

# NOC-2.5R

NONI 2.5" ROUND CYLINDER FAMILY

## FEATURES

- Downlight, Lensed Wall Wash
- Surface, Pendant
- Cast aluminum, magnetically-attached reflectors with applied finishes
- Ultra-Smooth (SO) & High-CBCP (HO) Optics available (excludes LW)
- 1750 lumens max @ 80 CRI 3500K
- 90 CRI (27, 30, 35, 40K); 80 CRI (30, 35K)

*Noni*<sup>™</sup>



## 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
- High-CBCP (HO) Optic: High efficiency, hybrid-style polycarbonate TIR
- Primary optic (SO or HO) 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	950 - 1460
SCDM	2
Rated life	L70 @ >55,000 Hours
Efficacy	58 LPW @ 90 CRI 3000K

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## ORDERING GUIDE

Examples: NOC-2.5RDLC-CHNCSCMBL-SO35930K-DM1NU-GT

CATALOG #

### HOUSING

NOC-2.5R		CHN					Optic Type	
Series/Category/Size/Shape	Function	Housing	Canopy	Mounting				
NOC-2.5R Noni Cylinder Family 2.5" Round	DL Downlight	CHN Cylinder Housing	CS Canopy - Standard	CMBL Cable/Cord 6ft Black Cord <sup>2</sup>	CMWH Cable/Cord 6ft White Cord <sup>2</sup>	Ultra-Smooth Optic		
	LW Lensed Wall Wash		CC Canopy - Conduit			CM15BL Cable/Cord 15ft Black Cord	SO25 25°	
			CX Canopy - Controls Standard	CM15WH Cable/Cord 15ft White Cord		SO30 30°		
			CY Canopy - Controls Conduit	PR Stem - Rigid (Standard) Nominal 18" length from cylinder top to ceiling <sup>1</sup>		SO35 35°		
				PR_ Stem - Rigid (Custom) Specify length from cylinder top to ceiling in 1 inch increments from 15" to 60" <sup>1</sup>		SO40 40°		
				P Stem - Swivel (Standard) Nominal 18" length from cylinder top to ceiling <sup>1</sup>		SO45 45°		
				P_ Stem - Swivel (Custom) Specify length from cylinder top to ceiling in 1 inch increments from 15" to 60" <sup>1</sup>		High-CBCP Optic		
				SU Surface		HO20 20°		
						HO25 25°		
						HO30 30°		
						HO35 35°		
						Wall Wash Optic		
						LWLW Lensed Wall Wash <sup>3</sup>		

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		Texture
930K 90 CRI, 3000K	ERP 0-10V, ELV, TRIAC Dim-to-Dark				WH White
935K 90 CRI, 3500K	PEQ0E 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
					Smooth
					WHS White
					GYS Gray
					BLS Black
					COS Copper
					AMW Anti-Microbial White
					Other
					X Custom Finish

### TRIM

NOC-2.5R		TRM		
Series/Category/Size/Shape	Function	Housing	Reflector Insert Color	Lens
NOC-2.5R Noni Cylinder Family 2.5" Round	DL Downlight	TRM Trim	Texture	CLR Clear
	LW Lensed Wall Wash		RWH White	FRS Frosted <sup>3</sup>
			RGY Gray	HEX Hex Cell Louver
			RBL Black	LIN Linear Spread
			RGT Graphite	NON No Lens
			RPP Pink Panache	SOL Solite
			RGH Grasshopper	
			Smooth	
			RWHS White	
			RGYS Gray	
			RBLS Black	
			RCOS Copper	
			RAMW Anti-Microbial White	
			Other	
			RX Custom Finish	

Notes:

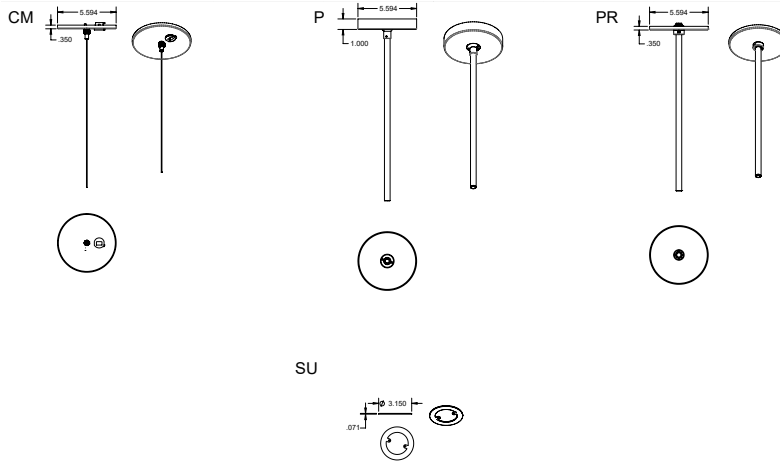
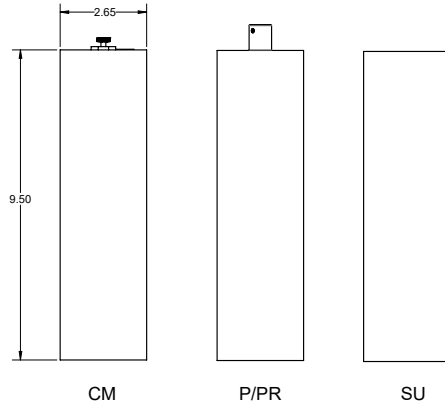
- 1 Stem length varies by canopy configuration. See Dimensions section for details
- 2 Cable/Cord can be cut in the field to custom length
- 3 Available only when "LW" function selected

# NOC-2.5R

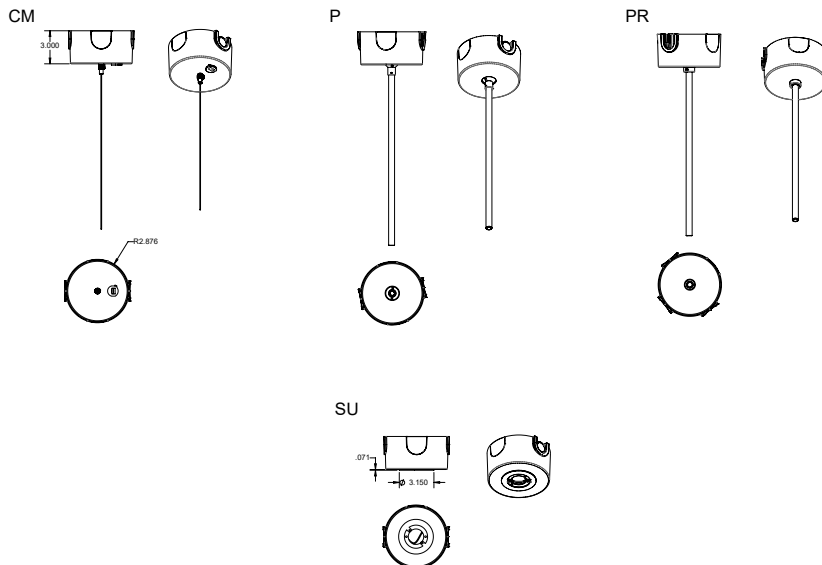
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## DIMENSIONS

### 2.5" CYLINDER



### NOC-2.5R — Mounting Options With Standard Canopy



### NOC-2.5R — Mounting Options With Conduit Canopy

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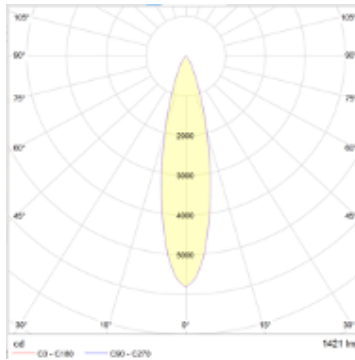
## PHOTOMETRY

### NOC-2.5RDL-NHN-HO25835K-DM1NUWHS – NOC-2.5RDL-TRM-RWHSSOL

#### LUMINAIRE DATA

Test No.	Scaled from 22.00407
Description	Noni 2.5" round downlight cylinder. 80 CRI, 35K. High Output Optic, 25 deg beam. White Reflector, Solite Lens.
Delivered Lumens	1421
Watts	25
Efficacy	54
Mounting	Surface
Spacing Criterion	0.4
Beam Angle	30

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

Degree	Candela
0	5813
5	5078
15	2090
25	542
35	173
45	28
55	8
65	6
75	2
85	1
90	0

#### LUMINANCE DATA\*

Vertical Angle	Average
45°	12345
55°	4261
65°	4131
75°	2699
85°	4007

\*Candela/Square Meter

#### ZONAL LUMEN SUMMARY

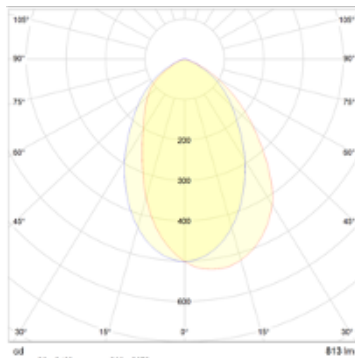
Zone	Lumens	% Luminaire
0-40	1388	97
0-60	1408	99
0-90	1421	100
0-180	1421	100

### NOC-2.5RLW-CHNCSSU-LWLW835K-DM1NUFWS - NOC-2.5RLW-TRM-RWHSFRS.IES

#### LUMINAIRE DATA

Test No.	Scaled from 22.00129-2
Description	Noni 2.5" round wall washer cylinder. 80 CRI, 35K. White Reflector
Delivered Lumens	813
Watts	25
Efficacy	
Mounting	Recessed

#### POLAR GRAPH



#### CANDELA DISTRIBUTION

Degree	Candela
0	501
5	521
15	520
25	474
35	384
45	252
55	144
65	58
75	12
85	3
90	0

#### LUMINANCE DATA\*

Vertical Angle	Average
45°	112588
55°	79140
65°	42963
75°	14840
85°	12021

\*Candela/Square Meter

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-40	504	62
0-60	746	92
0-90	813	100
0-180	813	100

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## ELECTRICAL DATA

	DM1	ERP	PEQ0E
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 C62.411-2002 & C62.412-2002 Category A	IEEE C62.411-2002 & C62.412-2002 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.