

PROJECT:	_____
CATALOG #:	_____
FIXTURE TYPE:	_____
NOTES:	_____

# DRN Small Aperture Downlight



The *DRN Small Aperture Downlight Gen 1 Series* is a unique, low profile downlight that is fully customizable to meet the needs of any project. Available in 3" round and square trims, as well as adjustable trims, this highly efficient downlight features two driver options with TRIAC or 0-10V dimming, and 3 beam angles: Narrow, Medium, and Wide. The innovative twist and lock feature allows for easy, tool-free installation. Optional emergency driver available.



## APPLICATIONS

Residential and commercial applications including hotels, dormitories, and other multi-level construction



## SPECIFICATIONS

### CONSTRUCTION

Die-cast aluminum housing with heat sink for optimal thermal management.  
**10W** IC rated  
**18W** Non-IC rated

### AMBIENT TEMPERATURE

Suitable for use in -20°C to 45°C (-4°F to 113°F)

### MOUNTING

Recessed mounting to existing housing with screws or friction clips. Optional New Construction Housing available.

### EFFICACY

Up to 89 lumens per watt (see individual wattage data)

### CCT AND CRI

3000K CCT; 90 CRI.

### OPTICS

High performance LEDs provide optimal light and color quality. Available in 24°, 36°, and 60° beam spreads.

### WARRANTY

5-year limited warranty. Comprehensive warranty terms can be located on [www.slgus.com](http://www.slgus.com).

### ELECTRICAL

Class 2 high-efficiency 120-277V LED driver.  
 0-10V dimming (continuous dim to 10%) or TRIAC dimming.  
 Optional emergency driver available.

### LIFESPAN

L70 > 50,000 hrs @ 25°C

### TOTAL HARMONIC DISTORTION

Max 20%

### TRIM FINISH

White finish

### CERTIFICATIONS

UL Listed for damp locations.

Due to continuous product improvements, specification and/or equipment updates may change without notice.

### TRIM SIZE & SHAPE



3 inch Round



3 inch Round Adjustable

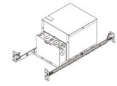


3 inch Square



3 inch Square Adjustable

### HOUSING OPTIONS



DRN 3" Housing with Integrated Driver

### ORDERING GUIDE

Luminaire Type	Trim Size & Shape	Lumen Output	Beam Angle	Generation	Voltage	CCT	Driver and Housing Options	Finish
DRN Small Aperture Downlight	<b>3R</b> 3 inch Round	<b>10</b> 850 (10W)	<b>NB</b> Narrow Beam 24°	<b>G1</b>	<b>120=</b> 120V Triac Dimming	<b>930K</b> 90 CRI, 3000K	<b>RTF</b> Remote Driver for Retrofit	<b>BLANK=</b> White
	<b>3RA</b> 3 inch Adjustable Round	<b>20</b> 1,600 (18W)	<b>MB</b> Medium Beam 36°					
	<b>3S</b> 3 inch Square		<b>WB</b> Wide Beam 60°					
	<b>3SA</b> 3 inch Adjustable Square							
					<b>UNV=</b> 120-277V, 1-10V Dimming		<b>NC3</b> 3" Housing with Integrated Driver for New Construction	



EMH-9W

### ACCESSORIES (Shipped separately. Requires some field assembly.)

**EMH-9W** Emergency Driver 9W

### RECOMMENDED REPLACEMENT

Wattage	Approx. Lumen Output	Replacement
10W	850 Lm	75W PAR
18W	1,600 Lm	100W PAR

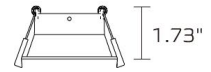
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## DIMENSIONS



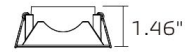
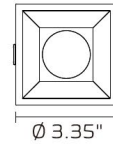
Round Trim

Ø2.95"-3.03" Cutout



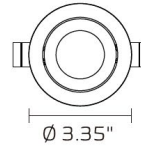
Square Trim

Ø2.95"-3.03" Cutout



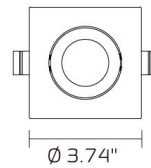
Adjustable Round Trim

Ø2.83"-2.95" Cutout



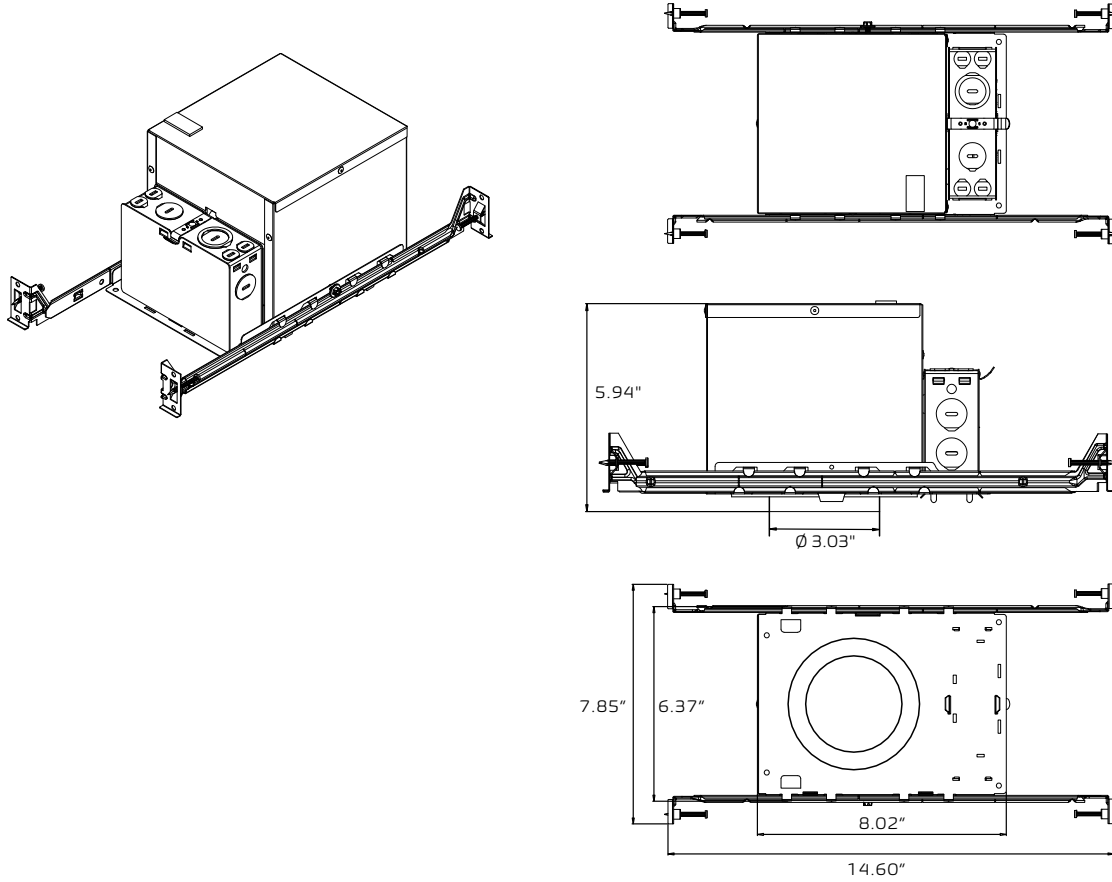
Adjustable Square Trim

Ø2.83"-2.95" Cutout



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## DRIVER BOX



## PERFORMANCE DATA

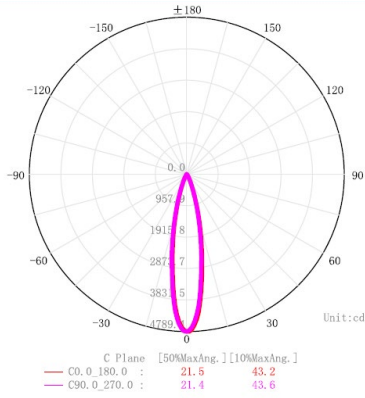
	3000K
WATT	90 CRI
10W	850
18W	1,600

## ELECTRICAL LOAD

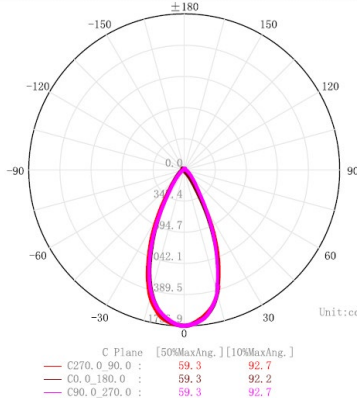
	Current (A)			
WATT	120V	208V	240V	277V
10W	0.08	0.05	0.04	0.04
18W	0.15	0.09	0.08	0.06

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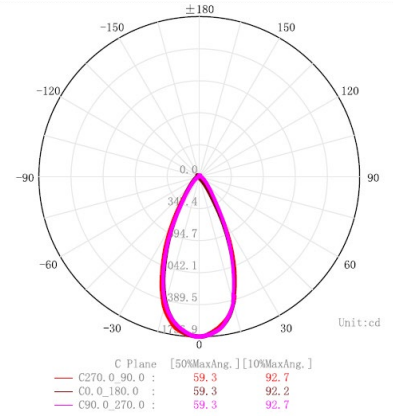
# PHOTOMETRIC DATA



**Lumens: 850 Lumens**  
**Power: 10W**  
**Efficacy: 85lm/W**  
**Beam Angle: 24°**



**Lumens: 850 Lumens**  
**Power: 10W**  
**Efficacy: 85lm/W**  
**Beam Angle: 36°**



**Lumens: 850 Lumens**  
**Power: 10W**  
**Efficacy: 85lm/W**  
**Beam Angle: 60°**

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