

THE COMPLETE LIGHTING SOLUTION | AN EEMA LIGHTING GROUP COMPANY

LITON

L I G H T I N G



GENERAL PURPOSE MINIATURE

RECESSED LED DOWNLIGHT/ STEP AND PATHWAY

2", 3", 4" | ROUND | SQUARE

MINIATURE ROUND DOWNLIGHT 2-inch 3-inch & 4-inch

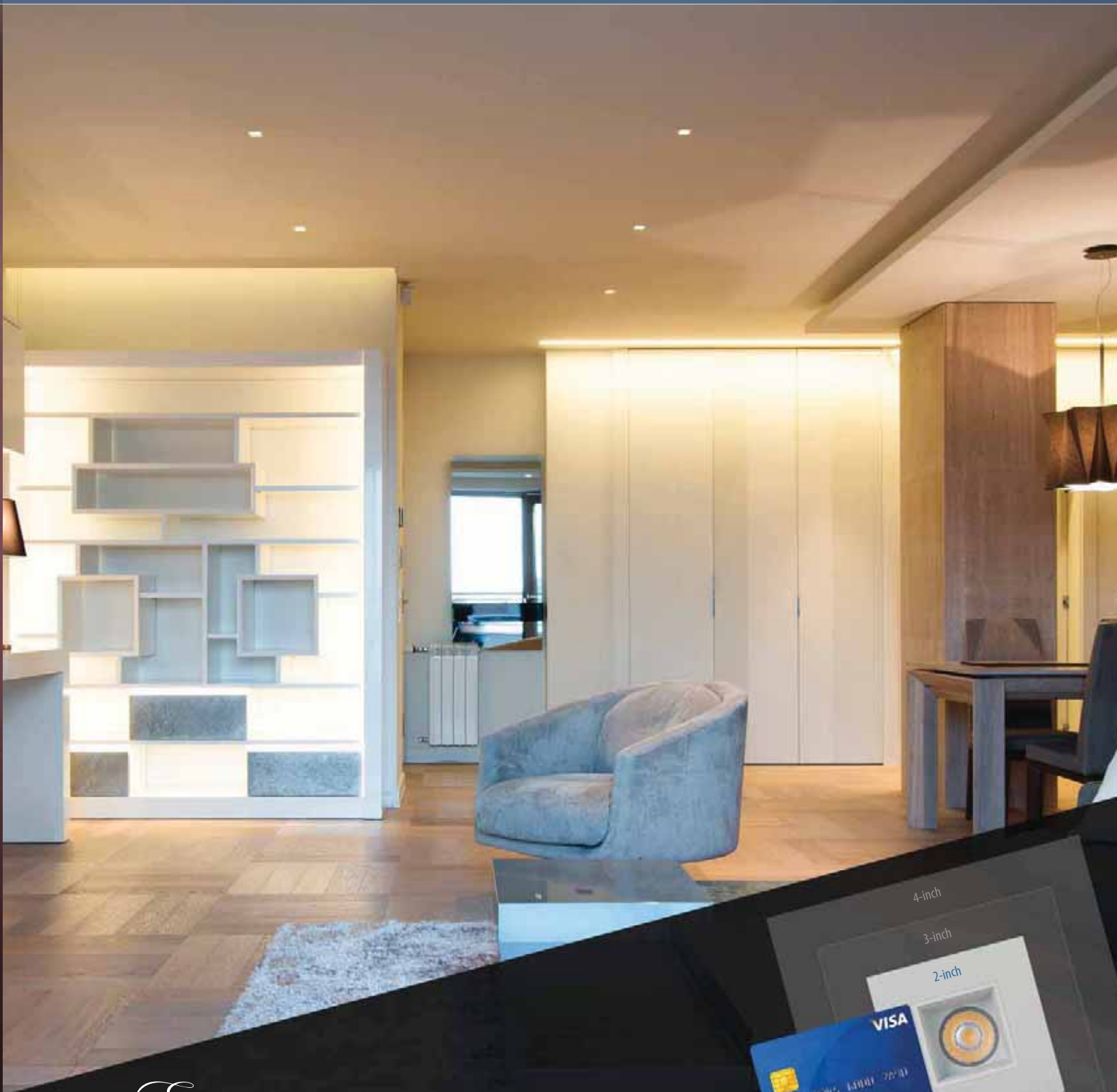
ROUND TRIMS | 120V INPUT 10W LED | 700 NOMINAL LUMEN



2-INCH, 3-INCH & 4-INCH MINIATURE **RECESSED DOWNLIGHT**
Stylish and visually pleasing for residential and commercial spaces.

2-inch 3-inch & 4-inch **MINIATURE SQUARE DOWNLIGHT**

SQUARE TRIMS | 120V INPUT 10W LED | 700 NOMINAL LUMEN

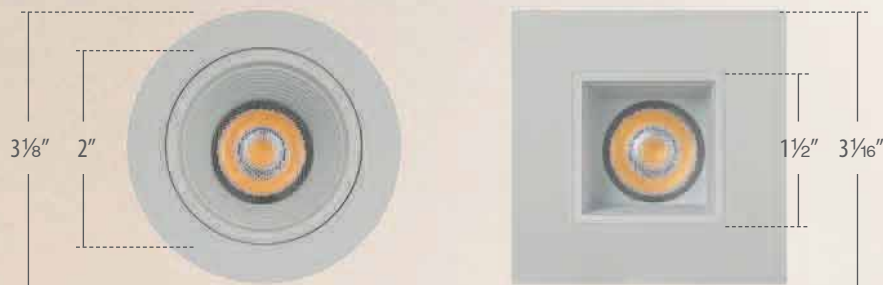


Enhancing the space without an overwhelming effect,
LITON's Miniature LED downlight series gives a clean,
yet effective and functional design element to any room.

MINIATURE TRIM APERTURE
(ACTUAL SIZE COMPARISON)

2" MINIATURE RECESSED TRIM

ROUND & SQUARE | 120V INPUT 10W/700LM LED | 2⁵/₈" CEILING CUT OUT



Application

This miniature LED housing is perfect for low to medium height ceilings in residential and light commercial applications. Its small aperture makes it ideal for strategic placement where space is limited and energy savings is important. A variety of trim styles, finishes, beam spreads and wattages are available to achieve a desired look and lumen output.



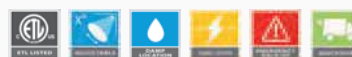
- 1 Dual Purpose housing is designed for New Construction and Remodel applications.
- 2 Pre-wired .05" baked enamel 1-piece drawn steel. Integral thermal protector to guard against improper lamping and installation. Trim is secured with internal ClickLok™ locking mechanism.
- 3 16gauge pre-wired galvanized steel Junction Box, 4 cubic-inch for a maximum of (8) #12 AWG wires. Furnished with (7) 3/4" and (4) Romex knock-outs. Strain clamps to install or remove covers for easy access and ground wire. Equipped w/safety standard fitting for flex-conduit.

- 4 Plaster frame kit supplied with (2) 24" adjustable hanger bars with 90° repositioning ability.

- 5 Hanger bars equipped with nail-less install and serrated barbed studs with captive nails for fast and easy mounting to wood joists or T-Bar Ceilings.

- 6 Set screws lock hanger bars in place and prevent shifting after installation.

- 7 5 1/2" minimum clearance above ceiling recommended for installation and maintenance access.



2" MINIATURE RECESSED TRIM

700 NOMINAL LUMEN | 90CRI | 2,700K | 3,000K | 120V INPUT 10W LED | 2⁵/₈" CEILING CUT OUT

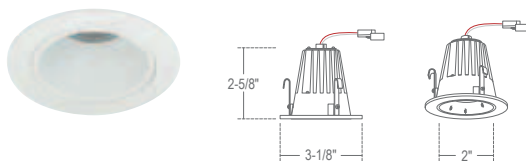
LRLD1221 SMOOTH REFLECTOR TRIM¹

FINISH

W: White

B: Black

N: Natural²



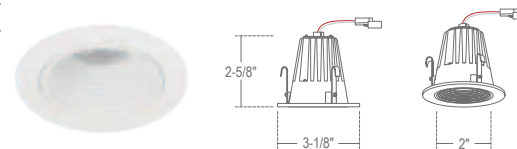
LRLD1293 BAFFLE TRIM

FINISH

W: White

B: Black

N: Natural²



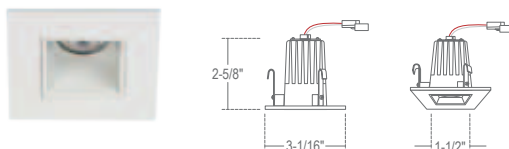
LRLDQ221 SQUARE REFLECTOR TRIM

FINISH

W: White

B: Black

N: Natural²



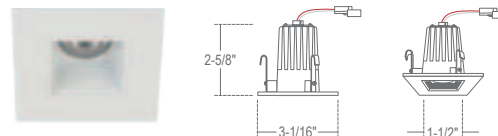
LRLDQ293 SQUARE BAFFLE TRIM

FINISH

W: White

B: Black

N: Natural²



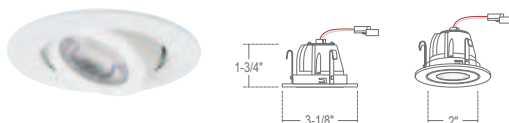
LRLD1288 ADJUSTABLE GIMBAL TRIM

FINISH

W: White

B: Black

N: Natural²



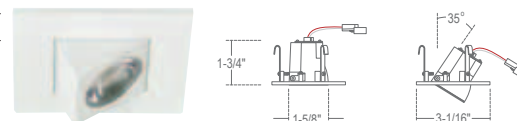
LRLDQ288 SQUARE ADJUSTABLE GIMBAL TRIM

FINISH

W: White

B: Black

N: Natural²



ORDERING MINIATURE 2" HOUSING & TRIM

HOUSING	LED	TRIM	FINISH
LHLD29C20: New Construction	Blank: 120V ELV, Incandescent Dimming	/LRLD1221 : Smooth Reflector	W: White
LHLD29C20-CHP: New Construction, Chicago Plenum		/LRLD1293 : Baffle	B: Black
LHLD2R9C20: Remodel		/LRLDQ221 : Square Reflector	N: Natural ²
LHLD2R9C20: Remodel		/LRLDQ293 : Square Baffle	
LHLD2RICA9C20: Remodel, IC Rated, Airtight		/LRLD1288 : Adjustable Gimbal	
		/LRLDQ288 : Adjustable Square Gimbal	

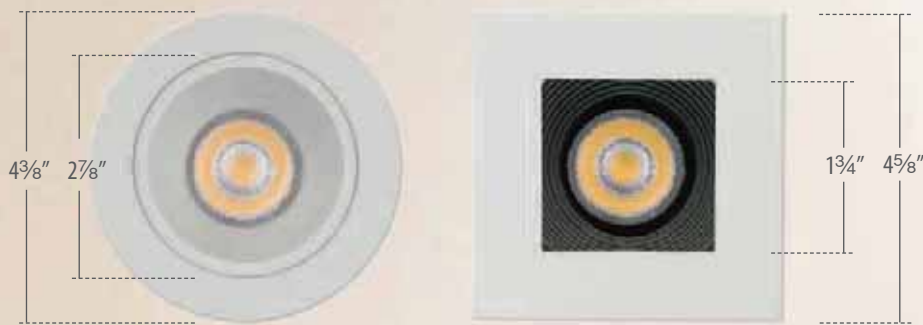
Example: LHLD2ICA9C20UE-DUN/LRLD1221W

¹LRLD1221 available in 2700K or 3000K.

²Special order

3" MINIATURE RECESSED DOWNLIGHT

ROUND & SQUARE | 120V INPUT 10W/700LM LED | 3⁵/₈" CEILING CUT OUT



Application

This miniature General Purpose LED housing is perfect for low to medium height ceilings in residential and light commercial applications. Its small aperture makes it ideal for strategic placement where space is limited and energy savings is important. A variety of trim styles, finishes, and beam spreads are available to achieve a desired look.



- 1 Pre-wired housing adjusts up to a 1¹/₄" ceiling thickness. Integral thermal protector to guard against improper lamping and installation. Trim is secured via positive retention friction clips.
- 2 LED heat sinked lamp module is replaceable via onboard quick exclusionary disconnect terminal. No tools required. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.
- 3 Electronic Direct Current UL Listed Driver is mounted in or on the J-box, away from the LED for cooler operation.

- 4 Pre-wired 16 gauge galvanized steel junction box, 32 cubic inches for maximum of (8) #12 AWG wires. Furnished with (7) 3/4" and (4) Romex knockouts. Strain clamps to install/remove covers for easy access.
- 5 Patented dual-layer housing is constructed of 20-gauge aluminum designed to maintain the continuity of fire-rated ceiling assemblies, subject to L500.
- 6 Round and Square trim style(s) available.



3" MINIATURE RECESSED DOWNLIGHT

REFLECTOR | BAFFLE | ROUND/SQUARE PINHOLE | DECO GLASS | LENSED | GIMBAL

The 3" Miniature LED Recessed Downlight is ideal for strategic placement in spaces best suited for small aperture downlights.

BENEFITS



- Designed for spaces that benefit from small apertures
- ELV/Incandescent dimming option
- 120V/277V input option

- Patented 3-Stage Fire Resistant Technology (LHFRD39C20)
- Up to 700lm delivered, 90CRI standard
- Square design fits round aperture housing frame (LRSQD1319)

HOUSING ORDERING

Example: **LRLD1321N-B40-T35**

HOUSING	DRIVER	OPTION
LHLD39C20: 10W New Construction	Blank: 120V ELV/Triac Dimming	Blank: None
LHLD3R9C20: 10W Remodel	UE-DUN: 0-10V/ELV/Triac Dimming J51	-EM: Emergency Back Up*
LHFRD39C20: 10W Fire Rated		

*Above ceiling access required for EM option.

LED TRIM ORDERING

Example: **: LRLD1321N-B40-T35**

TRIM STYLE	TRIM FINISH	GLASS COLOR	BEAM SPREAD	LED	OPTION
LRLD1321: Reflector 700lm 	W: All White B: Black Reflector/White Ring C: Clear Reflector/White Ring SN: Satin Reflector/Natural Ring N: All Natural CO: All Copper	Not Applicable	-B25: 25° Narrow Flood -B40: 40° Flood -B60: 60° Wide Flood	Blank: 3000K (90CRI) -T27: 2700K (90CRI) -T35: 3500K (90CRI) -T40: 4000K (90CRI)	Not Applicable
LRLD1393: Baffle 700lm 	W: All White B: Black Baffle/White Ring N: All Natural CO: All Copper MO: All Mocha	Not Applicable	-B25: 25° Narrow Flood -B40: 40° Flood -B60: 60° Wide Flood	Blank: 3000K (90CRI) -T27: 2700K (90CRI) -T35: 3500K (90CRI) -T40: 4000K (90CRI)	Not Applicable
LRLD1319: Pinhole 500lm 	BB: All White BW: Black Reflector/White Ring BN: Black Reflector/Natural Ring BCO: Black Reflector/Copper Ring BMO: Black Reflector/Mocha Ring	Not Applicable	Not Applicable	Blank: 3000K (90CRI) -T27: 2700K (90CRI) -T35: 3500K (90CRI) -T40: 4000K (90CRI)	Blank: None -WL: Wet Location
LRSQD1319: Sq. Pinhole Baffle 600lm 	BW: Black Baffle/White Ring BB: All Black BC: Black Baffle/Chrome Ring BN: Black Baffle/Natural Ring BMO: Black Baffle/Mocha Ring	Not Applicable	Not Applicable	Blank: 3000K (90CRI) -T27: 2700K (90CRI) -T35: 3500K (90CRI) -T40: 4000K (90CRI)	Not Applicable
LRLD1356: Deco Glass 700lm 	W: All White	-BL: Blue Glass -FR: Frosted Glass	-B25: 25° Narrow Flood -B40: 40° Flood -B60: 60° Wide Flood	Blank: 3000K (90CRI) -T27: 2700K (90CRI) -T35: 3500K (90CRI) -T40: 4000K (90CRI)	Not Applicable
LRLD1342: Glass Dome 500lm 	W: White Ring/Frosted Glass C: Clear Ring/Frosted Glass N: Natural Ring/Frosted Glass	Not Applicable	Not Applicable	Blank: 3000K (90CRI) -T27: 2700K (90CRI) -T35: 3500K (90CRI) -T40: 4000K (90CRI)	Not Applicable
LRLD1388: Gimbal 700lm 	W: White B: Black N: Natural	Not Applicable	-B25: 25° Narrow Flood -B40: 40° Flood -B60: 60° Wide Flood	Blank: 3000K (90CRI) -T27: 2700K (90CRI) -T35: 3500K (90CRI) -T40: 4000K (90CRI)	Not Applicable

4" MINIATURE RECESSED DOWNLIGHT

ROUND & SQUARE | 120V INPUT 10W/700LM LED | 4½" CEILING CUT OUT



Application

This miniature General Purpose LED housing is perfect for low to medium height ceilings in residential and light commercial applications. Its small aperture makes it ideal for strategic placement where space is limited and energy savings is important. A variety of trim styles, finishes, and beam spreads are available to achieve a desired look.



- 1 Pre-wired housing adjusts up to a 1¼" ceiling thickness. Integral thermal protector to guard against improper lamping and installation. Trim is secured via positive retention friction clips.
- 2 LED heat sinked lamp module is replaceable via onboard quick exclusionary disconnect terminal. No tools required. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.
- 3 Electronic Direct Current UL Listed Driver is mounted in or on the J-box, away from the LED for cooler operation.

- 4 Pre-wired 16 gauge galvanized steel junction box, 32 cubic inches for maximum of (8) #12 AWG wires. Furnished with (7) ¾" and (4) Romex knockouts. Strain clamps to install/remove covers for easy access.
- 5 Patented dual-layer housing is constructed of 20-gauge aluminum designed to maintain the continuity of fire-rated ceiling assemblies, subject to L500.
- 6 Round and Square trim style(s) available.



4" MINIATURE RECESSED DOWNLIGHT

REFLECTOR | ADJUSTABLE SLOT | PINHOLE | FROSTED GLASS LENSED | ADJUSTABLE SQUARE

The 4" Miniature LED Recessed Downlight is ideal for strategic placement in spaces best suited for small aperture downlights. Its small aperture makes it ideal for strategic placement where space is limited and energy savings is important. The driver has been mounted on an external J-Box for a cooler LED operation.

BENEFITS



- Designed for spaces that benefit from small aperture
- ELV/Incandescent Dimming option
- 120V/277V input option
- Patented 3-Stage Fire Resistant Technology (LHFRD49C20)
- Up to 700Lm delivered, 90CRI standard
- Square design fits round aperture housing frame (LRSQD1419)

HOUSING ORDERING

Example: **LHLD49C20UE-DUN-EM**

HOUSING	DRIVER	OPTION
LHLD49C20: 10W New Construction	Blank: 120V ELV/Triac Dimming	Blank: None
LHLD49C20: 10W Remodel	UE-DUN: 120V-277V (0-10V ELV/Triac Dimming)	-EM: Emergency Back Up*
LHFRD49C20: 10W Fire Rated		

*Above ceiling access required for EM option.

LED TRIM ORDERING

Example: **LRLD1321N-B40-T35**

TRIM STYLE	TRIM FINISH	BEAM SPREAD	TRIM STYLE	TRIM FINISH	BEAM/GLASS OPTION
LRLD1321: Reflector 700lm 	W: All White B: Black Reflector/White Ring C: Clear Reflector/White Ring SN: Satin Reflector/Natural Ring N: All Natural CO: All Copper	-B25: 25° Narrow Flood -B40: 40° Flood -B60: 60° Wide Flood	LRLD1471: Adjustable 700lm 	W: All White BB: All Black N: All Natural BN: Black Reflector/Natural Ring C: Clear Reflector/White Ring SN: Satin Reflector/Natural Ring	-B45: 45° Flood -B60: 60° Wide Flood
• All die-cast construction • Singular diode no multiple LEDs			• Small aperture for hard to light spaces • Die-cast construction		
LRLD1422: Lensed 480lm 	W: White B: Black Reflector/White Ring N: Natural CO: Copper MO: Mocha PW: White (Dead Front Non-Conductive Plastic)	Not Applicable	LRLD1401: Lensed 625lm 	W: All White C: Clear Reflector/White Ring S: Satin Haze Reflector/White Ring	-CF: Center Frost -CL: Clear -FR: Full Frost -OF: Outer Frost
• All die-cast construction • Damp location with (-WL) Wet Location option			• Multiple glass options • Damp location with (-WL) Wet Location option		
LRLD1419: Pinhole w/ Phenolic Baffle 500lm 	W: All White B: Black Baffle/White Ring BB: All Black MO: All Mocha	Not Applicable	LRLD1493: Baffle 700lm 	B: Black CO: Copper N: Natural W: White	-B45: 45° Flood -B60: 60° Wide Flood
• All die-cast construction • Up to 500lm delivered!			• Excellent lumen cutoff • Die-cast construction		
LRLD1420: Adj. Slot 550lm 	W: All White	Not Applicable	LRLD1467: Pull Down 700lm 	N: Natural W: White	-B45: 45° Flood -B60: 60° Wide Flood
• All die-cast construction • Singular diode LED			• Precision aiming • Die-cast construction		
LRSQD1419: Square 700lm 	WW: White Reflector/White Ring BB: Black Reflector/Black Ring BW: Black Reflector/White Ring BC: Black Reflector/Chrome Ring WC: White Reflector/Chrome Ring	-B45: 45° Flood -B60: 60° Wide Flood			
• All die-cast construction • Singular diode LED					

4 trims are available in the following color temperatures:

Blank: 3000K (90 CRI), **-T27:** 2700K (90 CRI), **-T35:** 3500K (90 CRI), **-T40:** 4000K (90 CRI)

MINIATURE STEP AND PATHWAY LIGHTING



240 LUMENS

BENEFITS

- No-Screw Faceplate for a clean modern look.
- 120V direct wiring. No remote driver required.
- ELV dimming is standard. Dims to 10%
- Energy Efficient: 3.5W delivers 240Lm

Note:

There are many other options available, consult website for non Quick-Ship items.

VERTICAL OPEN LENS

LSLD00** (120V)

FINISH

W : All White
B : All Black

LED

Blank : 3000K



Vertical Open Lens Step Light

VERTICAL LOUVER

LSLD73** (120V)

FINISH

WW : All White
BB : All Black

LED

Blank : 3000K



Vertical Louver Step Light

OPEN LENS ROUND*

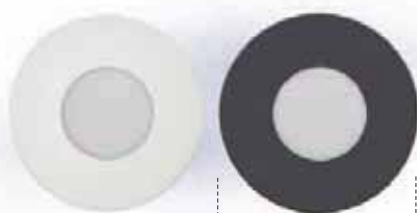
LSLDR00** (120V)

FINISH

W : All White
B : All Black

LED

Blank : 3000K



Open Lens Round Step Light

ROUND LOUVER*

LSLDR73** (120V)

FINISH

WW : All White
BB : All Black

LED

Blank : 3000K



Round Louver Step Light

* Round Models offer Optional Mounting Bracket for cement pour, retrofit and joist mount. (LSLDR-BRKT) ** Dimmable with Triac, Reverse Phase, Forward Phase, ELV or Incandescent Dimming



MINIATURE STEP AND PATHWAY LED LIGHTING

4 SLEEK SHAPES



APPLICATION

LITON LED Step and Pathway lights are an energy efficient solution for lighting interior pathways, aisles and low-level points of egress in residential and commercial applications.

Perfect for improving safety on stairways, ramps and other dimly lit areas.

PRODUCT BENEFITS

- 4 stylish trim options: vertical, horizontal, round, open lens and louvered.
- High quality, die-cast step lights feature a 'no-screw' faceplate for a sleek, modern appearance.
- Energy Efficient: 3.5 watts delivers 240Lm
- Easy to install, direct 120V wiring, no remote drivers
- Mounts to standard 4" J-box. ELV dimming standard.





2-INCH MINI RECESSED LED
3-INCH MINI RECESSED LED
4-INCH MINI RECESSED LED
INSULATED CEILING (IC)
NEW CONSTRUCTION
REMODEL HOUSINGS
MINIATURE STEP LIGHTS

HAVE YOU SEEN OUR **NEW** AND **IMPROVED** WEBSITE?



PLEASE VISIT US AT **liton.eemagroup.com**