

**DESCRIPTION**

Improve the lighting in your space by installing these Spec Grade architectural LED downlight fixtures with their compatible trims. Each engine's integrated junction box with isolated driver and flexible conduit whips eliminate the need for traditional housing, making it an ideal choice for hardwired lighting in new constructions and remodels.

**FEATURES**

- Energy efficient replacement for 175W metal halide fixtures
- Light output will vary depending on the wattage selected, see Selectable Table for more information
- Can be paired with 6, 8, or 10-inch aperture regressed round aluminum trims (sold separately); see Compatible Trims section for list of compatible trims
- Does not require recessed housing
- Requires mounting plate; see Mounting Accessories section for list of compatible mounting plates
- Dimmable with 0-10V dimmers; see Compatible Dimmers section for full list of compatible dimmers
- Wattage can be adjusted via switches on the external driver of the fixture; see installation instructions for more information

**LISTINGS**

- UL Listed for damp locations
- IP20

**PERFORMANCE**

- CRI: >80
- CCT: 4000K
- Rated Lifetime L70 @ 25°C: >60,000 hours

**ELECTRICAL**

- THD: <20%
- Power Factor: >0.9
- Input Voltage: 120-277V
- Output Voltage: 30~42V
- Surge protection: 1kV

**THERMAL**

- -4°F to 104°F (-20°C to 40°C) operating temperature

**CONSTRUCTION**

- Aluminum body
- Frosted PMMA lens

project name	type
catalog number	
comments	voltage
approved by	date



**WARRANTY**

- 5 year limited warranty; see [pltsolutions.com](http://pltsolutions.com) for warranty details

**APPLICATIONS**

- Offices
- Lobbies
- Conference Rooms
- Living Rooms
- Hallways
- Bathrooms
- Laundry Rooms

<b>PERFORMANCE</b>	Power Consumption*	80 Watt
	CRI	>80
	CCT*	4000K
	LED L70 Life Hours	>60,000
<b>ELECTRICAL</b>	Power Factor	>0.9
	THD	<20%
	Input Voltage	120-277V
<b>CONSTRUCTION</b>	Housing	Aluminum
	Lens	Frosted
<b>LISTINGS</b>	Certifications	UL Listed; IP20
	Environment	Damp Location Rated

\* See Selectable Table for full breakdown

## PERFORMANCE SUMMARY

Item #	Height	Wattage*	CCT*	Voltage	Replaces	CRI	LED L70 Life Hours	Dimmable	Default Setting
PLT-90327	4"	50/ 65/ 80	4000K	120-277V	175W MH	>80	>60,000	Yes	80W

\* See Selectable Table for full breakdown

## SELECTABLE TABLE

Wattage	CCT	Lumens	Efficacy
50W	4000K	4400	88
65W	4000K	5525	85
80W	4000K	6560	82

## COMPATIBLE TRIMS

Item #	Description
PLT-90328	6" Aperture Regressed Round Trim - White finish with Matte Silver Reflector
PLT-90329	8" Aperture Regressed Round Trim - White finish with Matte Silver Reflector
PLT-90330	10" Aperture Regressed Round Trim - White finish with Matte Silver Reflector

## COMPATIBLE DIMMERS

Brand	Model #
Lutron	DVTV
Leviton	IP-710-DL

## DOWNLIGHT ENGINE DIMENSIONS



### DIMENSIONS:

Height (black portion only) – 3.94"

Diameter (black portion only including side mount conduit fitting) – 4.3"

Weight – 3.19 lbs

Driver Length – 8.19"

Driver Width – 3.44"

Driver Height – 1.37"

(2) Conduit Length – 13.5"

## ROUND TRIM DIMENSIONS

### **6" DIMENSIONS:**

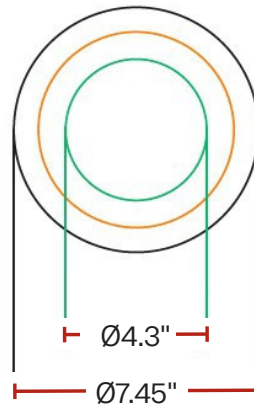
Top Inside Diameter – 4.30"

Bottom Inside Diameter – 5.94"

Bottom Outside Diameter – 7.45"

Ceiling Cutout Diameters – 6" to 6.7"

Reflector Height – 6.10"



### **8" DIMENSIONS:**

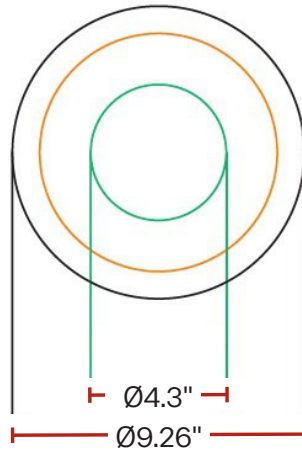
Top Inside Diameter – 4.30"

Bottom Inside Diameter – 7.52"

Bottom Outside Diameter – 9.26"

Ceiling Cutout Diameters – 7.7" to 8.4"

Reflector Height – 6.61"



### **10" DIMENSIONS:**

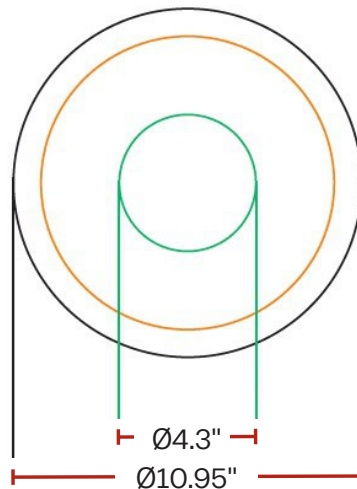
Top Inside Diameter – 4.30"

Bottom Inside Diameter – 9.21"

Bottom Outside Diameter – 10.95"

Ceiling Cutout Diameters – 10" to 10.78"

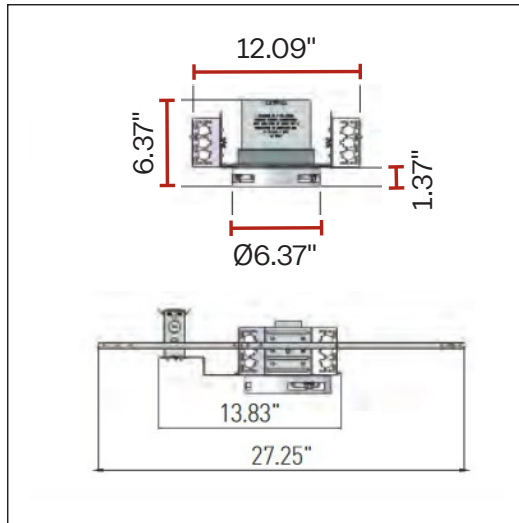
Reflector Height – 6.89"



## MOUNTING PLATE DIMENSIONS

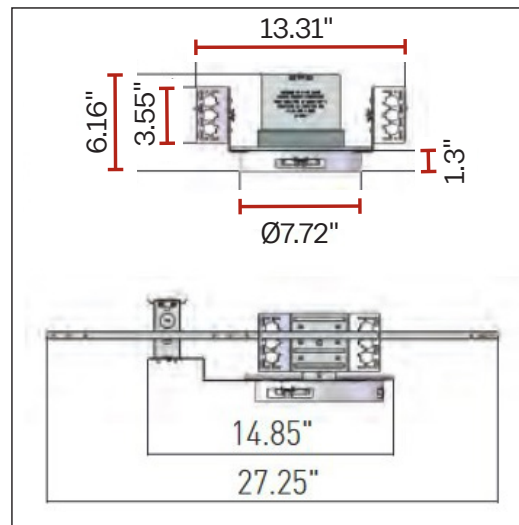
### **PLT-90384**

Diameter – 6.37"  
Ring Height – 1.37"  
Total Width – 12.09"  
Total Height – 6.37"



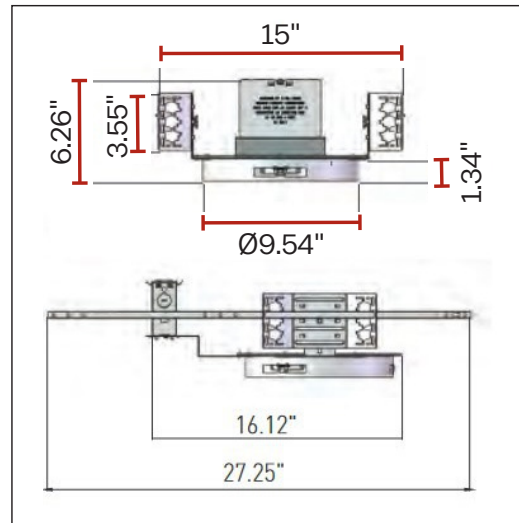
### **PLT-90385**

Diameter – 7.72"  
Ring Height – 1.3"  
Total Width – 13.31"  
Total Height – 6.16"  
Bracket Height – 3.55"



### **PLT-90386**

Diameter – 9.54"  
Ring Height – 1.34"  
Total Width – 15"  
Total Height – 6.26"  
Bracket Height – 3.55"  
Bar Length – 27.25"



## WARNINGS

- Only use this LED light engine with the dimmers listed in the compatibility list. Using this downlight with incompatible dimmers may cause performance issues including humming, buzzing, flickering, and poor dimming performance.