

NOC-1.5R

NONI 1.5" ROUND CYLINDER FAMILY

DATE:

LOCATION:

TYPE:

PROJECT:

CATALOG #:

FEATURES

- Downlight and Lensed Wall Wash
- Cast aluminum, magnetically-attached reflectors with applied finishes
- TIR primary optics with various beam options
- Up to 685 delivered lumens @ 80 CRI 3000K
- 90 CRI (27, 30, 35, 40K); 80 CRI (30, 35K)



CONTROLS



SPECIFICATIONS

CONSTRUCTION

- Machined, extruded aluminum body with no visible hardware from below
- Downlight (DL) & Lensed Wall Wash (LW) functions feature reflectors and optics from recessed portfolio
- Surface mount (SU) ¼" Overlap flange fully covers junction box
- Cylinder assembly includes cylinder body & reflector insert, both matte finish. Insert attaches to collar via magnets. Can be mixed/matched as desired. Gasket centers insert and prevents light leak
- Canopy finish will match housing specification
- Conduit Canopy utilizes a patent pending mounting yoke to secure cylinder to the ceiling surface

OPTICS

- Low profile, high efficiency polycarbonate TIR primary optics for (DL) function
- Media holder included standard. Accepts 1 reflector accessory. Matte black finish, reduces visual brightness at top of trim

ELECTRICAL

- Integral LED module and driver are field serviceable
- 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. 2% and Dim-to-Dark options for 0–10V, ELV and TRIAC controls. NX or Lutron Vive control options available
- Drivers are UL Class 2, inherent short circuit and overload protection. RoHS compliant

INSTALLATION

- Available in Surface, Rigid Stem, Swivel Stem, and Cord/Cable mounting types
- Conduit Canopy options (CC, CY) allow field selectable conduit entry (up to 4@ 90°) to allow surface-mounted conduit to pass through luminaire
- Standard and custom pendant lengths available Rigid (PR) and Swivel (P) stems. ¼ NPS, schedule 40, 6063-T6 aluminum pipe
- Swivel stem (P) allows for sloped ceilings up to 35°
- Cord/Cable (CM) can be cut in field to custom length. ¼" galvanized cable with 4 18AWG wires depending on configuration. Available with black or white jacket

CERTIFICATIONS

- cULus certified to UL 1598
- Suitable for damp locations
- Install in environments where ambient temperature does not exceed 25°C

WARRANTY

- 5 year warranty

KEY DATA	
Wattage	8
Beam Spreads	20, 25, 35, 45, 70
SDCM	2
Rated Life	L70 @ > 55,000 Hours

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ORDERING GUIDE

Examples: NOC-1.5RDL-CHNCSCMBL8-930K-MD-DM1NU-WHS-SOL / NOC-1.5RDL-TRM-RBL

CATALOG #

HOUSING

NOC-1.5R			CHN			8		
Series		Function	Housing	Canopy	Mounting		Output	CRI/CCT
NOC-1.5R	Noni Cylinder 1.5" Round	DL Downlight	CHN Cylinder Housing	CS Standard	PR	Rigid Stem, Standard ¹	8 8 Watt	927K 90 CRI, 2700K
		LW Lensed Wall Wash		CX Standard with controls	PR_	Rigid Stem, Custom ¹		930K 90 CRI, 3000K
				CC Conduit	P	Swivel Stem, Standard ¹		935K 90 CRI, 3500K
				CY Conduit with Controls	P_	Swivel Stem, Custom ¹		940K 90 CRI, 4000K
					CMBL	6ft Black Cord with cable ²		830K 80 CRI, 3000K
					CMWH	6ft White Cord with Cable ²		835K 80 CRI, 3500K
					CM15BL	15ft Black Cord with cable ²		
					CM15WH	15ft White Cord with Cable ²		
					SU	Surface		

Beam Spread ³		Dimming	Controls	U	Cylinder Housing Color		Downlight Lens ⁸	
VN Very Narrow (.36 SC / 20°)		DM1 0–10V 2% ⁶	N None	U Universal Voltage (120–277V)	Texture		SOL Solite	
NR Narrow (.42 SC / 25°)		PDM ELV, TRIAC 2%	NXE NX Dual RJ45 SmartPORTS, without Sensor ^{6, 7, 11}		WH	White	CLR Clear	
MD Medium (.56 SC / 35°)		PEQOE Lutron Hi-Lume Premier 0.1%	NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{6, 7, 11}		GY	Gray	FRS Frosted	
WD Wide (.76 SC / 45°)					BL	Black	LIN Linear Spread (10 x 40°)	
XW Extra Wide (1.0 SC / 70°) ⁴					GT	Graphite	HEX Hex Cell Louver	
LW Lensed Wall Wash ⁵					PP	Pink Panache	NON No Lens	
					GH	Grasshopper		
					Smooth			
					WHS	White		
					GYS	Gray		
					BLS	Black		
					COS	Copper		
					AMW	Anti-Microbial White		
					Other			
					X	Custom Finish		

TRIM

NOC-1.5R		TRM			
Series		Trim	Reflector Insert Color	Wall Wash Lens ⁹	
NOC-1.5R	Noni Cylinder 1.5" Round	DL Downlight	Texture	FRS Frosted	
		LW Lensed Wall Wash			
			RWH White		
			RGY Gray		
			RBL Black		
			RGT Graphite		
			RPP Pink Panache		
			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

DL Performance based on SOL lens with RWHS insert finish
- 4

Available only with FRS lens
- 5

Available only when LW functions selected
- 6

DM1 required when NX options selected
- 7

Must specify CX or CY canopy. Not compatible with SU
- 8

For use with DL function. Leave blank for LW function
- 9

For use with LW function. Leave blank for DL function
- 10

See dimensions section for SU
- 11

Not compatible with SU

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PERFORMANCE DATA

Performance data provided below based on 80 CRI, 3000K with White reflector and Solite lens. Extra Wide (XW) and Lensed Wall Wash (LW) performance includes White reflector and Frosted lens.

Output	Beam Spread	Beam	Delivered Lumens	Efficacy	Spacing Criterion	Candela @ 0°
8 Watt	Very Narrow (VN)	20	665	86	0.36	3430
	Narrow (NR)	25	659	86	0.42	2566
	Medium (MD)	35	614	80	0.56	1468
	Wide (WD)	45	685	89	0.76	1023
	Extra Wide (XW)	70	484	63	1.00	390

Output	Beam Spread	Delivered Lumens	Efficacy	Max Candela
8 Watt	Wall Wash (LW)	288	37	211

MULTIPLIER TABLE

CRI, CCT	927	930	935	940	830	835					
	0.83	0.86	0.87	0.87	1.0	1.02					
Media	SOL	CLR	LIN	HEX	FRS	NON					
	1.0	1.02	0.91	0.71	0.73	1.12					
Output	8 Watt										
	1.0										
Finishes	RWH	RGY	RBL	RGT	RPP	RGH	RWHS	RGYS	RGBLS	RCOS	RAMW
	1.0	0.9	0.85	0.85	0.8	0.8	1.02	0.95	0.9	0.8	1.05

ELECTRICAL DATA

	DM1	PDM	PEQ0E
Dimming Protocols Supported	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	0.02	0.02	0.1% Dim-to-Dark
Power Factor (PF)	≥0.90	≥0.90	0.95 Typical
Total Harmonic Distortion (THD)	<20%	<20%	15% Typical
Inrush Current	NEMA 410 Limit	NEMA 410 Limit	NEMA 410 Limit
Electromagnetic Interference (EMI) Filtering	FCC CFR Title 47 Part 15 Class B	FCC CFR Title 47 Part 15 Class B	Contact Lutron
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

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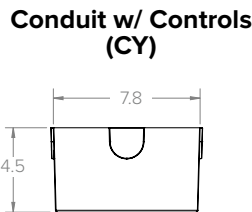
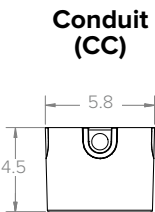
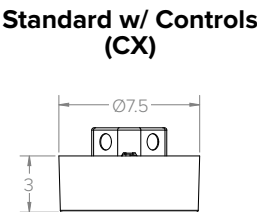
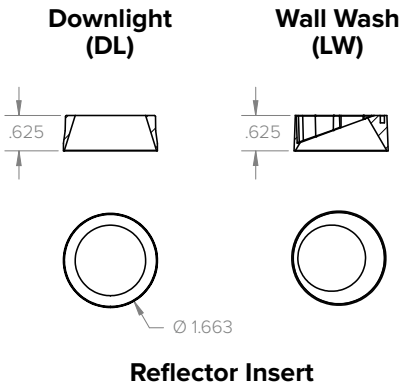
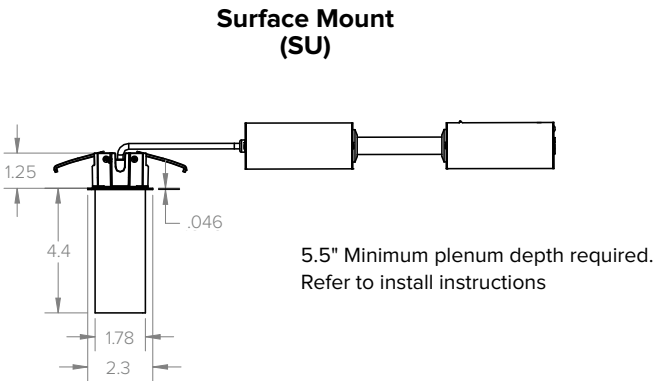
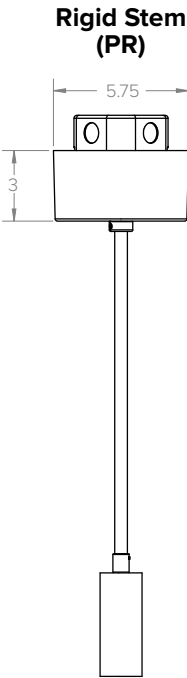
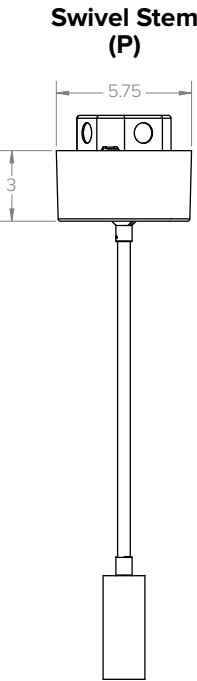
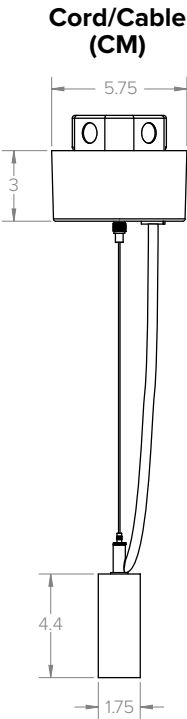
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DIMENSIONS

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Additional Canopy Options