

# NOR-1.5S

NONI 1.5" SQUARE RECESSED FAMILY

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

## FEATURES

- Downlight and Lensed Wall Wash
- ¼" overlap microflange and flush mount trims
- Cast aluminum, magnetically-attached reflectors with applied finishes
- TIR primary optics with various beam options. Proprietary Square in Square option available
- Remodeler IC applications
- Up to 700 delivered lumens @ 80 CRI 3000K
- 90 CRI (27, 30, 35, 40K); 80 CRI (30, 35K)

*Noni*™



## SPECIFICATIONS

### CONSTRUCTION

- Machined, die cast aluminum housing, finished matte black. Remodeler IC (RHI) inherently protected for direct contact with insulation installation
- Stainless steel leaf spring design provides grip range ⅝" to 1 ¼"
- Cast aluminum Downlight (DL) & Lensed Wall Wash (LW) reflector inserts available. Gasket centers insert and prevents light leak
- Housing attaches to remote driver enclosure with low voltage quick connects
- Optional Mounting Pan (MP1.5RMB) features CorrectCut. 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*

### TRIM CONSTRUCTION

- Cast aluminum reflector insert, matte finish. Can be mixed/matched with flange finish as desired. Insert attaches to collar via magnets. Gasket centers insert
- ¼" overlap flange. Thickness measures .046"
- Flush Mount (FT) 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

### OPTICS

- Low profile, high efficiency polycarbonate TIR primary optics for (DL) function
- Square in Square (SS) optic option available
- 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 serviceable from below through housing aperture
- Chip-on-board LED. 2 SDCM CCT consistency
- LED rated life L70 at >55,000 hours (TM-21)
- Solid state constant current dimming driver. 1% options for 0-10V, ELV and TRIAC controls
- Drivers are UL Class 2, inherent short circuit and overload protection. RoHS compliant

### CERTIFICATIONS

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

### WARRANTY

- 5 year warranty

KEY DATA	
Wattages	8
Beam Spreads	20, 25, 35, 50, 75
SDCM	2
Rated Life	L70 @ > 55,000 Hours

# NOR-1.5S

NONI 1.5" SQUARE RECESSED FAMILY

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

## ORDERING GUIDE

Examples: NOR-1.5SDL-RHI8-930K-MD-DM1NU-FWHS-SOL / NOR-1.5SDS-TRM-RBL

CATALOG #	
-----------	--

### HOUSING

NOR-1.5S		RHI		CRI/CCT		Beam Spread <sup>1</sup>	
Series	Function	Housing	Output				
NOR-1.5S	Noni Recessed 1.5" Square	DL Downlight LW Lensed Wall Wash	RHI Remodeler Housing, IC	8	8 Watt	927K	90 CRI, 2700K
						930K	90 CRI, 3000K
						935K	90 CRI, 3500K
						940K	90 CRI, 4000K
						830K	80 CRI, 3000K
						835K	80 CRI, 3500K

Dimming		Controls		Voltage		Reflector Flange Color		Downlight Lens <sup>4</sup>		Accessories	
DM1	0–10V 2% ELV, TRIAC 2%	N	None	U	Universal Voltage (120–277V)	Flanged	WHS White GYS Gray BLS Black COS Copper AMW Anti-Microbial White FX Custom Finish	SOL Solite CLR Clear FRS Frosted LIN Linear Spread (10 x 40°) HEX Hexcel Louver NON No Lens		MP1.5	Mounting Pan
PDM						Flush Mount	FT Flush Mount			RMB	Residential Mounting Bars

### TRIM

NOR-1.5S		TRM		Reflector Insert Color		Wall Wash Lens <sup>5</sup>	
Series	Function	Trim		Texture			
NOR-1.5S	Noni Recessed 1.5" Square	DL Downlight LW Lensed Wall Wash	TRM Trim	RWHS White RGYS Gray RBL Black RGT Graphite RPP Pink Panache RGH Grasshopper		FRS Frosted	
				Smooth			
				Other			

Notes:

- DL performance based on SOL lens with RWHS insert finish
- Available only with FRS lens
- Available only when LW function is selected
- For use with DL function. Leave blank for LW function
- For use with LW function. Leave blank for DL function

## 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)	20x20	693	90	0.34	3705
	Narrow (NR)	25x25	692	90	0.42	2737
	Medium (MD)	35x35	650	84	0.58	1486
	Wide (WD)	50x50	699	91	0.76	1001
	Extra Wide (XW)	75x75	358	47	1.18	196

Output		Delivered Lumens	Efficacy	Max Candela
8 Watt	Wall Wash (LW)	271	35	206

## 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

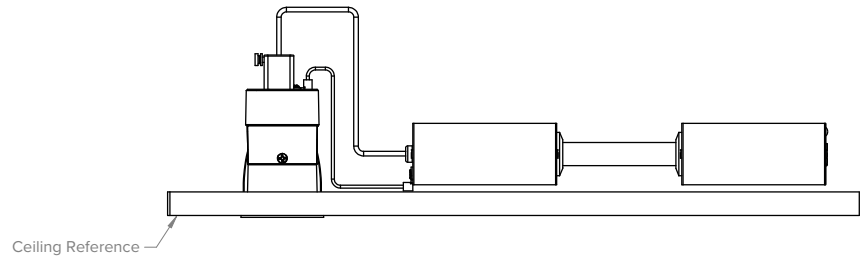
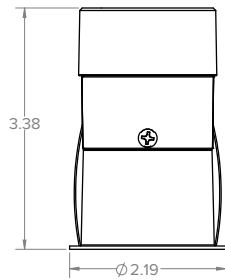
	DM1	PDM
Dimming Protocols Supported	0–10V	ELV, TRIAC
Input Voltage	120–277V	120–277V
Input Frequency	50/60 Hz	50/60 Hz
Dim Level	0.02	0.02
Power Factor (PF)	≥0.90	≥0.90
Total Harmonic Distortion (THD)	≤20%	≤20%
Inrush Current	NEMA 410 Limit	NEMA 410 Limit
Electromagnetic Interference (EMI) Filtering	FCC CFR Title 47 Part 15 Class B	FCC CFR Title 47 Part 15 Class B
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

# NOR-1.5S

NONI 1.5" SQUARE RECESSED FAMILY

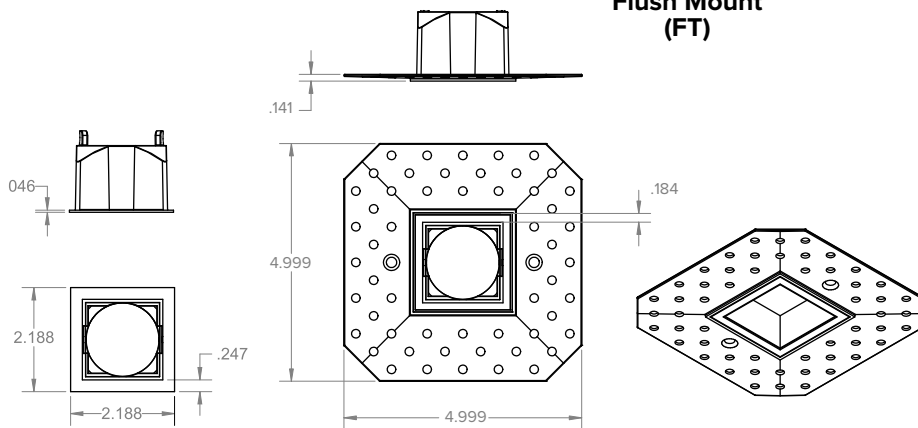
## DIMENSIONS

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	



Housing

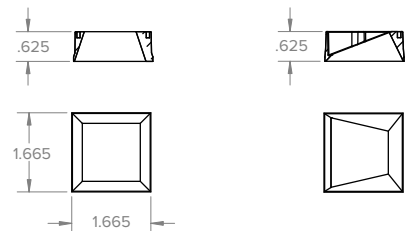
Flush Mount (FT)



Reflector Collar

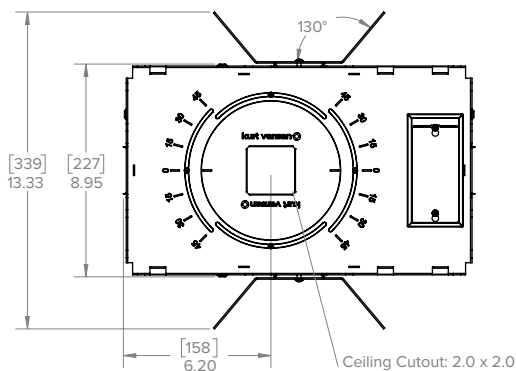
Downlight (DS)

Wallwash (LW)

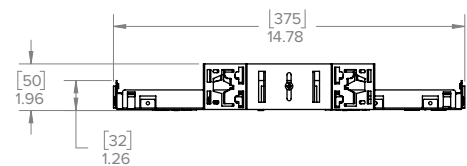


Reflector Insert

Bottom View



Side View



Mounting Pan Accessory (Optional)