



The TCDE Series Commercial Downlights are available in 4", 6", 8", and 10" sizes, with wattages up to 60W. Featuring an innovative separable design between the junction box and trim, these fixtures offer maximum installation flexibility.

The integral junction box eliminates the need for traditional recessed housings, allowing for direct mounting into ceilings—ideal for new construction projects. Adjustable butterfly clips make for a quick and secure installation, requiring no cans, bulbs, or additional labor. Simply wire to a wall switch and place into the ceiling.

## TRIM

Self-flanged spun aluminum reflector with frosted lens to shield direct view from LEDs. Trim Size available in 4, 6, 8, and 10 inch with haze reflector.

## FEATURES

Selectable Kelvin temperature & Wattage.

Driver Info: 120-277V, 50/60 Hz

LED Life: 50,000 Hours

Operating Temperature: -4°F to 113°F

Warranty: 5 year limited warranty

0-10V dimming: 20W & 40W dims down to 10% / 60W dims down to 1%

Item	Lumen Output			Type
	High	Medium	Low	
TCDE-WS1	20W,1500LM (75LM/W )	15W,1170LM (78LM/W )	10W,800LM (80LM/W )	IC
TCDE-WS2	40W,3200LM (80LM/W )	34W,2890LM (85LM/W )	27W,2430LM (90LM/W )	NON-IC
TCDE-WS3	60W,6180LM (103LM/W )	50W,5300LM (106LM/W )	40W,4360LM (109LM/W )	NON-IC

NOTE: 20W LED engine can be used with all trims. 40W LED engine with all trims, 60W LED engine with 6in, 8in, 10in round trims and 6in square trim only. Efficacy listed at 4000K.



TCDE-WS1

TCDE-WS2



TCDE-WS3



## Ordering Guide

### TCDE-WS-CCTS Series

Project:	Date
Type:	
Model:	

### Ordering Chart

Example: TCDE-WS1-CCTS-Y

TCDE			Y	
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Series	Selectable Wattage	Selectable CCT	Voltage	Emergency Battery Back-up
<b>TCDE</b> LED Engine	<b>WS1</b> (Wattage Selectable) 20W / 15W / 10W	<b>CCTS</b> (Color Temp. Selectable) 3000K / 3500K / 4000K	<b>Y</b> 120-277V	<b>Blank</b> Standard
	<b>WS2</b> (Wattage Selectable) 40W / 34W / 27W	<b>CCTS2</b> (Color Temp. Selectable) 3000K / 3500K / 4000K		<b>EB8</b> 8W Emergency Battery Backup
	<b>WS3</b> (Wattage Selectable) 60W / 50W / 40W	<b>CCTS3</b> (Color Temp. Selectable) 3000K / 3500K / 4000K		<b>EB25</b> 25W Emergency Battery Backup

### Accessories Ordering Chart

Trim Example: TRWR-4

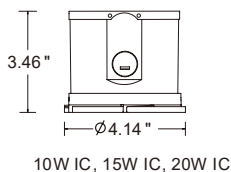
Round and Square Trim Options
<b>TRWR-(4/6/8/10)</b> Round White Ring
<b>TRHR-(4/6/8)</b> Round Haze Ring
<b>TRRR-(4/6)</b> Round Rose Ring
<b>TSWR-(4/6)</b> Square White Ring
Wall Washer Trim Options
<b>TRWW-(4/6)</b> Round Wall Wash White Ring
<b>TSWW-(4/6)</b> Square Wall Wash White Ring

Frame Kit Example: TFKR-J

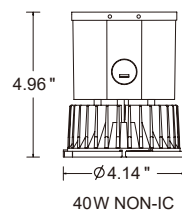
New Construction Frame Kit
<b>TFKR</b> Round Frame Kit 3in - 8in
<b>TFKS</b> Square Frame Kit 4in - 6in
New Construction Frame Kit "with J-Box"
<b>TFKR-J</b> Round Frame Kit with J-Box 3in - 8in
<b>TFKS-J</b> Square Frame Kit with J-Box 4in - 6in



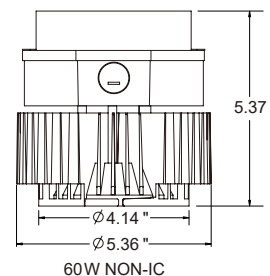
### LED Engine dimensions & Trim compatibility



**20W Max (120-277VAC)**  
Fits with 4in, 6in, 8in trims, round and square.



**40W Max (120-277VAC)**  
Fits all trims.



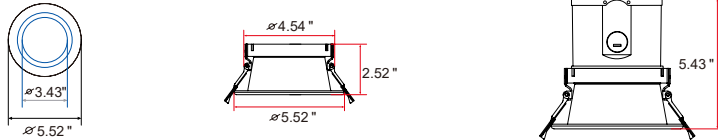
**60W Max (120-277VAC)**  
Only for 6in / 8in / 10in round trims and 6in square trims.

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

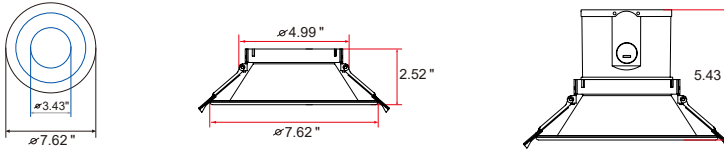
## TCDE-WS-CCTS Series

### Round Trims

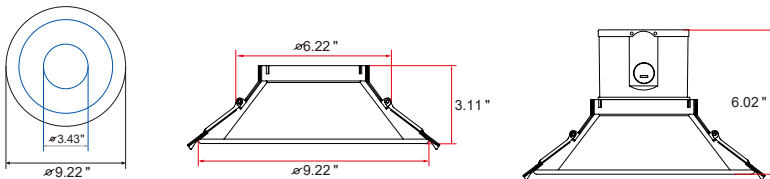
#### 4" Round Trims



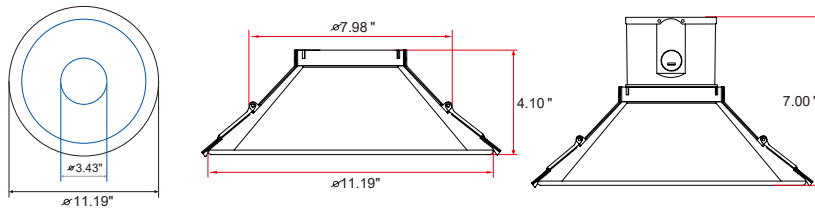
#### 6" Round Trims



#### 8" Round Trims

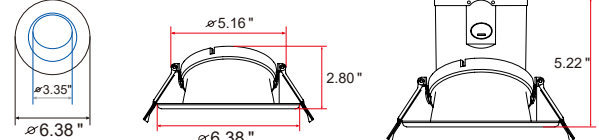


#### 10" Round Trims

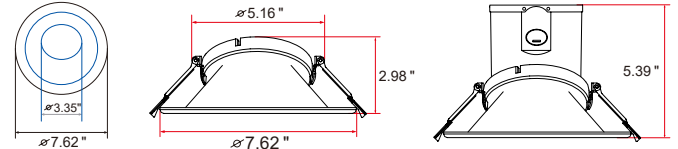


### Round Wall Washer Trims

#### 4" Round Wall Wash Trims

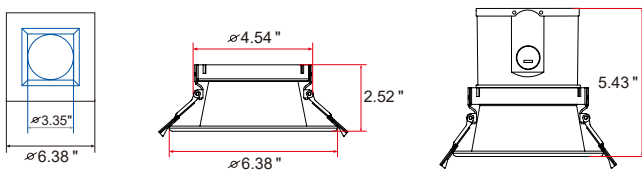


#### 6" Round Wall Wash Trims

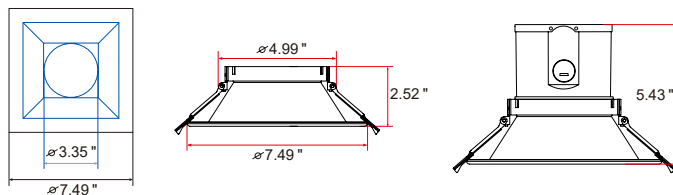


### Sqaure Trims

#### 4" Sqaure Trims

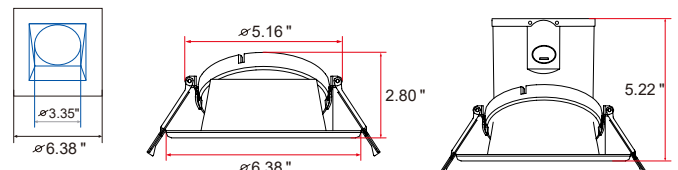


#### 6" Sqaure Trims

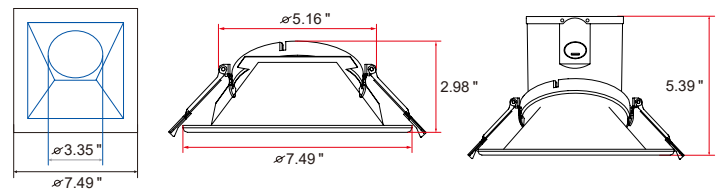


### Sqaure Wall Washer Trims

#### 4" Sqaure Wall Wash Trims



#### 6" Sqaure Wall Wash Trims



### OPTIONAL NEW CONSTRUCTION FRAME KITS

The Luminoso LED New Construction Frame kit is ideal for installing 4, 6, and 8 inch LED engine downlights in new construction projects. Crafted from durable cold-rolled steel, this frame is engineered to accommodate stud or joist spacings of up to 24 inches. It seamlessly integrates with standard 2x2 and 2x4 T-grid drop ceilings and comes equipped with adjustable and divisible bar hangers featuring pre-installed nails for added convenience.



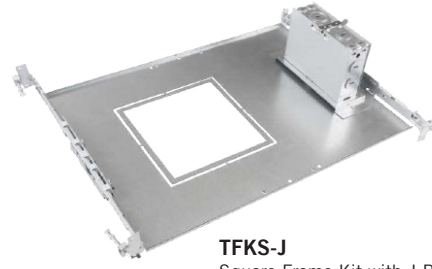
**TFKR**  
Round Frame Kit 3in - 8in



**TFKS**  
Square Frame Kit 4in - 6in



**TFKR-J**  
Round Frame Kit with J-Box 3in - 8in



**TFKS-J**  
Square Frame Kit with J-Box 4in - 6in

