



ECO 3" LED DOWNLIGHT IC RATED NEW CONSTRUCTION

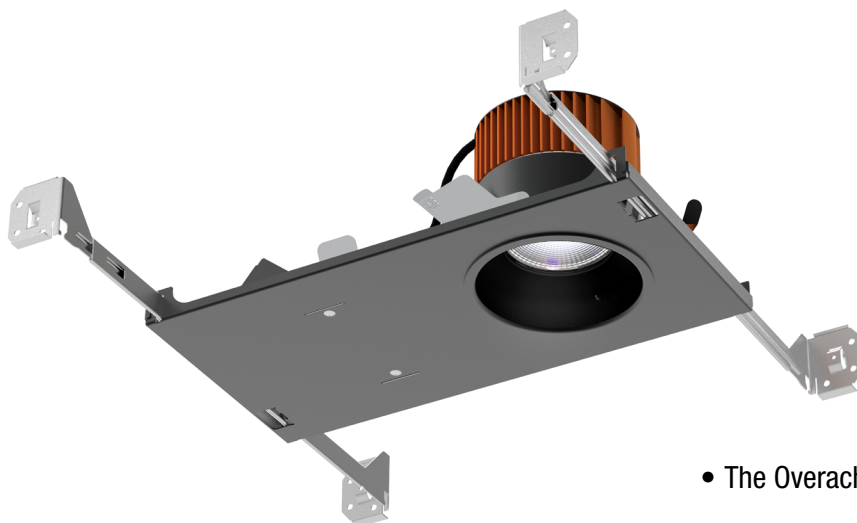
ED3LNIC

PROJECT: _____

TYPE: _____

NOTE: _____

SPEC-00279 NEW ECO ED3LNIC, UPDATED 04/20/2023



- The Overachiever, recessed downlight system
- Silent Vu™ Optics Technology provides exceptional light performance with minimal glare

ECO FULL SERVICE RECESSED DOWNLIGHT SOLUTIONS

ED3LNIC — Up to 1093 Delivered Lumens, Phase Control Driver

SILENT VU™ OPTICS TECHNOLOGY

OPTICS	50° Installed
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LED LIGHT ENGINE

RATED WATTAGE	11.3W
DELIVERED LUMENS	Up to 1093 lm
EFFICACY	Up to 97 LPW
CCT @ 90CRI	2700K, 3000K
COLOR QUALITY	90+ CRI, 2-Step SDCM
LED LIFETIME	55,000 hours @ L90

DELIVERED LUMENS MATRIX

ED3L (11.3W)	50° Optic
2700K (90CRI)	1012 lm
3000K (90CRI)	1093 lm

POWER SUPPLY

INPUT VOLTAGE	120/277V, 50/60Hz
DIMMING	TRIAC, ELV, dims to 1%
SERVICABILITY	Below Ceiling Access

TRIM OPTIONS

- Standard
- Wet Location

TRIM COLOR

- White

HOUSING INSTALLATION

- New Construction includes (2) galvanized steel adjustable hanger bars
- 5/8" ~ 2" ceiling thickness
- Min Plenum Height: 3½"
- Ceiling Material: Drywall, T-bar grid
- Steel junction box with up to (2) ½" knockouts
- Air Tight

LISTINGS AND WARRANTY

cULus Listed

UL Listed for Damp Location

IC Rated

Five (5) years limited warranty

ASTM E283 Certified Airtight

UL Listed for Wet Location (Wet Location Trim Style)

CA Title 24-JA8 Compliant





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ORDER MATRIX

ED3L

ECO 3" HOUSING + LIGHT ENGINE ORDER MATRIX (Example: ED3LNIC-279050-12S2)

HOUSING BASE		LED PERFORMANCE			DRIVER ASSEMBLY	
FAMILY APERTURE	INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
ED3L ECO 3" LPD	NIC (New Construction IC)	-27 (2700K)	90 (90 CRI)	50 (50° Flood) Installed	-12 (11.3W)	S2 Phase Control Dimming Driver (1%-100% TRIAC, ELV, 120V/277V)
		-30 (3000K)				

TRIM

ECO 3" DOWNLIGHT TRIM ORDER MATRIX (Example: ED3-RFSTWT)

FAMILY APERTURE	TRIM SHAPE	TRIM POSITION	TRIM STYLE	TRIM FINISH
ED3- ECO 3" Flanged	R (Round)	F (Fixed)	ST (Standard)	WT (White)
			WL (Wet Location)	



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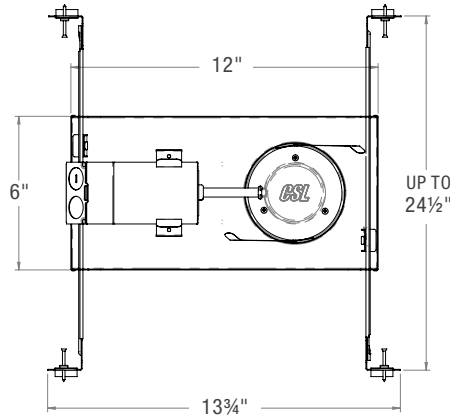
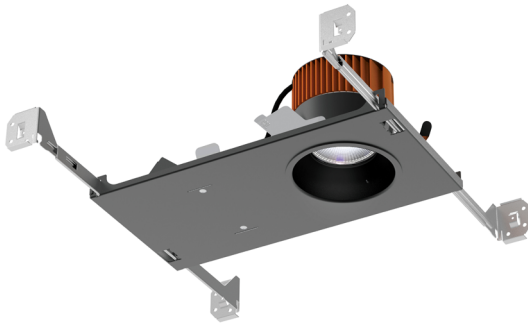
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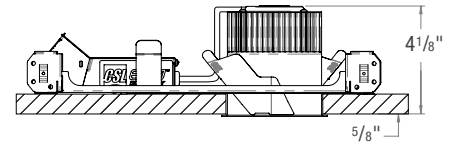
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HOUSING AND LIGHT ENGINE LINE DRAWING

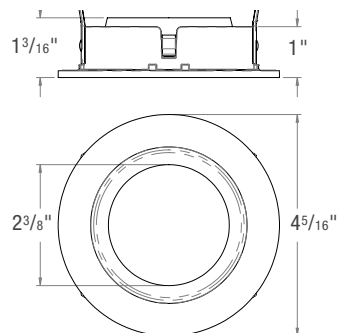
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Minimum plenum height 3 1/2"

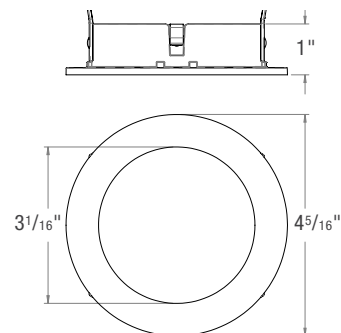


TRIM STYLES



ED3-RFST

Round Fixed Standard



ED3-RFWL

Round Fixed Wet Location



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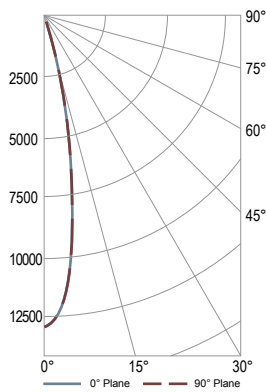
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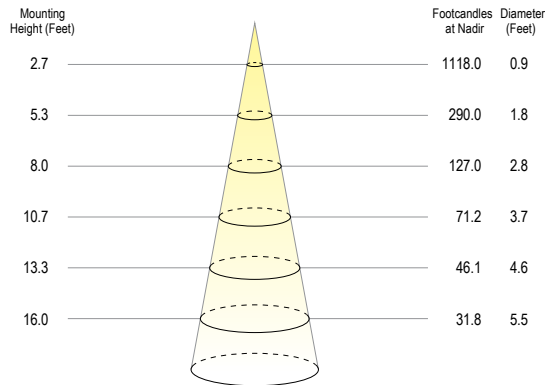
PHOTOMETRICS

Eco Downlight 3" L RIC model (2700K, 90 CRI, 10° Optic, 12W)
Round, Standard, White Trim

Polar Plot



Cone of Light Tabulation



Voltage	Current	Power
120.1 VAC	0.0958 A	11.3 W

Power Factor	Frequency	Current THD
0.982	60 Hz	16.8%

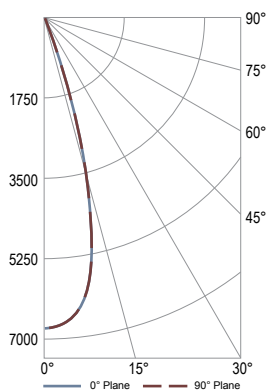
Summary of Results

Spacing Criteria 0-180: 0.34
90-270: 0.34
Total Lumen Output: 1061 Lumens
Luminaire Efficacy: 94.0 lm/w
Maximum Candela: 8147 Candela

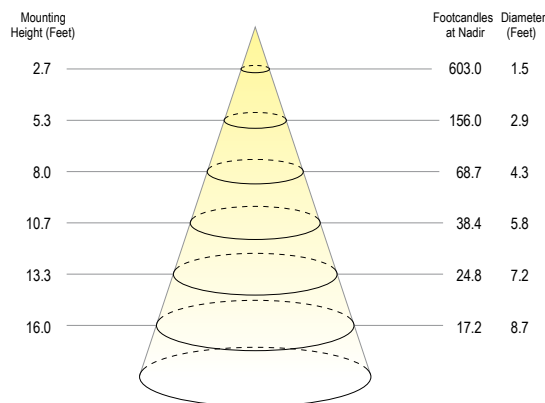
Zone	Lumens	% of Luminaire
0-40	1050	99.0%
0-60	1057	99.6%
0-90	1061	100.0%

Eco Downlight 3" L RIC model (2700K, 90 CRI, 30° Optic, 12W)
Round, Standard, White Trim

Polar Plot



Cone of Light Tabulation



Voltage	Current	Power
120.1 VAC	0.0958 A	11.3 W

Power Factor	Frequency	Current THD
0.982	60 Hz	16.8%

Summary of Results

Spacing Criteria 0-180: 0.52
90-270: 0.52
Total Lumen Output: 1108 Lumens
Luminaire Efficacy: 98.0 lm/w
Maximum Candela: 4394 Candela

Zone	Lumens	% of Luminaire
0-40	1097	99.0%
0-60	1105	99.7%
0-90	1108	100.0%



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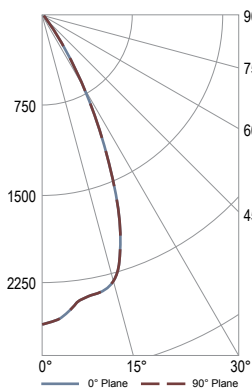
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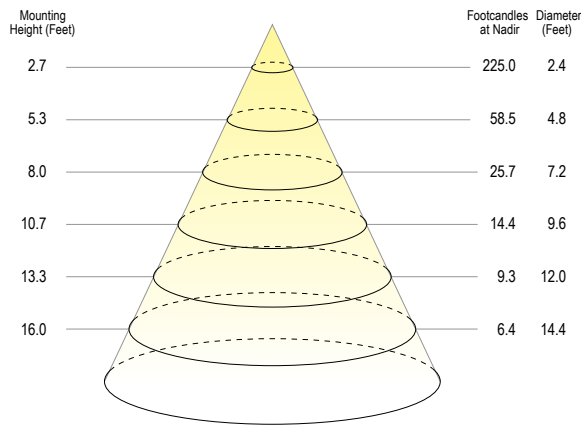
PHOTOMETRICS

Eco Downlight 3" L RIC model (2700K, 90 CRI, 50° Optic, 12W)
Round, Standard, White Trim

Polar Plot



Cone of Light Tabulation



Voltage	Current	Power
120.1 VAC	0.0958 A	11.3 W

Power Factor	Frequency	Current THD
0.982	60 Hz	16.8%

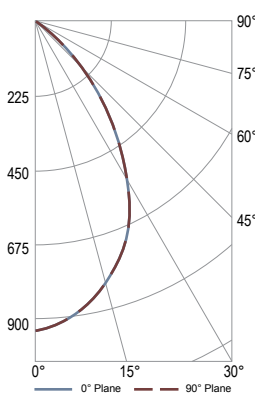
Summary of Results

Spacing Criteria 0-180: 0.80
90-270: 0.80
Total Lumen Output: 1012 Lumens
Luminaire Efficacy: 89.6 lm/w
Maximum Candela: 1643 Candela

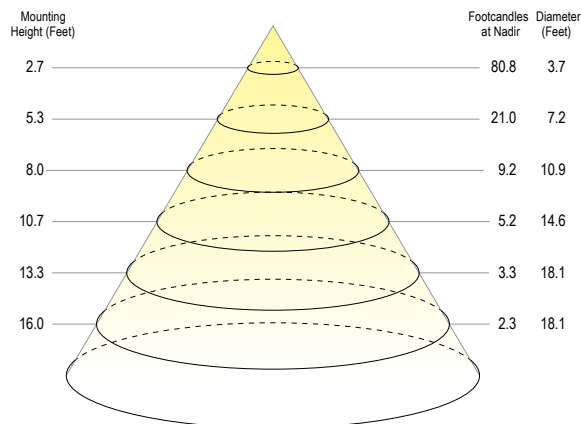
Zone	Lumens	% of Luminaire
0-40	988	97.6%
0-60	1009	99.7%
0-90	1012	100.0%

Eco Downlight 3" L RIC model (2700K, 90 CRI, 80° Optic, 12W)
Round, Standard, White Trim

Polar Plot



Cone of Light Tabulation



Voltage	Current	Power
120.1 VAC	0.0958 A	11.3 W

Power Factor	Frequency	Current THD
0.982	60 Hz	16.8%

Summary of Results

Spacing Criteria 0-180: 1.00
90-270: 1.00
Total Lumen Output: 715 Lumens
Luminaire Efficacy: 63.3 lm/w
Maximum Candela: 589 Candela

Zone	Lumens	% of Luminaire
0-40	569	79.6%
0-60	703	98.3%
0-90	715	100.0%



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FOR DRIVER TYPE "S2"

Phase Control Dimming Driver, ED3LNIC

Compatible Phase Control Dimmers			
MFG	Model	MFG	Model
Lutron	S-603PG	Leviton	6631-LW
Lutron	DVCL-153P	Leviton	VPE06
Lutron	TGCL-153P	Leviton	6683-IW
Lutron	S600P	Leviton	6161
Lutron	DVELV303P	Leviton	6633-P
Lutron	SELV300P	Leviton	IPE04
Lutron	TG-600P	Cooper	DLC03P
Lutron	LG600P	Cooper	SLC03P
Lutron	CT103P	Cooper	DAL06P
Lutron	MAELV600	Lightolier	ZP260QEW
Lutron	FAELV500		

Compatible dimmer information provided by the dimming driver manufacturer