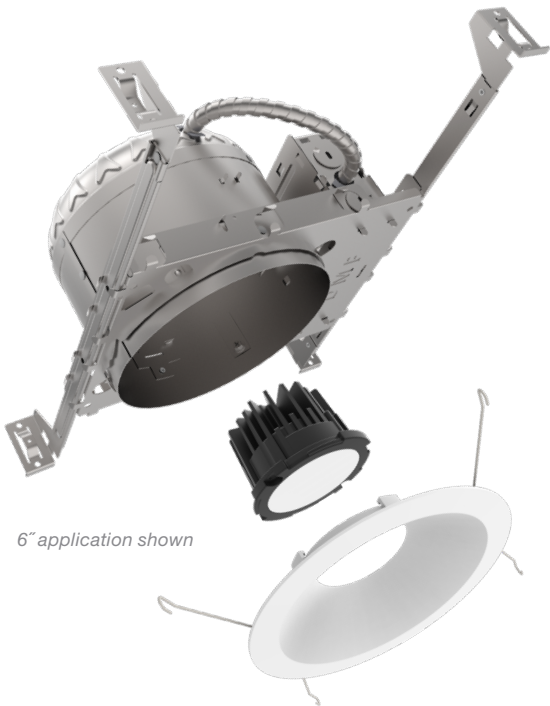


DCD1

Recessed LED Downlight

Classic New Construction  
5", 6" Aperture



- Powerfully compact downlight designed for higher light and ceiling applications
- Advanced LED delivers up to 2000 lumens of 90+ CRI general downlighting
- All DRDH housings are UL Listed approved for use with DMF's advanced LED modules and can be installed in direct contact with insulation

<b>Application</b> New Construction		<b>Aperture</b> 5", 6"
<b>Delivered Lumens</b> 1500 lm (19.5W), 2000 lm (29.0W)		<b>Color Quality</b> 90+ CRI, 2-step SDCM
<b>Color Temperature</b> <div><div></div>2700K</div> <div><div></div>3000K</div> <div><div></div>3500K</div> <div><div></div>4000K</div>		<b>Light Distribution</b> <div><div></div></div> General
<b>Input Voltage</b> 120/277V	<b>Dimming</b> 0-10V 1% Lutron Hi-lume® 1%	<b>Emergency Lighting</b> Emergency LED Driver for lighting up to 90 minutes in event of power failure
<b>Trims</b> Round, Baffle, Wall Wash, Deep Standard, Deep Baffle		<b>Trim Finish</b> White, Black, Silver, Alzak®, Custom
<b>Housing Ratings</b> <div><div></div>ASTM E283 Certified Air Tight</div> <div><div></div>IC (Insulation Contact) Rated</div>		<b>Module Ratings</b> <div><div></div>UL Listed for Wet Location</div>
<b>Standards</b> <div><div></div></div> <div><div></div></div> <div><div></div></div>		<b>Guarantee</b> 50,000 hrs   5 years





## PRODUCT BUILDER

## HOUSING

PRODUCT CODE		APPLICATION		IC/NON-IC		APERTURE		DRIVER		OPTION	
<div></div>		<div></div>		<div></div>		<div></div>		<div></div>		<div></div>	
DRDH	Housing	N	New Consturction	IC	Insulation Contact	5	5" Aperture	15O	0-10V, 1500 lm	[Blank]	None
						6	6" Aperture	20O	0-10V, 2000 lm	EM	Emergency Driver
						6S	6" Shallow	15C	Lutron LDE1 <sup>1</sup> , 1500 lm		
								20C	Lutron LDE1 <sup>1</sup> , 2000 lm		
								15L	Lutron LTEA2W <sup>2</sup> , 1500 lm		
								20L	Lutron LTEA2W <sup>2</sup> , 2000 lm		

## LED MODULE

PRODUCT CODE		LUMENS		CRI		CCT		DRIVER	
<div></div>		<div></div>		<div></div>		<div></div>		<div></div>	
DCD1M	Module	15	1500 lm	9	90+ CRI	27	2700K	A	Alternate
		20	2000 lm			30	3000K		
						35	3500K		
						40	4000K		

## TRIM

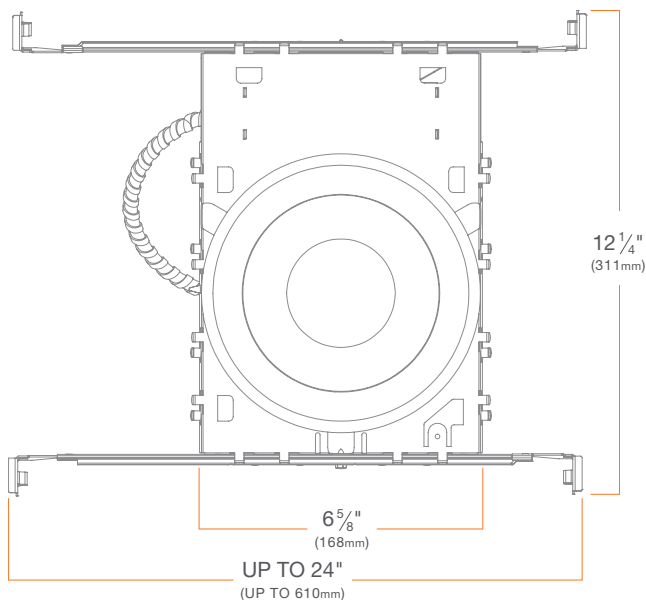
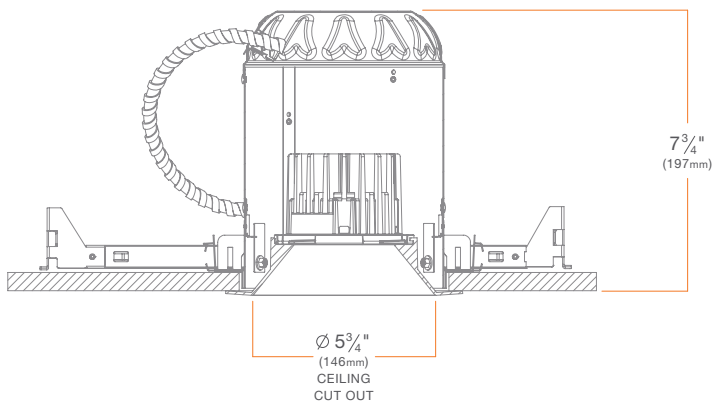
PRODUCT CODE		SHAPE		APERTURE		STYLE		FINISH	
<div></div>		<div></div>		<div></div>		<div></div>		<div></div>	
DRD2T	Trim	R	Round	5	5" Aperture	S	Standard	WH	White
		D	Deep <sup>3</sup>	6	6" Aperture	B	Baffle	BK	Black
						W	Wall Wash <sup>4</sup>	SW	Silver Reflector, White Flange
								AZ	Low Iridescent Reflector, White Flange <sup>5</sup>
								CC	Custom Color

<sup>1</sup> Lutron LDE1 refers to Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black™<sup>2</sup> Lutron LTEA2W refers to Lutron Hi-lume 1% 2-wire LED driver<sup>3</sup> Only available in 6" aperture, Standard or Baffle style, White, Low Iridescent or Custom finish; only compatible with standard 6" Housing<sup>4</sup> Only available in White finish<sup>5</sup> Only available for Deep shape

## HOUSING



**5" New Construction IC  
Frame-in Kit**  
**DRDHNIC5**



## Classic Housing

5", 6" New Construction

**DRDHNIC**

### SUMMARY

**HOUSING:** 20 ga. die-formed aluminum (5" housing), 22 ga. die-formed aluminum (6" housing), 20 ga. die-formed aluminum (6" shallow housing)

**JUNCTION BOX:** Galvanized steel. Equipped with (6) 1/2" and (1) 3/4" knockouts with pryout slots to allow straight conduit runs. (4) knockouts for non-metallic sheathed cable installation. Junction box tension spring allows snap-in installation of plate cover for easy access to wiring. Approved for 8 (four-in, four-out) #12 AWG 90 through wire conductors

**MOUNTING:** Pre-installed adjustable bar hangers engineered to accommodate lumber, laminated beams and T-bar

**CEILING:** 1/2" up to 1"

**CUTOUT:** 5 3/4" (5" housing), 6 3/8" (6" housing, 6" shallow housing)

**INPUT VOLTAGE:** 120/277V, 50/60Hz

**MAX INPUT CURRENT (120V):** 0.26 amps, 0.37 amps

**MAX INPUT CURRENT (277V):** 0.12 amps, 0.16 amps

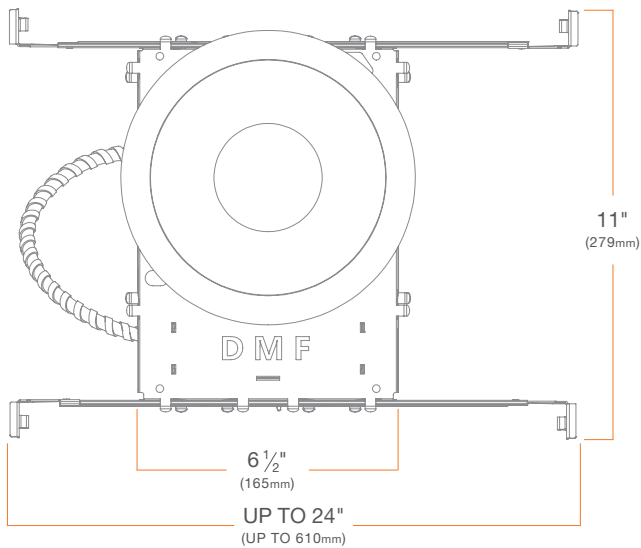
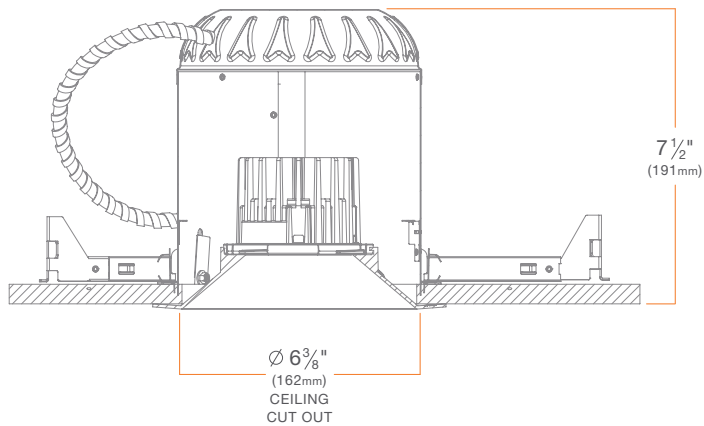
**POWER FACTOR:** Greater than 0.9

**TOTAL HARMONIC DISTORTION:** Less than 20%

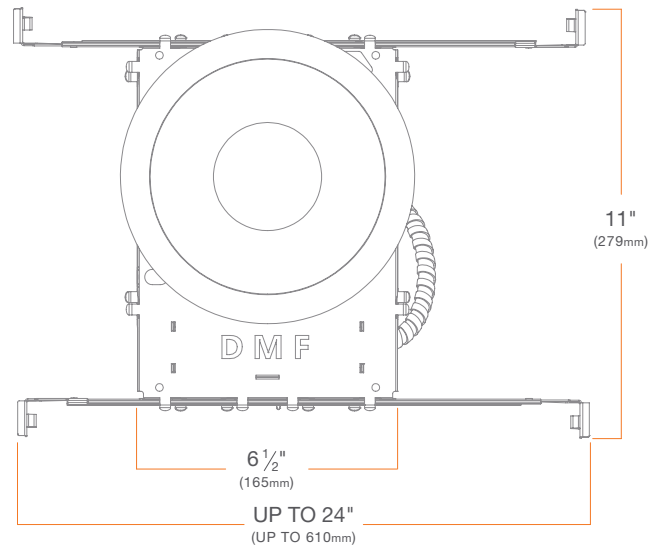
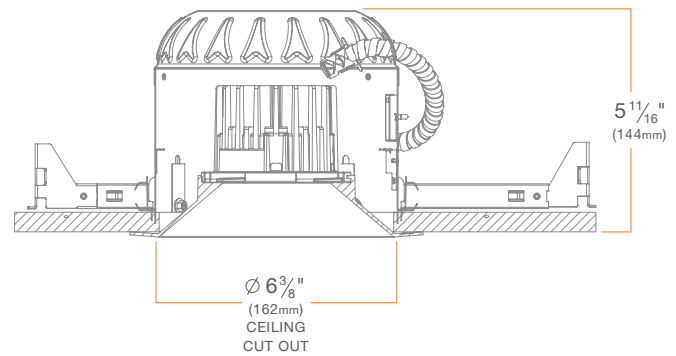
**LISTINGS:** ASTM E283 certified Air Tight, IC (Insulation Contact) rated

# HOUSING

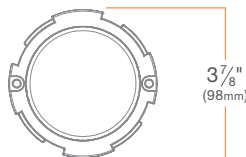
## 6" New Construction IC Frame-in Kit

**DRDHNIC6**


## 6" Shallow New Construction IC Frame-in Kit

**DRDHNIC6S**


## MODULE



## DCD1

Commercial LED Module

### DCD1M

#### SUMMARY

**LED:** Cree® LED

**DELIVERED LUMENS:** 1500 lm (19.5W), 2000 lm (29.0W)

**EFFICACY:** 77 lm/W, 69 lm/W

**COLOR QUALITY:** 90+ CRI, 2-step SDCM

**CCT:** 2700K, 3000K, 3500K, 4000K

**CONNECTOR:** PowerPlug® Luminaire Disconnect Model 182

**DIMMING:** Down to less than 1% for 0-10V or Lutron Hi-lume® 1% at 120/277V

**AMBIENT OPERATING TEMPERATURE:** -20°C to 40°C

**EMERGENCY LIGHTING:** Optional Emergency LED Driver for lighting up to 90 minutes in event of power failure

**PHOTOMETRIC TESTING:** Tested in accordance to IESNA LM-79-2008

**LISTINGS:** ENERGY STAR® qualified, California Title 24 2016 compliant, UL Listed for Wet location, cULus Listed

**LIFETIME:** 50,000 hours at 70% lumen maintenance

**WARRANTY:** 5 year limited warranty

# TRIM



## Classic Trims

Recessed LED Downlight Trims

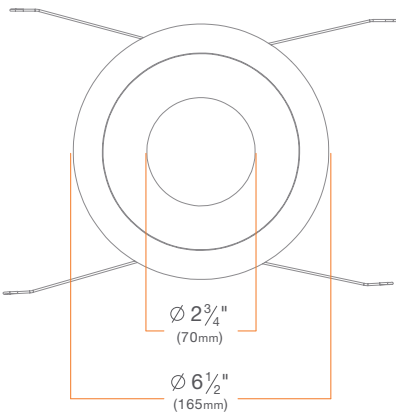
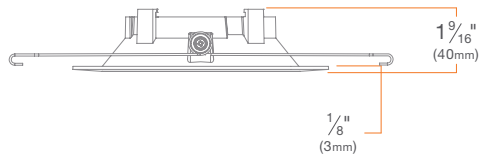
**DRD2T**

### SUMMARY

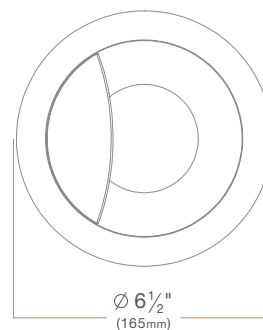
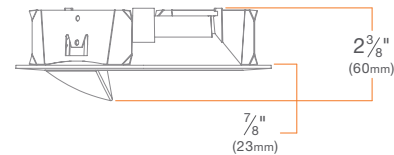
**CONSTRUCTION:** Die-cast aluminum

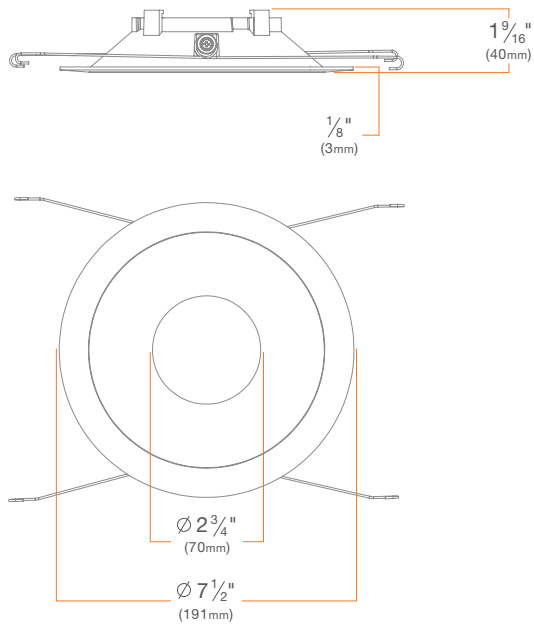
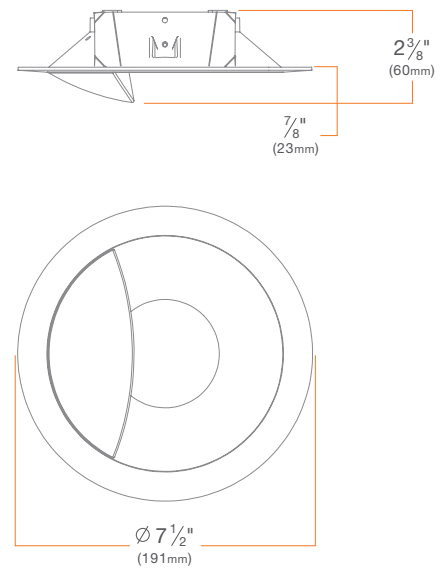
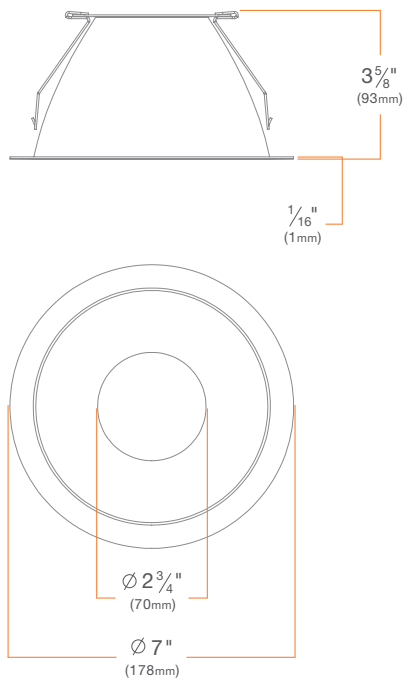
**INSTALLATION:** Twist & Lock

### 5" Round Trim

**DRD2TR5SWH**


### 5" Wall Wash Trim

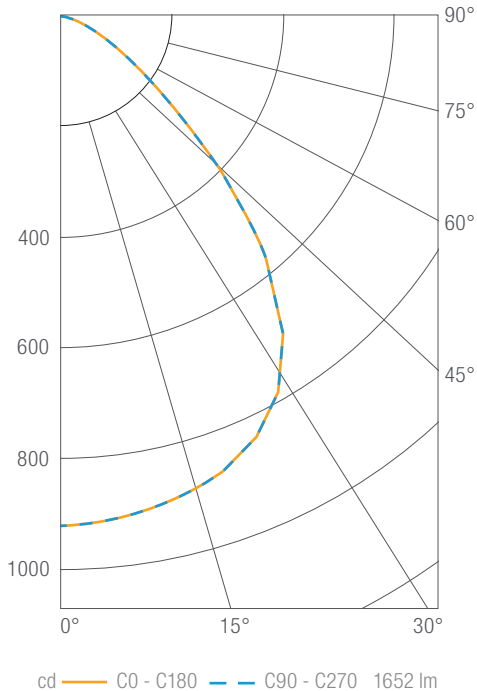
**DRD2TR5WWH**


**TRIM**
**6" Round Trim**
**DRD2TR6SWH**

**6" Wall Wash Trim**
**DRD2TR6WWH**

**6" Deep Trim**
**DRD2TD6SWH**




PHOTOMETRY

DCD1 1500 lm, 3000K DCD1M15930A  
6" Round Trim Smooth, White DRD2TR6SWH



Luminous Intensity

Gamma	C 0°
0°	851
5°	847
10°	838
15°	824
20°	804
25°	775
30°	727
35°	649
40°	539
45°	403
50°	272
55°	178
60°	117
65°	75
70°	42
75°	20
80°	10
85°	4
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	669	41
0-40	1070	65
0-60	1546	94
0-90	1652	100
0-180	1652	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3.0'	95	5.8'
6.0'	24	11.6'
9.0'	11	17.4'
12.0'	6	23.3'

Beam Angle: 88°

Lumen Scaling

DCD1M15 (1500 lm)	DCD1M20 (2000 lm)
1.00	1.33

CCT Scaling

DCD1M15927 (2700K)	DCD1M15930 (3000K)	DCD1M15935 (3500K)	DCD1M15940 (4000K)
0.93	1.00	1.00	1.07





## DIMMER COMPATIBILITY

### Recommended 0-10V Dimmers (Dims down to 1% nominal measured light output)

Brand	Series	Model Number	Max Load DCD1M15	Max Load DCD1M20
Legrand	Titan	CD4FB	97	71
Leviton	IllumaTech	IP710-DLZ	46	34
Lithonia	Synergy	ISD BC	46	34
Lutron	Diva	DVTV	73	54
	Nova	NFTV	110	78
	Nova	NTSTV-DV	105	76
Watt Stopper	Micro Decorator Style	DCLV1	135	95