTRICAL

- Integral LED module and driver are field-servicable
- Chip-on-board LED. 2 SDCM CCT consistency
- LED rated life L70 at >55,000 hours (TM-21)
- Integral solid state constant current dimming driver. 1% and Dim-to-Dark options for 0-10V, ELV and TRIAC controls. Lutron options available
- UL Class 2, inherent short circuit and overload protection. RoHS compliant

### INSTALLATION

- Ceiling mounted applications utilize standard 4x4" octagonal junction box (provided by others)
- Open ceiling canopy option features cutouts to allow surface-mounted conduit to pass through luminaire

### CERTIFICATIONS

- cULus certified to UL 1598 for damp locations
- Do not install in environments where ambient temperature exceeds 25°C

### WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	1070 - 1640
SCDM	2
Rated life	L70 @ >55,000 Hours
Efficacy	65 LPW @ 90 CRI 3000K

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## ORDERING GUIDE

Examples: NOC-3.5SDL-CHNCSCMBL-SO60930K-DMINU-GT / NOC-3.5SDL-TRM-RPP-FRS

CATALOG #

### HOUSING

NOC-3.5S		CHN					Optic Type	
Series/Category/Size/Shape	Function	Housing	Canopy	Mounting				
NOC-3.5S Noni Cylinder Family 3.5" Square	DL Downlight	CHN Cylinder Housing	CS Canopy - Standard CC Canopy - Conduit	CMBL Cable/Cord 6ft Black Cord <sup>2</sup>	CMWH Cable/Cord 6ft White Cord <sup>2</sup>	CM15BL Cable/Cord 15ft Black Cord	CM15WH Cable/Cord 15ft White Cord	Ultra-Smooth Optic
	LW Lensed Wall Wash							SO60 60°
				PR Stem - Rigid (Standard) Nominal 18" length from cylinder top to ceiling <sup>1</sup>				Wall Wash Optic
				PR_ Stem - Rigid (Custom) Specify length from cylinder top to ceiling in 1 inch increments from 15" to 60" <sup>1</sup>				LWLW Lensed Wall Wash <sup>3</sup>
				P Stem - Swivel (Standard) Nominal 18" length from cylinder top to ceiling <sup>1</sup>				
				P_ Stem - Swivel (Custom) Specify length from cylinder top to ceiling in 1 inch increments from 15" to 60" <sup>1</sup>				
				SU Surface				

CRI/CCT	Driver Options	Control Options	U Voltage	Cylinder Housing Color
927K 90 CRI, 2700K	DM1 0-10V, ELV, TRIAC 1%	N None	U Universal Voltage 120-277V	<b>Texture</b>
930K 90 CRI, 3000K	ERP 0-10V, ELV, TRIAC Dim-to-Dark			WH White
935K 90 CRI, 3500K	PEQOE Lutron Hi-Lume Premier 0.1%			GY Gray
940K 90 CRI, 4000K				BL Black
830K 80 CRI, 3000K				GT Graphite
835K 80 CRI, 3500K				PP Pink Panache
				GH Grasshopper
				<b>Smooth</b>
				WHS White
				GYS Gray
				BLS Black
				COS Copper
				AMW Anti-Microbial White
				<b>Other</b>
				X Custom Finish

### TRIM

NOC-3.5S		TRM	Reflector Insert Color	Lens
Series/Category/Size/Shape	Function	Housing		
NOC-3.5S Noni Cylinder Family 3.5" Square	DL Downlight	TRM Trim	<b>Texture</b>	FRS Frosted
	LW Lensed Wall Wash		RWH White	
			RGY Gray	
			RBL Black	
			RGT Graphite	
			RPP Pink Panache	
			RGH Grasshopper	
			<b>Smooth</b>	
			RWHS White	
			RGYS Gray	
			RBLS Black	
			RCOS Copper	
			RAMW Anti-Microbial White	
			<b>Other</b>	
			RX Custom Finish	

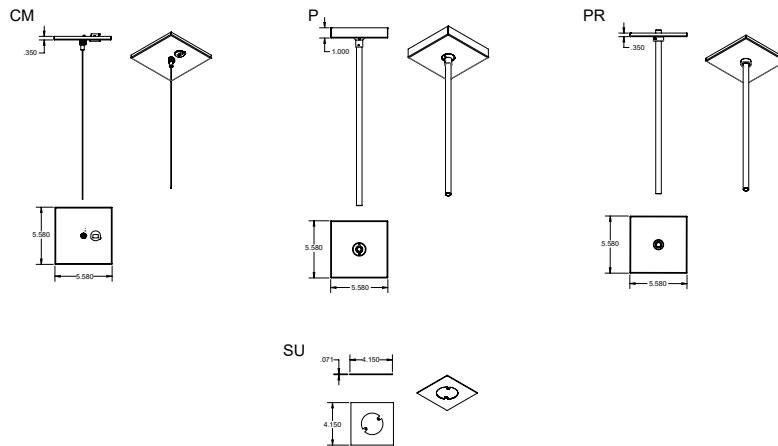
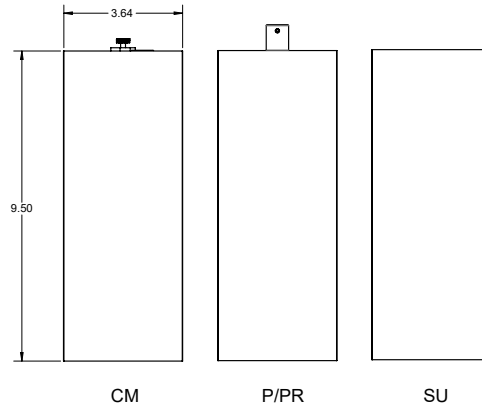
- Notes:
- 1 Stem length varies by canopy configuration. See Dimensions section for details
  - 2 Cable/Cord can be cut in the field to custom length
  - 3 Available only when "LW" function selected

# NOC-3.5S

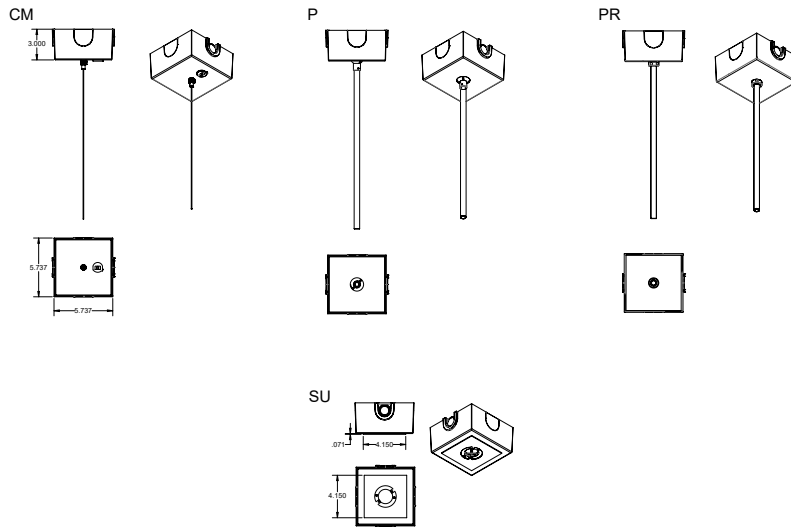
NONI 3.5" SQUARE CYLINDER FAMILY

## DIMENSIONS

### 3.5" CYLINDERS



### NOC-3.5S — Mounting Options With Standard Canopy



### NOC-3.5S — Mounting Options With Conduit Canopy

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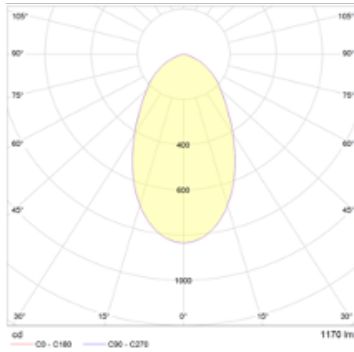
## PHOTOMETRY

### NOC-3.5SDL-CHNCSSU-SO60835K-DM1NUWHS - NOC-3.5SDL-TRM-RWHSFRS.IES

#### LUMINAIRE DATA

Test No.	Scaled from 22.00112
Description	Noni 3.5" square downlight cylinder. 80 CRI, 35K. Ultra-Smooth Optic. White Reflector, Frosted Lens.
Delivered Lumens	1116
Watts	25
Efficacy	45
Mounting	Recessed
Spacing Criterion	0.9
Beam Angle	62

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

Degree	Candela
0	795
5	782
15	675
25	502
35	331
45	218
55	142
65	75
75	13
85	2
90	0

#### LUMINANCE DATA\*

Vertical Angle	Average
45°	39041
55°	31389
65°	22405
75°	6183
85°	3060

\*Candela/Square Meter

#### ZONAL LUMEN SUMMARY

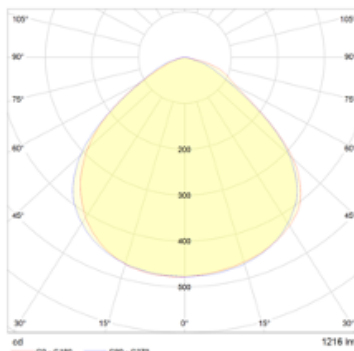
Zone	Lumens	% Luminaire
0-40	701	63
0-60	1006	90
0-90	1116	100
0-180	1116	100

### NOC-3.5SLWS-CHNCSSU-LWLW940K-DM1NUWHS - NOR-3.5SLW-TRM-RWHSFRS.IES

#### LUMINAIRE DATA

Test No.	Scaled from 22.00113
Description	Noni 3.5" square wall washer cylinder. 80 CRI, 35K. White Reflector
Delivered Lumens	1170
Watts	25
Efficacy	
Mounting	Recessed

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

Degree	Candela
0	460
5	457
15	447
25	431
35	402
45	327
55	178
65	100
75	51
85	4
90	0

#### LUMINANCE DATA\*

Vertical Angle	Average
45°	58451
55°	39198
65°	29945
75°	24968
85°	6179

\*Candela/Square Meter

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	613	52
0-60	1038	89
0-90	1164	99
0-180	1170	100

# NOC-3.5S

NONI 3.5" SQUARE CYLINDER FAMILY

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_

TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

## ELECTRICAL DATA

	DM1	ERP	PEQOE
Dimming Protocols Supported	0-10V, ELV, TRIAC	0-10V, ELV, TRIAC	Lutron Hi-Lume Premier 0.1%
Input Voltage	120-277V	120-277V	120-277V
Input Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Dim Level	600mA=1% for TRIAC/ELV; <1% for 0-10V 420mA=<1% for TRIAC/ELV; <5% for 0-10V	1% Dim-to-Dark	0.1% Dim-to-Dark
Power Factor (PF)	≥0.90	≥0.90	0.95 Typical
Total Harmonic Distortion (THD)	<20%	<20%	15% typ
Inrush Current	NEMA 410 Limit	NEMA 410 Limit	< NEMA 410-2011 Limit
Electromagnetic Interference (EMI) Filtering	FCC CFR Title 47 Part 15 Class B	FCC CFR Title 47 Part 15 Class B at 120Vac, Class A at 277Vac	FCC CFR Title 47 Part 15 Class A
Transient Surge Protection	IEEE C62.41.1-2002 & C62.41.2-2002 Category A	IEEE C62.41.1-2002 & C62.41.2-2002 Category A	Contact Lutron
Output Power	25W - Standard CCT	29.4W - Standard CCT	20W - Standard CCT

## ADDITIONAL INFORMATION

### Central Inverters

For full lumen output in back-up mode, we recommend you visit [www.dual-lite.com](http://www.dual-lite.com) for your Central Lighting Inverter options. Please contact your local Current representative for any assistance with proper sizing and loading of your inverter selection. Central lighting inverters must be ordered separately.