

INNOVATIVE LIGHTING SOLUTIONS

NATIONAL SPECIALTY LIGHTING
NSL

2019 New Products Recessed and Surface Mount Down Lights



NEW
Interchangeable
Trim Rings



ARCHITECTURAL AND DECORATIVE LIGHTING

LED THIN-LINE DOWN LIGHT GEN III

Thin-line LED Down Lights are a breakthrough in LED downlight technology. Designed for remodel and new construction, wet locations listed, Thin Line Downlights are a versatile and affordable choice for countless applications.

Features

- ✓ Energy Star rated - up to 80% energy savings
- ✓ Dimmable to 5% with most standard dimmers
- ✓ Ultra thin design
- ✓ Suitable for wet locations
- ✓ 120° beam spread
- ✓ No IC can required
- ✓ Temperature rating: -20°C-45°C
- ✓ Airtight
- ✓ The driver is wired for 120V input
- ✓ 50,000 hour life
- ✓ 5 year limited warranty
- ✓ cETLus, Energy Star
- ✓ Interchangeable brushed nickel, black and bronze trim rings available (*sold separately*)

Applications

- ✓ Kitchens & Pantries
- ✓ Laundry Rooms
- ✓ Bathrooms
- ✓ Lobbies
- ✓ Hallways
- ✓ Banquet Halls
- ✓ Elevators
- ✓ Retail lighting
- ✓ Restaurants
- ✓ Offices



LED THIN-LINE DOWN LIGHTS GEN III

Designed for remodel and new construction, wet locations listed, Thin Line Downlights are a versatile and affordable choice for countless applications.

Finish

White

Trim Rings

Interchangeable brushed nickel, black and bronze trim rings available (sold separately).

For more info, see page 9.

Electrical

The driver is wired for 120V input

Lamping

LEDs are 3000K (WW) and 4000K (NW)

Rated for 50,000 hrs., > 80 CRI

Certification

cETLus listed for wet location

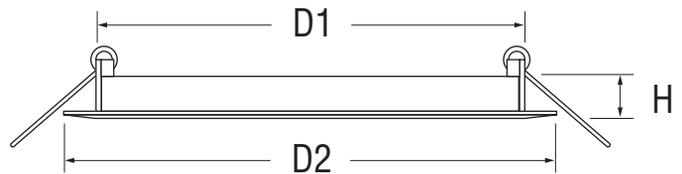
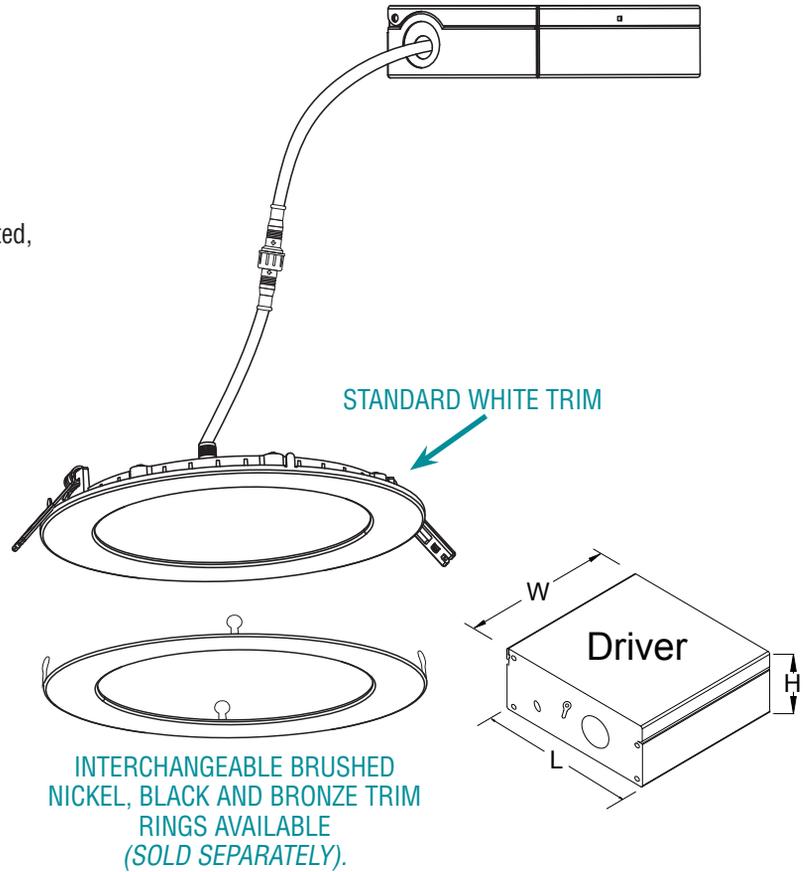
Warranty

Limited warranty: This fixture is free from defects in materials and workmanship for a period of 5 years from date of purchase

NOTE: Each fixture ships with one constant current power supply.

SPECIFICATIONS

LED Thin Line Down Lights Gen III



| | 3 inch Thin-line LED Down Light | 4 inch Thin-line LED Down Light | 6 inch Thin-line LED Down Light | 8 inch Thin-line LED Down Light | 10 inch Thin-line LED Down Light |
|---------------------------------|---|--|--|---|---|
| Product Codes: | LVLDL-03-XX-WH-R-L3 | LVLDL-04-XX-WH-R-L3 | LVLDL-06-XX-WH-R-L3 | LVLDL-08-XX-WH-R-L3 | LVLDL-10-XX-WH-R-L3 |
| LED Color | White | | | | |
| Color Temperature | Warm White 3000K, Neutral White 4000K | | | | |
| Input Voltage | 120V | | | | |
| Power Consumption (W) | 6 | 9 | 12 | 15 | 20 |
| No. SMD2835 LEDs | 36 | 48 | 72 | 96 | 120 |
| Lumens | | | | | |
| WW | 487 | 701 | 1046 | 1152 | 1776 |
| NW | 492 | 719 | 1079 | 1276 | 1786 |
| Color Rendering Index | 80+ | | | | |
| Dimmable | Yes | | | | |
| Life Span (hours) | 50,000 hrs | | | | |
| Appearance Size D1 x D2 x H | 3.15" x 3.74" x 0.5" (80mm x 95mm x 13mm) | 4.17" x 4.73" x 0.5" (106mm x 120mm x 13mm) | 6.14" x 6.85" x 0.5" (156mm x 174mm x 13mm) | 8.15" x 8.9" x 0.5" (207mm x 226mm x 13mm) | 10" x 10.79" x 0.5" (254mm x 274mm x 13mm) |
| Installation Hole Size | 3.35" (85mm) | 4.33" (110mm) | 6.54" (166mm) | 8.27" (210mm) | 10.31" (262mm) |
| Dimensions (J-Box) L x W x H | 4.8" x 2.05" x 1.86" (122mm x 52mm x 47.3mm) | 3.74" x 3.5" x 1.3" (95mm x 89mm x 33mm) | 3.74" x 3.5" x 1.3" (95mm x 89mm x 33mm) | 3.74" x 3.5" x 1.3" (95mm x 89mm x 33mm) | 3.74" x 3.5" x 1.3" (95mm x 89mm x 33mm) |

† XX = LED color: WW = Warm White (3000K), NW = Neutral White (4000K).

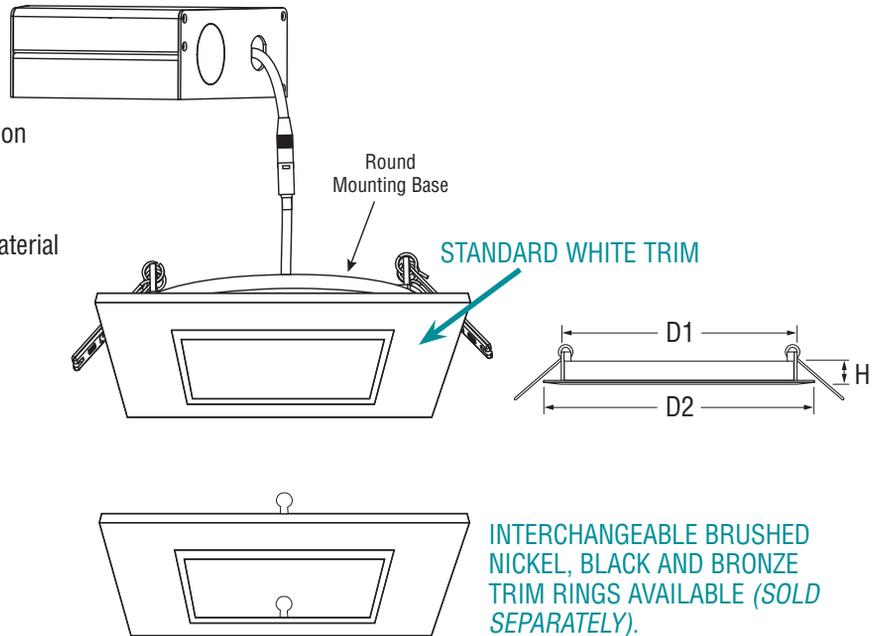
LED THIN-LINE SQUARE DOWN LIGHTS GEN III

Designed for remodel and new construction, wet locations listed, Thin Line Downlights are a versatile and affordable choice for countless applications.



Features

- ✓ Low profile, perfect for shallow ceiling plenums
- ✓ No IC can required, for direct contact with insulation and combustible materials
- ✓ 80+ CRI
- ✓ Two spring loaded clips to attach to any ceiling material
- ✓ 120 degrees beam spread
- ✓ Edge lit technology eliminates hot spots
- ✓ Temperature rating: -20°C-45°C
- ✓ 50,000 hours life
- ✓ Dimmable with most standard dimmers
- ✓ cETLus listed for wet locations
- ✓ Interchangeable brushed nickel, black and bronze trim rings available (*sold separately*)



Finish

White

Trim Rings

Interchangeable brushed nickel, black and bronze trim rings available (sold separately).

For more info, see page 9.

Electrical

The driver is wired for 120V input

Lamping

LEDs are 3000K (WW) and 4000K (NW)

Rated for 50,000 hrs., > 80 CRI

Certification

cETLus listed for wet location

Warranty

Limited warranty: This fixture is free from defects in materials and workmanship for a period of 5 years from date of purchase

NOTE: Each fixture ships with one constant current power supply.

SPECIFICATIONS

LED Thin Line Square Down Lights Gen III

| | 4 inch Thin-line Square Down Light | 6 inch Thin-line Square Down Light |
|---|--|--|
| Product Codes | LVLDL-04S-XX-WH-R-L3 | LVLDL-06S-XX-WH-R-L3 |
| Power Consumption (W) | 9W | 12W |
| Lumens: Warm White (WW) Neutral White (NW) | 627 704 | 962 1069 |
| Dimming | Yes | |
| Appearance Size D1 x D2 x H | 4.17" x 4.73" x 0.5" (106mm x 120mm x 13mm) | 6.14" x 6.73" x 0.5" (156mm x 171mm x 13mm) |
| Dimensions (J-Box) L x W x H | 3.74" x 3.5" x 1.3" (95mm x 89mm x 33mm) | 3.74" x 3.5" x 1.3" (95mm x 89mm x 33mm) |
| Installation Hole Size | 4.33" (110mm) | 6.54" (166mm) |
| Color Rendering Index | 80+ | |
| Input Voltage | 120V | |
| Color Temperature | 3000K – 4000K | |
| LEDs | Epistar | |
| Power Factor | 0.95 | |

† XX = LED color: WW = Warm White (3000K), NW = Neutral White (4000K).

3 COLOR TEMPERATURE LED THIN LINE DOWN LIGHTS

Designed for remodel and new construction, wet locations listed, Thin Line Downlights are a versatile and affordable choice for countless applications.

Features

- ✓ Energy Star rated - up to 80% energy savings
- ✓ Dimmable to 5% with most standard dimmers
- ✓ 120° beam spread
- ✓ Adjustable color temperature 2700K/3000K/4000K
- ✓ Two spring loaded clips to attach to any ceiling material
- ✓ White finish
- ✓ Wet locations listed
- ✓ Temperature rating: -20°C-45°C
- ✓ No IC can required, for direct contact with insulation and combustible materials
- ✓ The driver is wired for 120V input
- ✓ 50,000 hour life
- ✓ 5 year limited warranty
- ✓ Airtight
- ✓ cETLus and Energy Star listed
- ✓ Interchangeable brushed nickel, black and bronze trim rings available *(sold separately)*

Applications

- ✓ Kitchens & Pantries
- ✓ Laundry Rooms & Bathrooms
- ✓ Lobbies & Hallways
- ✓ Banquet Halls
- ✓ Elevators
- ✓ Retail lighting
- ✓ Restaurants
- ✓ Offices

Color Temperature: 2700K



Color Temperature: 3000K



Color Temperature: 4000K



3 COLOR TEMPERATURE LED THIN LINE DOWN LIGHTS

Designed for remodel and new construction, wet locations listed, Thin Line Downlights are a versatile and affordable choice for countless applications.

Finish

White

Trim Rings

Interchangeable brushed nickel, black and bronze trim rings available (sold separately).
For more info, see page 9.

Electrical

The driver is wired for 120V input

Lamping

Adjustable color temperature 2700K/3000K/4000K
Rated for 50,000 hrs., 80+ CRI

Certification

cETLus listed for wet location

Warranty

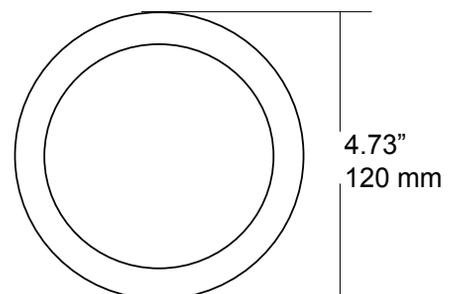
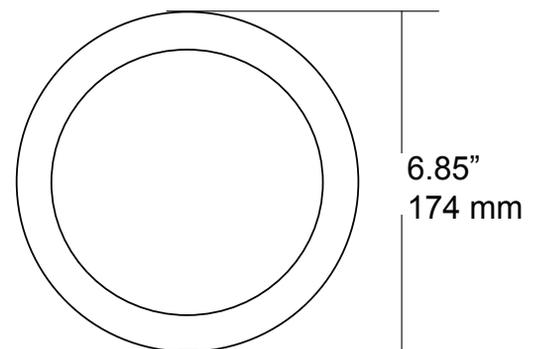
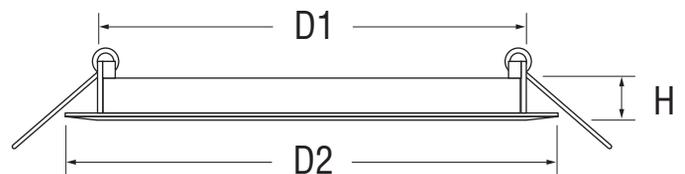
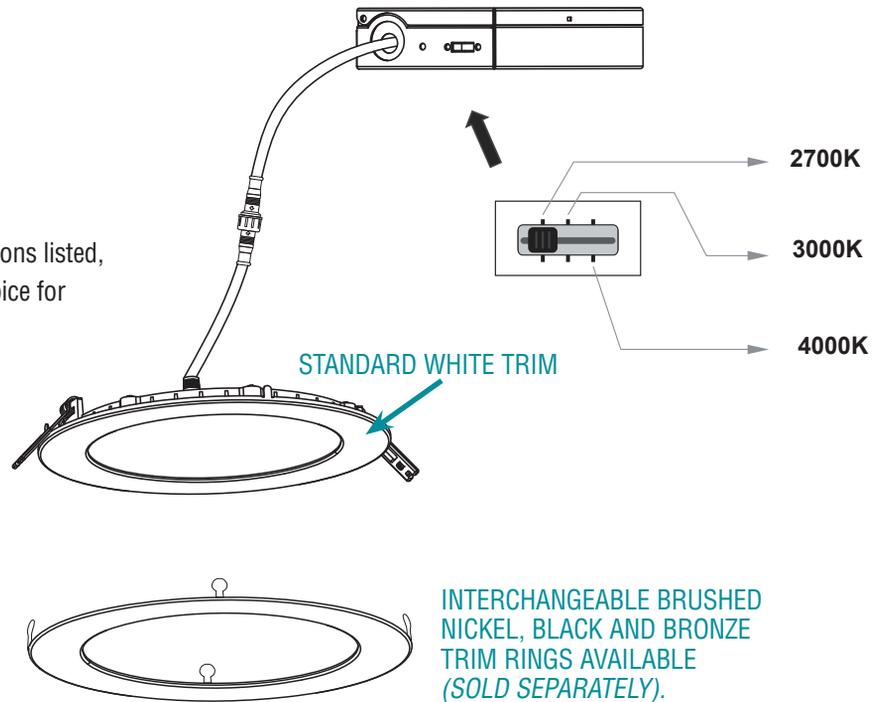
Limited warranty: This fixture is free from defects in materials and workmanship for a period of 5 years from date of purchase

NOTE: Each fixture ships with one constant current power supply.

SPECIFICATIONS

3 Color Temperature LED Thin Line Down Lights

| | 4 inch 3-Color Temperature LED Thin Line Down Light | 6 inch 3-Color Temperature LED Thin Line Down Light |
|-----------------------------------|---|---|
| Product Codes | LVLDL-04-CCT-WH-R-L3 | LVLDL-06-CCT-WH-R-L3 |
| Power Consumption (W) | 9W | 12W |
| Lumens | | |
| 2700K | 686 | 935 |
| 3000K | 728 | 975 |
| 4000K | 749 | 978 |
| Dimming | Yes | |
| Appearance Size D1 x D2 x H | 4.17" x 4.73" x 0.5" (106mm x 120mm x 13mm) | 6.14" x 6.85" x 0.5" (156mm x 174mm x 13mm) |
| Dimensions (J-Box) D1 x D2 x H | 5.1" x 3.5" x 1.3" (129.6mm x 89mm x 33mm) | 5.1" x 3.5" x 1.3" (129.6mm x 89mm x 33mm) |
| Installation Hole Size | 4.33" (110mm) | 6.54" (166mm) |
| Color Rendering Index | 80+ | |
| Input Voltage | 120V | |
| Color Temperature | 2700K 3000K 4000K | |
| Approved Location | Wet | |



LED SURFACE MOUNT DOWN LIGHTS

Product Description

LED Surface Mount Down Light is a low-profile downlight intended for ceiling mount applications. Features driver on board (DOB) technology, with no external driver needed. These flush mount LED ceiling lights mount directly into a 4" junction box. Ideal for general LED Lighting in residential and commercial applications.

Features

- ✓ Driver on Board Technology, provides a 120V alternating current source and eliminates the need for traditional LED driver
- ✓ Quick & easy to install on standard junction box, ceiling mount with mounting plate
- ✓ Die-cast aluminum housing
- ✓ Smooth and continuous dimming, dimmable with most standard dimmers
- ✓ Temperature rating: -20°C-40°C
- ✓ No light bulbs to replace or dispose
- ✓ Instant full brightness (including in sub-zero temperatures)
- ✓ 80+ CRI
- ✓ cETLus listed for wet locations
- ✓ Interchangeable brushed nickel, black and bronze trim rings available (*sold separately*)

Construction

Housing is made from die-cast aluminum
Matte white polycarbonate diffuser

Finish

White

Trim Rings

Interchangeable brushed nickel, black and bronze trim rings available (*sold separately*). For more info, see page 9.

Diffuser

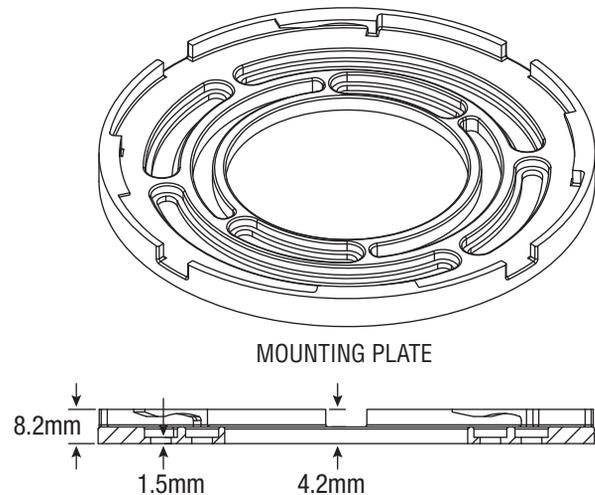
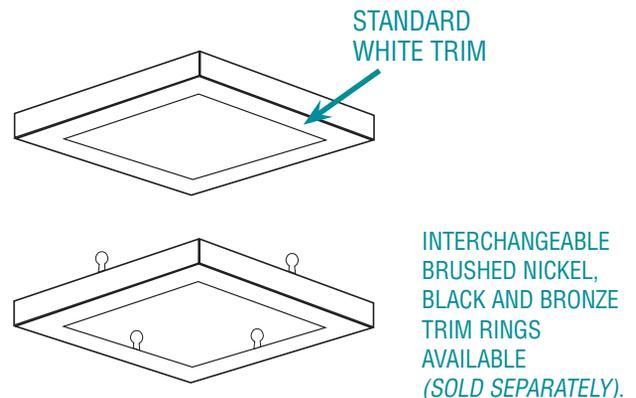
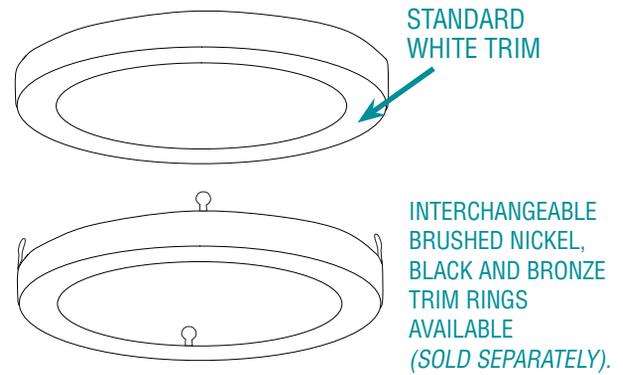
White polycarbonate diffuser

Electrical

This unit is wired for 120V operation
Dimmable with most standard dimmers

Lamping

LED's are 3000K-4000K non-replaceable
Rated for 50,000 hrs. 80+ CRI



Certification

Fixtures are cETLus listed for wet locations

Warranty

Limited warranty: This fixture is free from defects in materials and workmanship for a period of 5 years from date of purchase

Includes

- (1) Surface mount fixture
- (1) Mounting plate
- (3) Wire Nuts
- (1) Fitting instruction
- (2) Wood screws

*Specifications and dimensions subject to change without notice.

SPECIFICATIONS

Round LED Surface Mount Down Lights

| | 6 inch Round LED Surface Mount Down Light | 8 inch Round LED Surface Mount Down Light | 10 inch Round LED Surface Mount Down Light | 12 inch Round LED Surface Mount Down Light |
|---|---|---|--|--|
| Product Codes | LVLDL-SR-06-XX-WH-L | LVLDL-SR-08-XX-WH-L | LVLDL-SR-10-XX-WH-L | LVLDL-SR-12-XX-WH-L |
| LED Color | White | | | |
| Color Temperature CCT | Warm White 3000K, Neutral White 4000K | | | |
| Input Voltage | 120V | | | |
| Power Consumption (W) | 11 | 14 | 17 | 22 |
| Lumens: Warm White (WW) Neutral White (NW) | 880 900 | 1000 1050 | 1200 1250 | 1800 1850 |
| Luminous Efficacy (LPW): Warm White (WW) Neutral White (NW) | 80 82 | 71 75 | 70 73 | 82 84 |
| Color Rendering Index | >80 | | | |
| Dimmable | Yes | | | |
| Life Span (hours) | 50,000 hrs | | | |
| LEDs | Epistar | | | |
| Appearance Size | 6" D x 1" H (152mm D x 25mm H) | 8" D x 1" H (203mm D x 25mm H) | 10" D x 1" H (254mm D x 25mm H) | 12" D x 1" H (305mm D x 25mm H) |

Square LED Surface Mount Down Lights

| | 6 inch Square LED Surface Mount Down Light | 8 inch Square LED Surface Mount Down Light | 10 inch Square LED Surface Mount Down Light | 12 inch Square LED Surface Mount Down Light |
|---|--|--|---|---|
| Product Codes | LVLDL-SS-06-XX-WH-L | LVLDL-SS-08-XX-WH-L | LVLDL-SS-10-XX-WH-L | LVLDL-SS-12-XX-WH-L |
| LED Color | White | | | |
| Color Temperature CCT | Warm White 3000K, Neutral White 4000K | | | |
| Input Voltage | 120V | | | |
| Power Consumption (W) | 11 | 14 | 17 | 22 |
| Lumens: Warm White (WW) Neutral White (NW) | 880 900 | 1000 1050 | 1200 1250 | 1800 1850 |
| Luminous Efficacy (LPW): Warm White (WW) Neutral White (NW) | 80 82 | 71 75 | 70 73 | 82 84 |
| Color Rendering Index | >80 | | | |
| Dimmable | Yes | | | |
| Life Span (hours) | 50,000 hrs | | | |
| LEDs | Epistar | | | |
| Appearance Size | 6" W x 1" H (152mm W x 25mm H) | 8" W x 1" H (203mm W x 25mm H) | 10" W x 1" H (254mm W x 25mm H) | 12" W x 1" H (305mm W x 25mm H) |

XX = LED Color: WW-3000K, NW-4000K

TRIM AND BEAUTY RINGS

Beauty Rings For LED Thin Line Down Light Gen III



Used to cover gaps or cracks in the ceiling, caused by the removal of larger down lights.

| Size | Part Number |
|------|----------------|
| 3" | LVLDL-BR-3-L3 |
| 4" | LVLDL-BR-4-L3 |
| 6" | LVLDL-BR-6-L3 |
| 8" | LVLDL-BR-8-L3 |
| 10" | LVLDL-BR-10-L3 |

† White finish only.

Trim Rings For LED Thin Line Down Light Gen III



| Size | Part Number |
|------|-------------------|
| 3" | LVLDL-03-TR-XX-L3 |
| 4" | LVLDL-04-TR-XX-L3 |
| 6" | LVLDL-06-TR-XX-L3 |
| 8" | LVLDL-08-TR-XX-L3 |
| 10" | LVLDL-10-TR-XX-L3 |

† XX=Trim Color: Black (BK), Bronze (BZ), Brushed Nickel (BN)

Trim Rings For LED Thin Line Square Down Light Gen III



| Size | Part Number |
|------|--------------------|
| 4" | LVLDL-04S-TR-XX-L3 |
| 6" | LVLDL-06S-TR-XX-L3 |

† XX=Trim Color: Black (BK), Bronze (BZ), Brushed Nickel (BN).

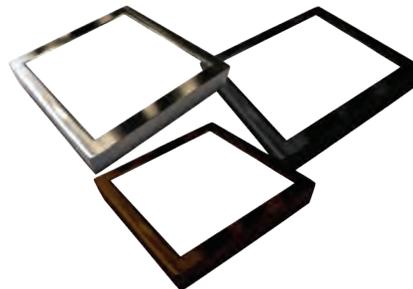
Trim Rings For Round LED Surface Mount Down Lights



| Size | Part Number |
|------|---------------------|
| 6" | LVLDL-SR-06-TR-XX-L |
| 8" | LVLDL-SR-08-TR-XX-L |
| 10" | LVLDL-SR-10-TR-XX-L |
| 12" | LVLDL-SR-12-TR-XX-L |

† XX=Trim Color: Black (BK), Bronze (BZ), Brushed Nickel (BN).

Trim Rings For Square LED Surface Mount Down Lights



| Size | Part Number |
|------|---------------------|
| 6" | LVLDL-SS-06-TR-XX-L |
| 8" | LVLDL-SS-08-TR-XX-L |
| 10" | LVLDL-SS-10-TR-XX-L |
| 12" | LVLDL-SS-12-TR-XX-L |

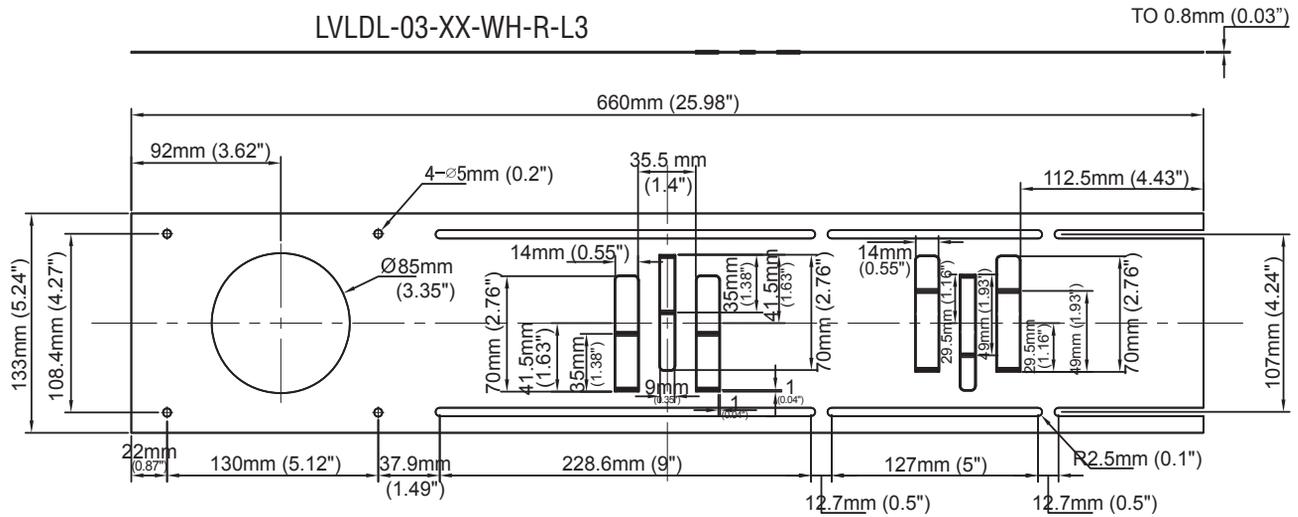
† XX=Trim Color: Black (BK), Bronze (BZ), Brushed Nickel (BN)

CONSTRUCTION PLATES

(OPTIONAL FOR NEW CONSTRUCTION)

LVLDL-CP-3-L3 could be used with:

LVLDL-03-XX-WH-R-L3

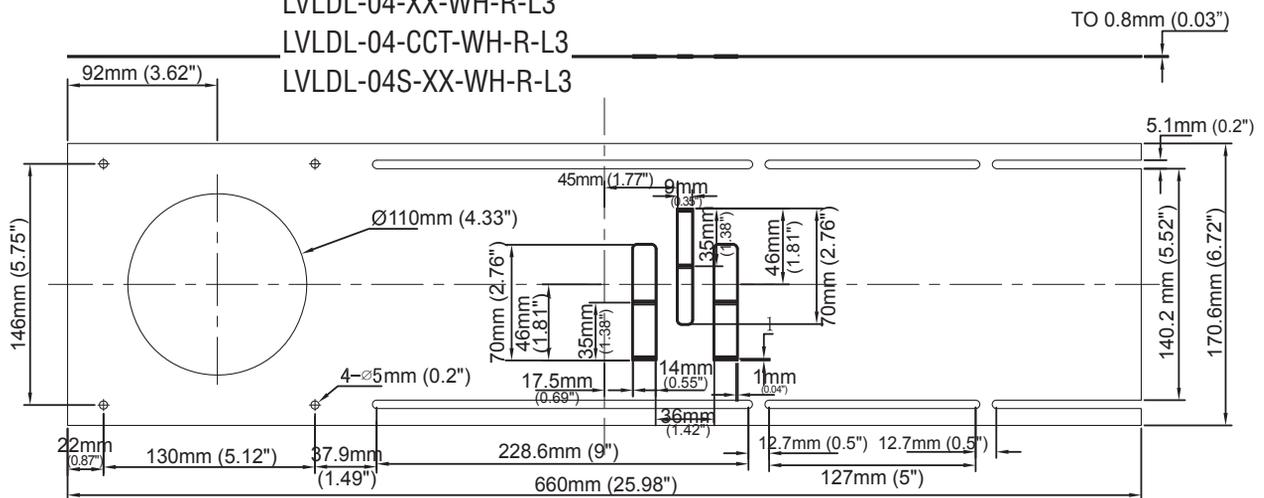


LVLDL-CP-4-L3 could be used with:

LVLDL-04-XX-WH-R-L3

LVLDL-04-CCT-WH-R-L3

LVLDL-04S-XX-WH-R-L3

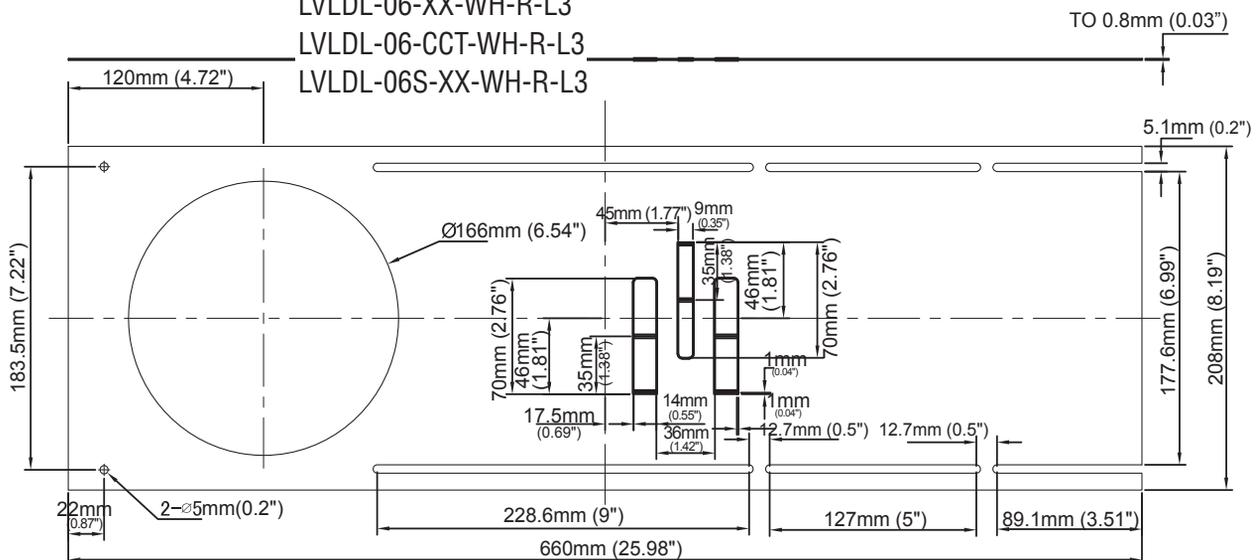


LVLDL-CP-6-L3 could be used with:

LVLDL-06-XX-WH-R-L3

LVLDL-06-CCT-WH-R-L3

LVLDL-06S-XX-WH-R-L3

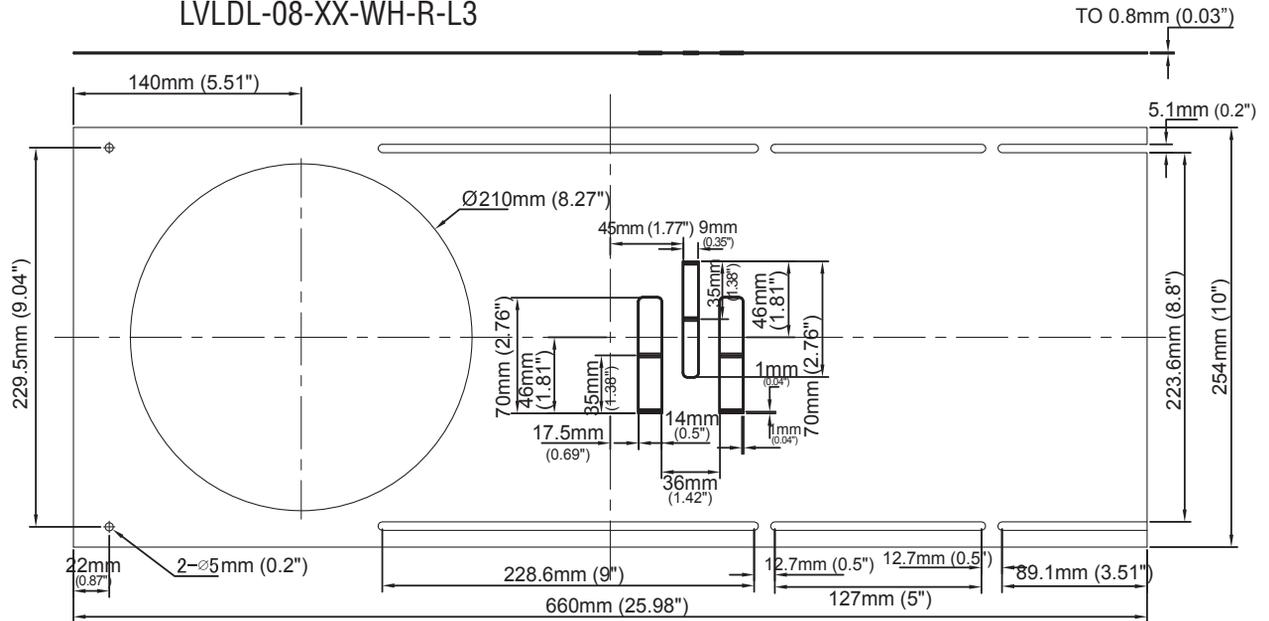


CONSTRUCTION PLATES

(OPTIONAL FOR NEW CONSTRUCTION)

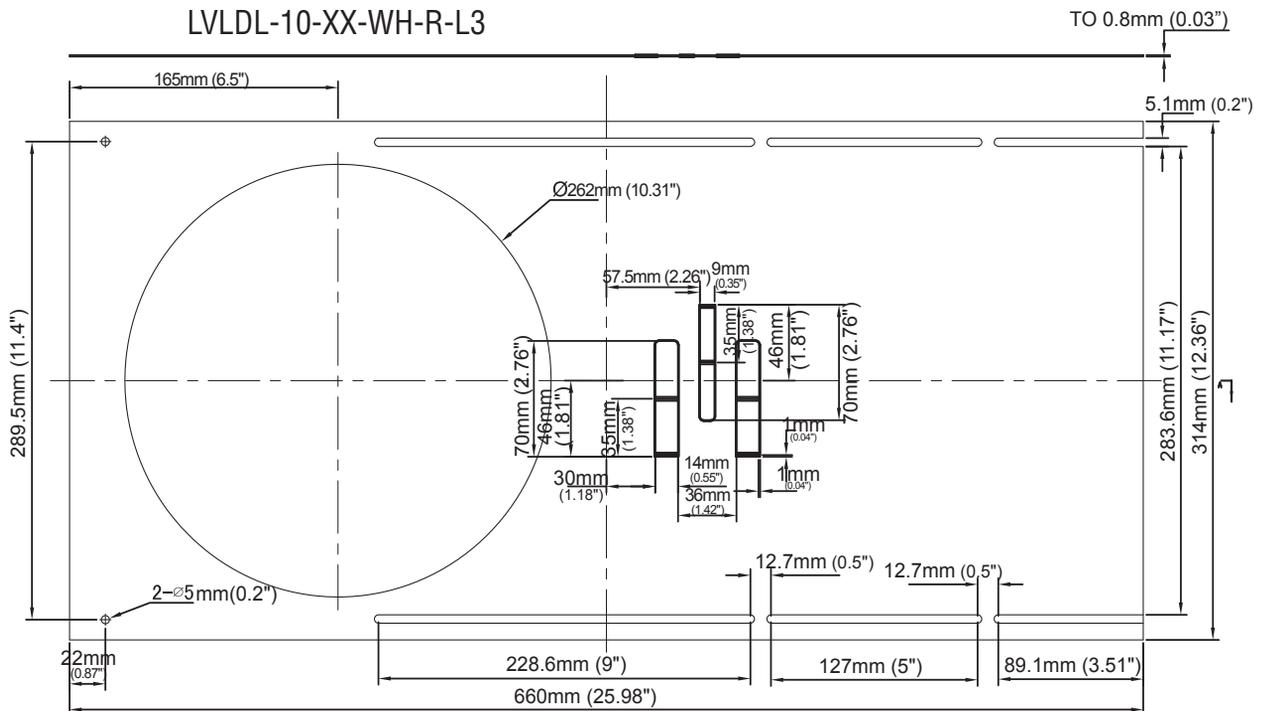
LVLDL-CP-8-L3 could be used with:

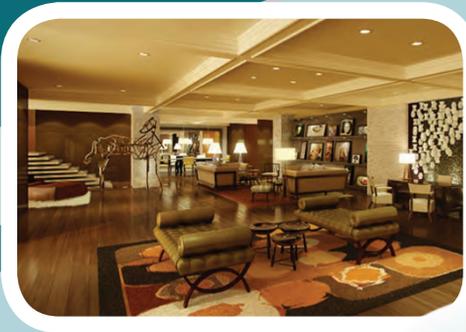
LVLDL-08-XX-WH-R-L3



LVLDL-CP-10-L3 could be used with:

LVLDL-10-XX-WH-R-L3





NATIONAL SPECIALTY LIGHTING

NSL

nslusa.com

2299 Kenmore Ave., Tonawanda, NY 14207

Tel: 303-926-1100 • Toll-Free: 1-800-527-2923 • Fax: 800-527-4358 • nslsales@nslusa.com