

NOR-2.5R

NONI 2.5" ROUND RECESSED FAMILY

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

FEATURES

- Downlight (two styles), Lensed Wall Wash (two styles), Adjustable Accent
- ¼" overlap microflange and flangeless trims featuring CorrectCut
- Cast aluminum, magnetically-attached reflectors with applied finishes
- Ultra-Smooth (SO) & High-CBCP (HO) Optics available (excludes LW)
- New Construction Non-IC, IC & Chicago Plenum applications
- 1600 lumens max @ 80 CRI 3500K
- 90 CRI (27, 30, 35, 40K); 80 CRI (30, 35K)

Noni™



RELATED PRODUCTS

θ [NOR-2.5S](#) θ [NOC-2.5R](#) θ [NOC-2.5S](#)

SPECIFICATIONS

CONSTRUCTION

- Formed 22GA steel housing, finished matte black. New Construction (NHN) housing thermally protected. Insulation must be 3" away from housing. New Construction IC (NHI) inherently protected for direct contact with insulation installation
- Indicators for locking housing alignment marked in 15° increments
- Removable cover plates on housing side and bottom for j-box inspection
- Downlight (DL) & Shallow Lensed Wall Wash (LWS) feature ultra shallow 2" deep housing. Integral j-box has (4) ⅝" knock-outs
- Adjustable Accent (AA) & Deep Lensed Wall Wash (LWD) utilize 3⅝" deep housing. Integral j-box has (6) ⅝" knock outs
- Adjustable Accent (AA) lockable hot-aim 0°-40° vertical tilt, 362° horizontal rotation
- Reflector assembly includes reflector collar & reflector insert. Both cast aluminum, matte finish. Can be mixed/matched as desired. Insert attaches to collar via magnets. Gasket centers insert
- ¼" overlap flange. Thickness measures .07"
- Two Downlight trim ceiling thickness options available: Shallow (DS) optimized for ⅝" ceiling (compatible up to & including 1¼"). Deep (DD) optimized for 1¼" ceiling (compatible with 1¼" only)

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. Beams are field-adjustable through housing aperture

OPTICS (CONTINUED)

- Reflector media holders included standard, accepts 1 reflector accessory
- Adjustable Accent (AA) features translating center beam at finished ceiling plane (⅝"). 1° tilt increments, 5° indicators
- Two wall wash options, both optimized for 18" spacing off-wall with 2:1 spacing. LWD optic provides industry-leading horizontal uniformity near top-of-wall. LWS optic provides excellent vertical uniformity in ultra shallow housing

ELECTRICAL

- Integral LED module and driver are field-servicable from below through housing aperture
- 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
- UL Class 2, inherent short circuit and overload protection. RoHS compliant

INSTALLATION

- CorrectCut design is a rolled sheet metal edge which serves as a cutting guide for installers. Provides fixed cutout outer diameter which ensures reliable flange coverage and clean, finished appearance. KV-exclusive
- LED protection plate pre-installed from factory
- Universal adjustable mounting brackets accept 0.5" EMT conduit or 1.5" or 0.75" lathing channel (by others)
- Optional Residential Mounting Bars (RMB) extend from 16-24"

INSTALLATION (CONTINUED)

- Above ceiling access required for access to branch circuit
- Ceiling thickness range ⅝"- 1¼"
- Flangeless mud-in ring is low profile, die-cast featuring an edge to plaster up to. Ring attaches to ceiling and comes with removable protective plug installed at factory

CONTROLS

- Lutron Vive control options available

CERTIFICATIONS

- cULus certified to UL 1598 for damp locations. Wet location options available
- City of Chicago Environmental Air [CCEA]
- Do not install in environments where ambient temperature exceeds 25°C

WARRANTY

- 5 year warranty
- See HLI Standard Warranty for additional information

KEY DATA	
Lumen Range	950 - 1460
SCDM	2
Rated life	L70 @ >55,000 Hours
Efficacy	56 LPW @ 90 CRI 3000K

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ORDERING GUIDE

Examples: NOR-2.5RDL-NHN-SO930K-DM1NU / NOR-2.5RDS-TRM-FWHSRPPNON / NOR-2.5RDL-SO30

CATALOG #	
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HOUSING

NOR-2.5R					
Series/Category/Size/Shape	Function	Housing	Optic Type	CRI/CCT	Driver Options
NOR-2.5R Noni Recessed Family 2.5" Round	DL Downlight LWD Lensed Wall Wash, Deep LWS Lensed Wall Wash, Shallow AA Adjustable Accent	NHN New Construction Housing, Non-IC NHI New Construction Housing, IC CP Chicago Plenum	HO High-CBCP Optic LW Wall Wash Optic ¹ SO Ultra-Smooth Optic	927K 90 CRI, 2700K 930K 90 CRI, 3000K 935K 90 CRI, 3500K 940K 90 CRI, 4000K 830K 80 CRI, 3000K 835K 80 CRI, 3500K	DM1 0-10V, ELV, TRIAC 1% ERP 0-10V, ELV, TRIAC Dim-to-Dark

Control Options	U	Accessories
N None LV Lutron Vive 0-10V, 120-277V LVE Lutron Vive EcoSystem	U Universal Voltage 120-277V	RMB Residential Mounting Bars

TRIM

NOR-2.5R		TRM			
Series/Category/Size/Shape	Function	Housing	Reflector Flange Color	Reflector Insert Color	Reflector Lens
NOR-2.5R Noni Recessed Family 2.5" Round	DS Downlight, Shallow (5/8" - 1 1/4" ceiling) ² DD Downlight, Deep (1 1/4" ceiling only) LWD Lensed Wall Wash, Deep ³ LWS Lensed Wall Wash, Shallow ³ AA Adjustable Accent	TRM Trim	FWHS White FGYS Gray FBLS Black FAMW Anti-Microbial White FX Custom Finish FT Flangeless FCOS Copper	Texture 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	CLR Clear FRS Frosted ³ HEX Hex Cell Louver LIN Linear Spread ² NON No Lens SOL Solite

OPTIC

NOR-2.5R		
Series/Category/Size/Shape	Function	Optic/Beam
NOR-2.5R Noni Recessed Family 2.5" Round	DL Downlight LWD Lensed Wall Wash, Deep LWS Lensed Wall Wash, Shallow AA Adjustable Accent	Ultra-Smooth Optic SO25 25° SO30 30° SO35 35° SO40 40° SO45 45° High-CBCP Optic HO20 20° HO25 25° HO30 30° Wall Wash Optic LWLW Lensed Wall Wash ¹

Notes:

- Available only when "LW" function selected
- LIN is for DS only
- LWD & LWS can only be FRS

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PERFORMANCE DATA

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ALL OUTPUTS SHOWN BELOW ARE 90 CRI, 2700K								
	Housing	Optic	Reflector Accessory					
			NON	SOL	FRS	CLR	LIN	HEX
2.5 Round	NHN New Construction, Non-IC	SO25	643	546	438	611	533	418
		SO30	638	543	435	606	530	415
		SO35	590	501	402	560	490	383
		SO40	585	498	399	556	486	381
		SO45	549	466	374	521	456	357
		SO60	619	526	422	588	514	403
		HO20	1444	1227	984	1372	1198	939
		HO25	1438	1222	980	1366	1194	935
		HO30	1329	1130	906	1263	1103	864
		HO35	1156	983	788	1098	960	752
		LWS	-	-	751	-	-	-
		LWD	-	-	800	-	-	-
	NHI & CP New Construction IC or Chicago Plenum	SO25	497	423	339	473	413	323
		SO30	494	420	337	469	410	321
		SO35	457	388	311	434	379	297
		SO40	453	385	309	430	376	295
		SO45	425	361	289	403	353	276
		SO60	479	407	327	455	398	312
		HO20	1117	950	762	1062	927	726
		HO25	1113	946	758	1057	924	723
		HO30	1029	875	701	977	854	669
		HO35	895	761	610	850	743	582
		LWS	-	-	581	-	-	-
		LWD	-	-	619	-	-	-

OUTPUT MULTIPLIER

MULTIPLIER TABLE								
Reflector Insert Color	CRI/CCT						1830TD	2765T
	927	930	935	940	830	835		
RWH White, Texture	1.00	1.02	1.06	1.07	1.07	1.11	1.00	1.00
RGY Gray, Texture	0.90	0.91	0.95	0.96	0.96	1.00	0.90	0.90
RBL Black, Texture	0.85	0.86	0.90	0.91	0.91	0.94	0.85	0.85
RGT Graphite, Texture	0.85	0.86	0.90	0.91	0.91	0.94	0.85	0.85
RPP Pink Panache, Texture	0.80	0.81	0.84	0.85	0.86	0.89	0.80	0.80
RGH Grasshopper, Texture	0.80	0.81	0.84	0.85	0.86	0.89	0.80	0.80
RWHS White, Smooth	1.02	1.04	1.08	1.09	1.09	1.13	1.02	1.02
RGYS Gray, Smooth	0.95	0.96	1.00	1.01	1.02	1.05	0.95	0.95
RBL Black, Smooth	0.90	0.91	0.95	0.96	0.96	1.00	0.90	0.90
RCOS Copper, Smooth	0.80	0.81	0.84	0.85	0.86	0.89	0.80	0.80
RAMW Anti-Microbial White	1.05	1.07	1.11	1.12	1.12	1.16	1.05	1.05

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ELECTRICAL DATA

	DM1	ERP
Dimming Protocols Supported	0-10V, ELV, TRIAC	0-10V, ELV, TRIAC
Input Voltage	120-277V	120-277V
Input Frequency	50/60 Hz	50/60 Hz
Dim Level	NHN=1% for TRIAC/ELV; <1% for 0-10V NHI=<1% for TRIAC/ELV; <5% for 0-10V	1% Dim-to-Dark
Power Factor (PF)	≥0.90	≥0.90
Total Harmonic Distortion (THD)	<20%	<20%
Inrush Current	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 at 120Vac, Class A at 277Vac
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
Output Power	25W - Standard CCT, NHN 18W - Standard CCT, NHI/CP	29W - Standard CCT, NHN 21W - Standard CCT, NHI

ADDITIONAL INFORMATION

Central Inverters

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

LiteGear: www.dual-lite.com/products/litegear_lg_series

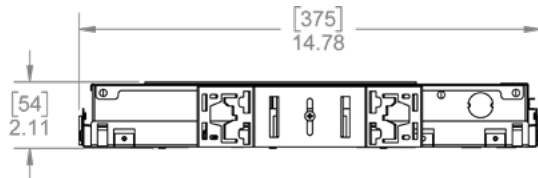
LPS Series: www.dual-lite.com/products/lps

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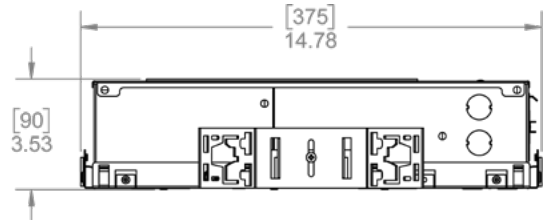
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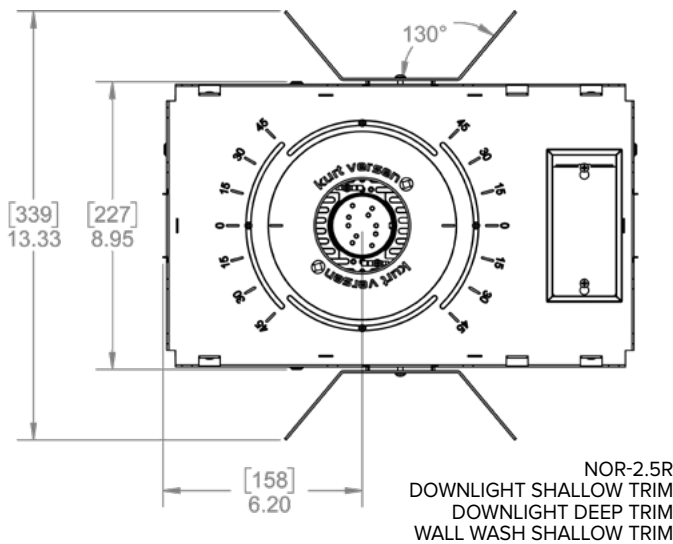
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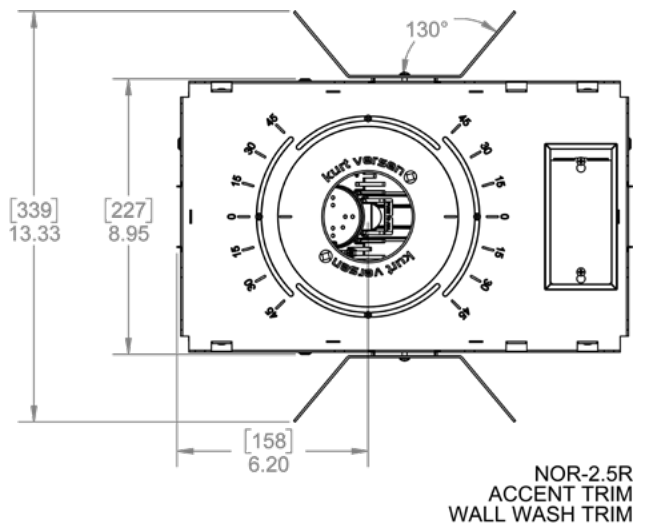
NOR-2.5R Shallow Housing Side View



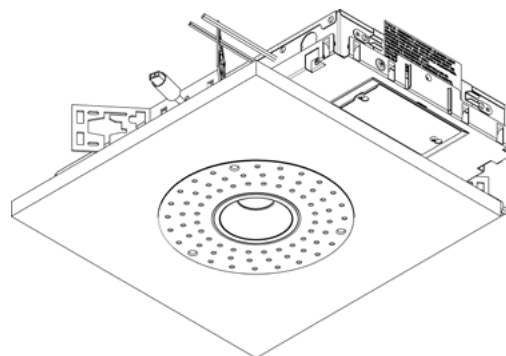
NOR-2.5R Deep Housing Side View



NOR2.5R Deep, Shallow, & Wall Wash Trim Bottom View



NOR-2.5R Wall Wash Deep and Accent Trims Bottom View



NOR-2.5R Bottom View with Partial Ceiling and Flangeless Mud-in Ring