



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-WS20	20W,1500LM (75LM/W)	15W,1170LM (78LM/W)	10W,800LM (80LM/W)	IC
TCDE-WS40	40W,3200LM (80LM/W)	34W,2890LM (85LM/W)	27W,2430LM (90LM/W)	NON-IC
TCDE-WS60	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-WS20

TCDE-WS40



TCDE-WS60



Ordering Guide

TCDE-WS-CCTS Series

Project:	Date
Type:	
Model:	

Ordering Chart

Example: TCDE-WS20-CCTS-Y

TCDE			Y	
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Series	Selectable Wattage	Selectable CCT	Voltage	Emergency Battery Back-up
TCDE LED Engine	WS20 (Wattage Selectable) 20W / 15W / 10W	CCTS (Color Temp. Selectable) 3000K / 3500K / 4000K *For 5000K contact vendor for availability.	Y 120-277V	Blank Standard
	WS40 (Wattage Selectable) 40W / 34W / 27W			EB8 8W Emergency Battery Backup
	WS60 (Wattage Selectable) 60W / 50W / 40W			EB25 25W Emergency Battery Backup

Accessories Ordering Chart

Trim Example: TRWR-4

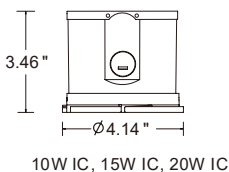
Round and Square Trim Options
TRWR-(4/6/8/10) Round White Ring
TRHR-(4/6/8) Round Haze Ring
TRRR-(4/6) Round Rose Ring
TSWR-(4/6) Square White Ring
Wall Washer Trim Options
TRWW-(4/6) Round Wall Wash White Ring
TSWW-(4/6) Square Wall Wash White Ring

Frame Kit Example: TFKR-J

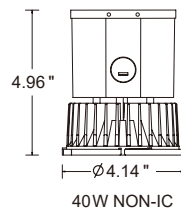
New Construction Frame Kit
TFKR Round Frame Kit 3in - 8in
TFKS Square Frame Kit 4in - 6in
New Construction Frame Kit " with J-Box "
TFKR-J Round Frame Kit with J-Box 3in - 8in
TFKS-J Square Frame Kit with J-Box 4in - 6in



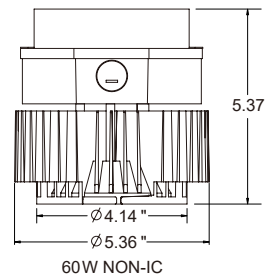
LED Engine dimensions & Trim compatibility



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



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



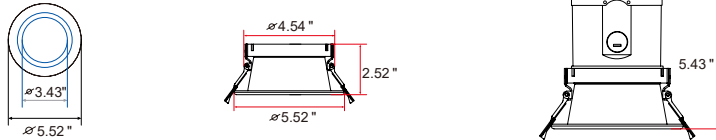
60W Max (120-277VAC)
Only for 6in / 8in / 10in round trims and 6in square trims.

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.

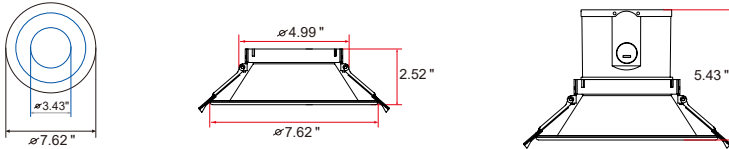
TCDE-WS-CCTS Series

Round Trims

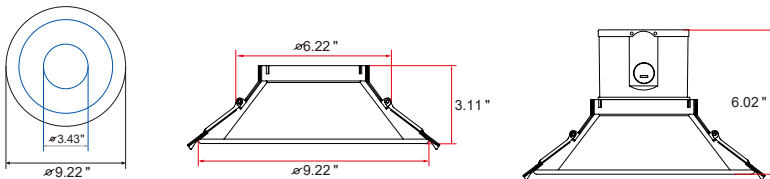
4" Round Trims



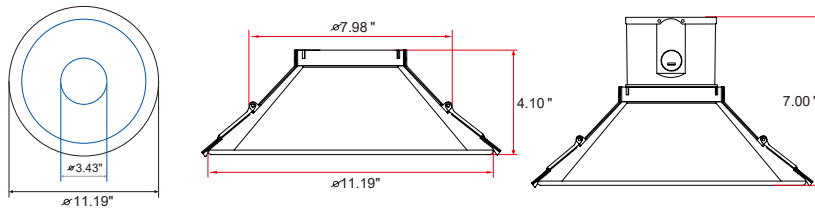
6" Round Trims



8" Round Trims

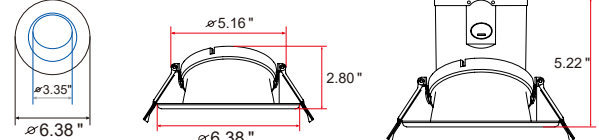


10" Round Trims

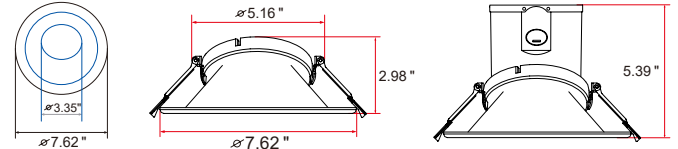


Round Wall Washer Trims

4" Round Wall Wash Trims

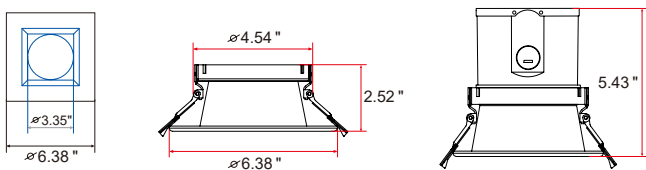


6" Round Wall Wash Trims

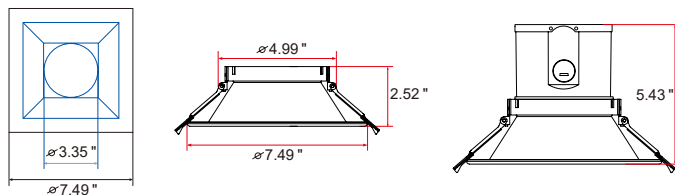


Sqaure Trims

4" Sqaure Trims

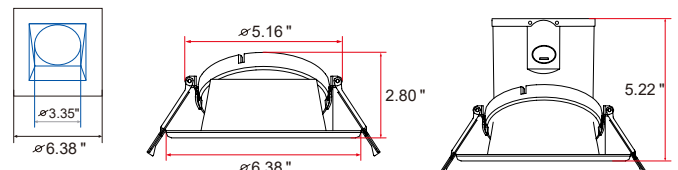


6" Sqaure Trims

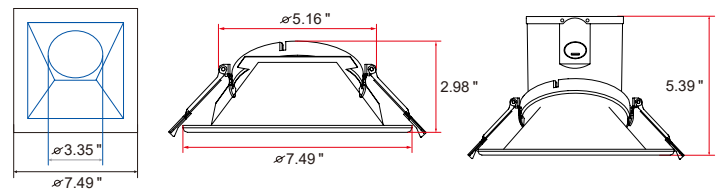


Sqaure Wall Washer Trims

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.



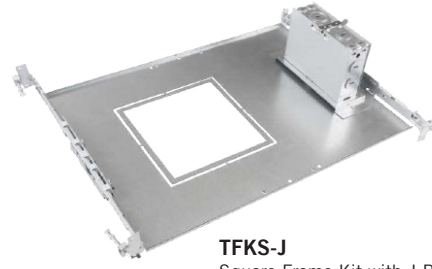
TFKR
Round Frame Kit 3in - 8in



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

