

# IOLITE TRIMLESS

## 2" and 4" LED Downlights

## Up to 2850 Delivered Lumens

Trimless installations have no exposed trim flange and are considered the premium finishing technique. The trimless effect requires the installation of the trimless mud ring after the drywall is installed. A professional drywall finisher floats the ceiling to blend in the mud ring, sands and paints. The reflector is then inserted into the ring and the result is a spectacular, minimalist appearance with no flange.

### FEATURES

- 2" and 4" downlights / square and round apertures
- 1000 to 2500 lumens
- Fixed downlights or adjustable reflectors
- 2700K, 3000K, 3500K 4000K, 5000K or Comfort Dim (Warm Dim)
- Includes three field-changeable optics
- Phase, 0-10V, Lutron EcoSystem, or DALI dimming
- cULus Listed for Wet Locations (PLUS are Damp Location)
- 5 Year Limited Warranty



**Dedicated Housing**  
Patented driver assembly allows for tool-less removal

**Mud Ring**  
Round or Square  
Die-Cast Aluminum

**Die-Cast Aluminum Heat Sink**  
with COB LED technology



**Field Changeable Optics**  
Each module includes spot, narrow flood and flood optics

**Die-Cast Reflectors**  
Downlight or Adjustable Styles  
Variety of finishes

### IOLITE NEW CONSTRUCTION HOUSINGS

HOUSING TYPE	APERTURE / LM / WATT	DRIVER / DIMMING	OPTIONAL EMERGENCY
<b>NHIOICD</b> IC Air-Tight	<b>-28</b> 2" / 1000lm	<b>LE3</b> 120V input; Triac / ELV	<b>/PEM</b> Pre-Wired for Remote Emergency (not compatible with NHIOICDCP)
<b>NHIOICDCP</b> Chicago Plenum	<b>-48</b> 4" Round & Square / 1000lm	<b>LE4</b> 120-277V input; Triac / ELV / 0-10V <b>LUPEQ</b> 120/277V input; Lutron EcoSystem 0.1%	
<b>NHIOICD</b> IC Air-Tight	<b>-415</b> 4" Round & PLUS / 1500lm	<b>LE4</b> 120-277V input; Triac / ELV / 0-10V <b>LUPEQ</b> 120/277V input; Lutron EcoSystem 0.1%	<b>/PEM</b> Pre-Wired for Remote Emergency (not compatible with NHIOICDCP)
<b>NHIOICDCP</b> Chicago Plenum	<b>-420</b> 4" Round & PLUS / 2000lm		
	<b>-425</b> 4" Round & PLUS / 2500lm		
<b>NHIOICD</b> IC Air-Tight	<b>-4PS15</b> 4" Square PLUS / 1500lm	<b>LE4</b> 120-277V input; Triac / ELV / 0-10V <b>LUPEQ</b> 120/277V input; Lutron EcoSystem 0.1%	<b>/PEM</b> Pre-Wired for Remote Emergency (not compatible with NHIOICDCP)
<b>NHIOICDCP</b> Chicago Plenum	<b>-4PS20</b> 4" Square PLUS / 2000lm		
	<b>-4PS25</b> 4" Square PLUS / 2500lm		

Example: **NHIOICD-4PS25LE4** - 4" IC Air-Tight Square PLUS New Construction Housing, 2500lm / 28W, 120-277V input; Triac / ELV / 0-10V dimming

### IOLITE LED TRIMLESS

APERTURE / SHAPE		CCT	FINISH (not available on all trimless)		LUMENS / WATTAGE
<a href="#">NIO-2RTLA</a>	2" Round Adjustable	<b>27X</b> 2700K	<b>BB</b>	Black	<b>/I0</b> 1000lm / 14W
<a href="#">NIO-2RTLND</a>	2" Round Downlight	<b>30X</b> 3000K	<b>BW</b>	Black / White	
<a href="#">NIO-4STLND</a>	4" Square Downlight	<b>35X</b> 3500K	<b>BZ</b>	Bronze	<b>/I0</b> 1000lm / 14W
		<b>40X</b> 4000K	<b>CH</b>	Champagne Haze	
<a href="#">NIO-4RTLA</a>	4" Round Adjustable	<b>50X</b> 5000K	<b>CHMPW</b>	Champagne Haze /	<b>/I0</b> 1000lm / 14W
<a href="#">NIO-4RTLND</a>	4" Round Downlight	<b>CDX</b> Comfort Dim (800lm only)		Matte Powder White	<b>/HL</b> 1500-2500lm (specified by housing)
<a href="#">NIO-4PRTLA</a>	4" PLUS Round Adjustable		<b>HW</b>	Haze / White	<b>/HL</b> 1500-2000lm (specified by housing)
<a href="#">NIO-4PSTLA</a>	4" PLUS Square Adjustable		<b>HZ</b>	Haze	
<a href="#">NIO-4PRTLND</a>	4" PLUS Round Downlight		<b>HZMPW</b>	Haze / Matte Powder White	<b>/HL</b> 1500-2500lm (specified by housing)
<a href="#">NIO-4PSTLND</a>	4" PLUS Square Downlight	<b>MPW</b>	Matte Powder White		
			<b>WW</b>	White	

Example: **NIO-4PSTLA30XMPW/HL** - 4" Iolite Square PLUS Trimless Adjustable, 3000K, Matte Powder White, 1500-2000lm (specified by housing)

### IOLITE MUD RINGS

APERTURE / SHAPE
<b>NIO-TLMR-2RA</b> 2" Round
<b>NIO-TLMR-4RA</b> 4" Round
<b>NIO-TLMR-4SA</b> 4" Square
<b>NIO-TLMR-4PR</b> 4" PLUS Round
<b>NIO-TLMR-4PS</b> 4" PLUS Square

# IOLITE TRIMLESS



	NHIOICD-28	NHIOICD-4(xx)	NHIOICD-48	NHIOICD-4(xx)	NHIOICD-4PS(xx)
<b>Aperture</b>	2" Round	4" Round	4" Round or Square	4" PLUS Round	4" PLUS Square
<b>Lumens</b>	1000lm	1500lm to 2500lm	1000lm	1500lm to 2500lm	1500lm to 2500lm
<b>Types</b>	ICAT or CCEA	ICAT or CCEA	ICAT or CCEA	ICAT or CCEA	ICAT or CCEA
<b>Input Voltage</b>	120V or 120-277V	120/277V	120V or 120-277V	120/277V	120/277V
<b>Dimming</b>	Triac, ELV, Lutron or 0-10V				



	NIO-TLMR-2RA	NIO-TLMR-4RA	NIO-TLMR-4SA	NIO-TLMR-4PR	NIO-TLMR-4PS
<b>Aperture</b>	2" Round	4" Round	4" Square	4" PLUS Round	4" PLUS Square



	2" Trimless	4" Trimless		4" PLUS Trimless	
Aperture	2.75" (Round)	3.25" (Round)	2.75" (Square)	3.625" (Round)	3.5" (Square)
Lumens	1000lm	1000lm to 2500lm	1000lm	1500lm to 2500lm	1500lm to 2500lm
Type	Downlight (Wet), Adjustable	Downlight (Wet), Adjustable	Downlight (Wet)	Downlight, Adjustable	Downlight, Adjustable
CCT	2700K, 3000K, 3500K, 4000K, 5000K or Comfort Dim (warm dimming)			2700K, 3000K, 3500K, 4000K, 5000K	
Optics	Field Changeable Optics included				