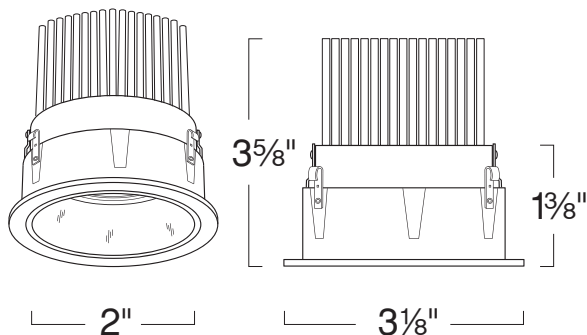


LR2LH21 - 2" 13W/1,300LM LED REFLECTOR

2" MINI-ARC LED



SPECIFICATION

13W LED

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

Gasket: Supplied with gasket to prevent light leakage and unsightly heat streaks on ceiling surface.

Mounting: Steel pressure springs mounted on trim to ensure positive retention inside housing.

Warm Dimming: With this new technology, you can create the warm glow of traditional incandescent dimming while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 3050K when at full-brightness and smoothly dim down to 5% level with the warm glow of 1850K using dimming option the frame-in kit.

Power Connection: LED lamp array is replaceable via on board quick disconnect terminal. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

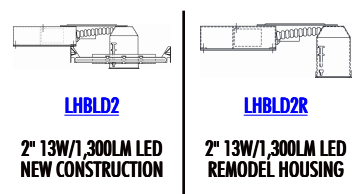
Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Color Temperature: Comes standard with 3,000K Warm White LEDs binned to 3 step MacAdam ellipses within the ANSI C78 377A standard for color temperature and chromaticity ranges light binning allowance. Available with other color temperatures with ANSI binning of 2,700K, 3,500K & 4,000K. To order use "-T" Suffix followed by color temperature. Example 4000K= T40. Consult factory as extended lead times and minimum order quantities apply.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Safety Labels: ETL/cETL listed. Suitable for dry, damp and wet locations. NYC approved: Calendar #41937.

COMPATIBILITY



Note: Wattage limitations on compatible items must be met.

FINISH: Available in Clear Reflector/White Ring, All Copper, Satin Reflector/Natural Ring, All White and Black Reflector/White Ring.

BEAM SPREAD: Available in Spot°, 45° Narrow Flood and 60° Wide Flood.

LED: Available in 3000K, 3000K, 97CRI**, 1700K*, 2500K*, 2700K, 2700K,90+CRI, 2700K, 97CRI**, 1850K-2700K Warm Dim, 3500K and 4000K.

Label: cETL Listed

Made in USA

LED Details:
13W 1300+ Lumen Package
Color Rendering Index (CRI): 80
Color Temperature: 3,000K

Benefit:

- New High Output 13W LED
- LED binned to within 3-Step MacAdam Ellipses (SDCM)
- Specification grade 90CRI Option
- Available Wet Location option
- Warm Dimming option (Incandescent-like dimming)

FEATURE:



ORDERING EXAMPLE : LR2LH21 C-L13-TWD

LR2LH21	FINISH	BEAM SPREAD	LED	OPTIONS
LR2LH21	B-L13 :Black Reflector/White Ring	Blank :45° Narrow Flood	Blank :3000K	Blank :None
	C-L13 :Clear Reflector/White Ring	-B25 :Spot°	-C97 :3000K, 97CRI**	-WL :Wet Locc
	CO-L13 :All Copper	-B60 :60° Wide Flood	-T17 :1700K*	
	SN-L13 :Satin Reflector/Natural Ring		-T25 :2500K*	
	W-L13 :All White		-T27 :2700K	
			-T27-C90 :2700K,90+CRI	
			-T27-C97 :2700K, 97CRI**	
			-T35 :3500K	
			-TWD :1850K-2700K Warm Dim	
			-T40 :4000K	

* Extended Lead Time may apply. Consult Factory.

**Only available in 2700K and 3000K.

ID #: 2959



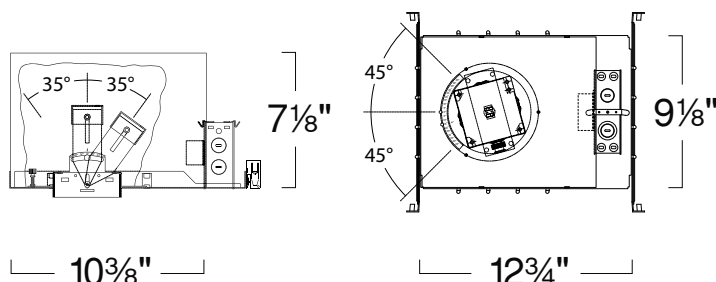
Tel: 323.904.0200

Product specifications subject to change without notice.

www.liton.com



LHQLD3 - 3" 12W/600LM & 19W/1,200LM MINI-ARC SQUARE LED HOUSING (DIMMABLE) 3" 12W/19W LED SQUARE DOWNLIGHTS



SPECIFICATION

12W/19W

Application: Mini-Arc² Phantom 3" Square LED Downlight Housings are designed for low to medium ceiling heights in retail, hospitality, commercial and high-end residential applications. Advanced 'hot-aiming' mechanism allows precise and lockable positioning of the square trim prior to drywall or ceiling panel installation. Post installation adjustment of the beam tilt is possible from below the fixture. Housing works with standard 3" Square trims and 3" Square 'Trimless' trims

Adjustability: Collar bracket provides 90° of rotation, marked in 5° increments for positioning before drywall installation. Lamp holder assembly allows 35° tilt and 1-1/2" vertical lamp source adjustment.

Housing: Collar bracket adjusts for 1/2" to 1" ceiling thickness. Integral thermal protector guards against improper installation. Trim is secured with 4 torsion spring clips.

Warm Dimming: With this new technology, you can create the warm glow of traditional incandescent dimming while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 2700K when at full-brightness and smoothly dim down to 5% level with the warm glow of 1850K using dimming option the frame-in kit.

Mounting: Housing suitable for new construction installations only, supplied with (2) 24" adjustable hanger bars with 90 degrees repositioning ability. Hanger bars equipped with nail-less install 3/4" serrated barbed studs and with captive nails, for faster and easier secure mounting in wood joists. Set-screws lock into position and prevent shifting after installation. Earthquake structural cable compatible for drop panel ceiling or any other mounting that requires direct support from structural ceilings.

Driver: Electronic Direct Current LED driver integrally mounted in electric junction box.

Dimming: 0-10V dimming option (-D10) works with most 5-Wire 0-10V dimmers. UniDim™ (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Power Connection: LED lamp array is replaceable via on board quick disconnect terminal. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Junction Box : 16 gauge pre-wired galvanized steel Junction Box, 32 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 with safety standard fitting for flex-conduit.

COMPATIBILITY

 LRQ371 SQUARE LENSED WALL WASH/SLOPED	 LRXQ321 SQUARE TRIMLESS OPEN REFLECTOR	 LRQ372 SQUARE OPEN WALL WASH
 LRXQ371 SQUARE TRIMLESS LENSED WALL WASH/SLOPED	 LRXQ372 SQUARE TRIMLESS LED OPEN WALL WASH	 LRXQ371 SQUARE TRIMLESS LED LENSED WALL WASH/SLOPED
 LRQ321 SQUARE OPEN REFLECTOR	 LRXQ302 SQUARE TRIMLESS LENSED REFLECTOR	 LRXQ372 SQUARE TRIMLESS OPEN WALL WASH
 LRQ302 SQUARE LENSED REFLECTOR	 LRQ371 LED SQUARE LENSED WALL WASH	 LRXQ302 SQUARE TRIMLESS LED LENSED REFLECTOR

Please see website for more compatible items.

FEATURE:



Insulation Contact: Energy Efficient LED housing comes standard with Insulation Contact. Please see website for more compatible items. **ORDERING INFO:** Please contact with local distributor and retailer for more information. **Insulation:** Only for 12W.

LHQLD3	WATTAGE	OPTIONS	BEAM SPREAD	LED
LHQLD3	12C35 :12W	Blank :120V Non-Dimming	Blank :45° Narrow Flood	Blank :3000K
	19C70 :19W*	UE :120V/277V	-B25 :Spot++	-T27 :2700K+++
		UE-D10 :120V/277V 0-10V**	-B60 :60° Wide Flood	-T27-C90 :2700K 90+ CRI+++
		UE-DUN :120V-277V UniDim™		-T35 :3500K+++
		-DIN :120V Incandescent Dimming		-T40 :4000K+++
		-EM :Remote 5W Emergency+		-TWD :1850K-2700K Warm Dimm
		-347-D10 :0-10V 10% Dimming		

* Not rated for Insulation Contact.

**Only for 12W.

+Above ceiling access required for EM option.

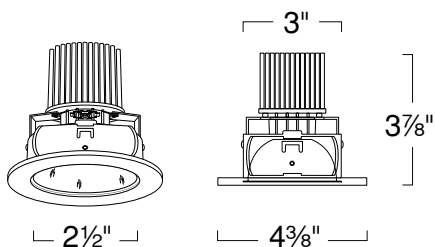
++Extended lead time may apply. Consult Factory.

Beam options not available for lensed trims.

+++Extended lead time may apply for quantities over 100

LR3LH21 - LED 12W GLARE-FREE REFLECTOR

3" 12W MINI-ARC LED



Also available in 6W version, consult factory.

SPECIFICATION

12W Max LED

Application: High-output miniature architectural-grade LED reflector trim for commercial and high-end residential installations. Designed for low to medium height ceilings. Trim ring constructed of heavy-duty die-cast aluminum.

Optics: Interchangeable optics allow polycarbonate lens to be changed in the field to modify beam spread. No tools required."

Gasket: Supplied with gasket to prevent light leakage and unsightly heat streaks on ceiling surface.

Mounting: Steel pressure springs mounted on trim to ensure positive retention inside housing.

Warm Dimming: With this new technology, you can create the warm glow of traditional incandescent dimming while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 2700K when at full-brightness and smoothly dim down to 5% level with the warm glow of 1850K using dimming option the frame-in kit.

Power Connection: LED lamp array is replaceable via on board quick disconnect terminal. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

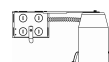
Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Reflector Finish: Available in Frosted Clear, White and Black .

Ring Finish: Available in White, Black , Natural, Copper and Mocha.

Beam Spread: Available in 45° Narrow Flood, Spot* and 60° Wide Flood.

COMPATIBILITY



LHBLD3R
3" 12W/600LM
REMODEL LED
HOUSING



LHJLD3
3" 12W/600LM MINI-
ARC LED HOUSING

Note: Wattage limitations on compatible items must be met.

LED: Available in 3000K, 3000K, 97CRI**, 1700K*, 2500K*, 2700K, 2700K 90+CRI, 2700K, 97CRI**, 3500K, 4000K and 1850K-2700K Warm Dimming. LEDs binned to within 3-Step MacAdam Ellipses (SDCM) and surpasses the ANSI C78 377A standard for color deviation.

Label: cETL Listed

Made in USA

LED Details:

12W 650 + Lumen Package

Color Rendering Index (CRI): 80

Color Temperature: 3,000K

Lamp Equivalents: 75W A19, 50W PAR20 FL, 50W MR16 FL

Benefit:

- New High Output 12W LED
- LED binned to within 3-Step MacAdam Ellipses (SDCM)
- Specification grade 90CRI Option
- Singular Optic LED
- Optics changeable in the field
- Illuminates like 50W MR16
- Warm Dimming option (Incandescent-like dimming)

FEATURE:



ORDERING EXAMPLE : LR3LH21 BB

LR3LH21	REFLECTOR FINISH	RING FINISH	BEAM SPREAD	LED
LR3LH21	Blank :Frosted Clear	W :White	Blank :45° Narrow Flood	Blank :3000K
	W :White	B :Black	-B25 :Spot*	-C97 :3000K, 97CRI**
	B :Black	N :Natural	-B60 :60° Wide Flood	-T17 :1700K*
		CO :Copper		-T25 :2500K*
		MO :Mocha		-T27 :2700K
				-T27-C90 :2700K 90+CRI
				-T27-C97 :2700K, 97CRI**
				-T35 :3500K
				-T40 :4000K
				-TWD :1850K-2700K Warm Dimming

* Extended Lead Time may apply. Consult Factory.

**Only available in 2700K and 3000K.

ID #: 2630



Tel: 323.904.0200

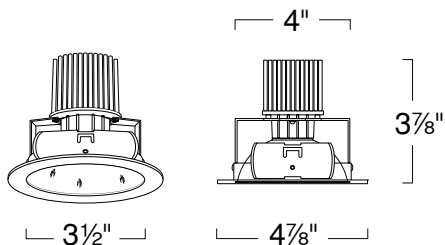
Product specifications subject to change without notice.

www.liton.com



LR4LH21 - LED 12W REFLECTOR DOWNLIGHT

4" 12W MINI-ARC LED



Also available in 6W version, consult factory.



SPECIFICATION

12W Max LED

Application: High-output miniature architectural-grade LED reflector trim for commercial and high-end residential installations. Designed for low to medium height ceilings. Trim ring constructed of heavy-duty die-cast aluminum.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Warm Dimming: With this new technology, you can create the warm glow of traditional incandescent dimming while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 2700K when at full-brightness and smoothly dim down to 5% level with the warm glow of 1850K using dimming option the frame-in kit.

Mounting: Steel pressure springs mounted on trim to ensure positive retention inside housing.

Power Connection: LED lamp array is replaceable via on board quick disconnect terminal. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Reflector Finish: Available in All White, All Black, All Natural Metal and Satin Haze Reflector/White Ring.

Beam Spread: Available in 45° Narrow Flood, Spot* and 60° Wide Flood.

LED: Available in 3000K, 3000K, 97CRI**, 1700K*, 2500K*, 2700K, 2700K 90+ CRI, 2700K, 97CRI**, 3500K, 4000K and 1850K-2700K Warm Dimming. LEDs binned to within 3-Step MacAdam Ellipses (SDCM) and surpasses the ANSI C78 377A standard for color deviation.

Label: cETL Listed

Made in USA

COMPATIBILITY



LHJLD4

4" 12W LED HOUSING



LHBLD4R

4" 12W REMODEL LED HOUSING

Note: Wattage limitations on compatible items must be met.

LED Details:

12W 650 + Lumen Package

Color Rendering Index (CRI): 80

Color Temperature: 3,000K

Lamp Equivalents: 75W A19, 50W PAR20 FL, 50W MR16 FL

Benefit:

- New High Output 12W LED
- LED binned to within 3-Step MacAdam Ellipses (SDCM)
- Specification grade 90CRI Option
- Singular Optic LED
- Illuminates like 50W MR16
- Warm Dimming option (Incandescent-like dimming)

FEATURE:



ORDERING EXAMPLE : LR4LH21N-B25-T40

LR4LH21	REFLECTOR FINISH	BEAM SPREAD	LED
LR4LH21	W :All White	Blank :45° Narrow Flood	Blank :3000K
	BB :All Black	-B25 :Spot*	-C97 :3000K, 97CRI**
	N :All Natural Metal	-B60 :60° Wide Flood	-T17 :1700K*
	SW :Satin Haze Reflector/White Ring		-T25 :2500K*
			-T27 :2700K
			-T27-C90 :2700K 90+ CRI
			-T27-C97 :2700K, 97CRI**
			-T35 :3500K
			-T40 :4000K
			-TWD :1850K-2700K Warm Dimming

* Extended Lead Time may apply. Consult Factory.

**Only available in 2700K and 3000K.

ID#: 2634



Tel: 323.904.0200

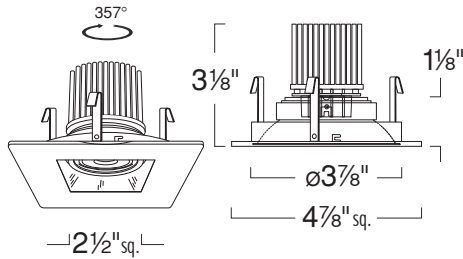
Product specifications subject to change without notice.

www.liton.com



LR4LHQ21 - LED 12W SQUARE REFLECTOR DOWNLIGHT

4" 12W MINI-ARC LED



Also available in 6W version, consult factory.

SPECIFICATION

12 Max LED

Application: High output miniature architectural-grade Square LED trim is designed for low to medium ceiling heights in retail, commercial and high-end residential applications that benefit from linearity and symmetry in design.

Optics: Interchangeable optics allow polycarbonate lens to be changed in the field to modify beam spread. No tools required."

Warm Dimming: With this new technology, you can create the warm glow of traditional incandescent dimming while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 2700K when at full-brightness and smoothly dim down to 5% level with the warm glow of 1850K using dimming option the frame-in kit.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Mounting: Steel pressure springs mounted on trim to ensure positive retention inside housing.

Power Connection: LED lamp array is replaceable via on board quick disconnect terminal. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Finish: Available in All Black, All White, Black Baffle/Chrome Ring and Black Reflector/White Ring.

Beam Spread: Available in 45° Narrow Flood, Spot* and 60° Wide Flood.

LED: Available in 3000K, 3000K, 97CRI**, 1700K*, 2500K*, 2700K, 2700K 90+ CRI, 2700K, 97CRI**, 3500K, 4000K and 1850K-2700K Warm Dimming. LEDs binned to within 3-Step MacAdam Ellipses (SDCM) and surpasses the ANSI C78 377A standard for color deviation.

Label: cETL Listed



COMPATIBILITY



LHBLD4R

4" 12W REMODEL LED HOUSING



LHJLD4

4" 12W LED HOUSING

Note: Wattage limitations on compatible items must be met.

Made in USA

LED Details:

12W 650 + Lumen Package

Color Rendering Index (CRI): 80

Color Temperature: 3,000K

Lamp Equivalents: 75W A19, 50W PAR20 FL, 50W MR16 FL

Benefit:

- New High Output 12W LED
- LED binned to within 3-Step MacAdam Ellipses (SDCM)
- Specification grade 90CRI Option
- Illuminates like 50W MR16
- 360° Rotatable After Installation
- Modern Square Design
- Warm Dimming option (Incandescent-like dimming)

FEATURE:



ORDERING EXAMPLE : LR4LHQ21BB-B60-C97

LR4LHQ21	FINISH	BEAM SPREAD	LED
LR4LHQ21	BB :All Black	Blank :45° Narrow Flood	Blank :3000K
	W :All White	-B25 :Spot*	-C97 :3000K, 97CRI**
	BC :Black Baffle/Chrome Ring	-B60 :60° Wide Flood	-T17 :1700K*
	BW :Black Reflector/White Ring		-T25 :2500K*
			-T27 :2700K
			-T27-C90 :2700K 90+ CRI
			-T27-C97 :2700K, 97CRI**
			-T35 :3500K
			-T40 :4000K
			-TWD :1850K-2700K Warm Dimming

* Extended Lead Time may apply. Consult Factory.

**Only available in 2700K and 3000K.

ID#: 2644



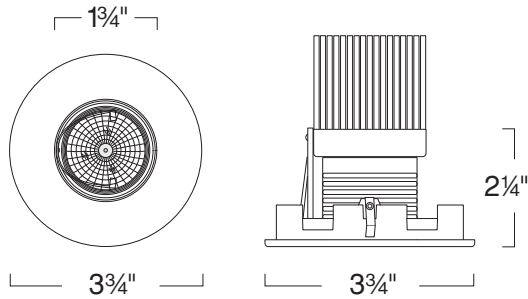
Tel: 323.904.0200

Product specifications subject to change without notice.

www.liton.com



LRX4LH19 - 12W LED TRIMLESS PINHOLE LED PHANTOM



SPECIFICATION

12W Max LED

Applications: Mini-Arc 'Trimless' trims provide a flat, unobstructed 'zero-sight line' view of the ceiling. Trims easily install into a die-cast aluminum adjustment plate that mounts onto the housing. This miniature Pinhole trim is perfect for commercial and high-end residential applications. Its small aperture makes it ideal for strategic placement where tight beam spread control is required.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Warm Dimming: With this new technology, you can create the warm glow of traditional incandescent dimming while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 2700K when at full-brightness and smoothly dim down to 5% level with the warm glow of 1850K using dimming option the frame-in kit.

Mounting: Steel pressure springs mounted on trim to ensure positive retention inside housing.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Finish: Only available in White.

Beam Spread: Available in 30° Spot, 45° Narrow Flood and 60° Flood.

LED: Available in 3000K, 3000K, 97CRI**, 1700K*, 2500K*, 2700K, 2700K, 90+ CRI, 2700K, 97CRI**, 3500K, 4000K and 1850K-2700K Warm Dimming. LEDs binned to within 3-Step MacAdam Ellipses (SDCM) and surpasses the ANSI C78 377A standard for color deviation.

Label: cETL Listed

COMPATIBILITY



LHXLD4

4" PHANTOM LED
TRIMLESS HOUSING

Note: Wattage limitations on compatible items must be met.

LED Details:

12W 650 + Lumen Package

Color Rendering Index (CRI): 80

Color Temperature: 3,000K

Lamp Equivalents: 75W A19, 50W PAR20 FL, 50W MR16 FL

Benefit:

- New High Output 12W LED
- LED binned to within 3-Step MacAdam Ellipses (SDCM)
- Specification grade 90CRI Option
- Singular Optic LED
- Illuminates like 50W MR16
- Warm Dimming option (Incandescent-like dimming)

FEATURE:



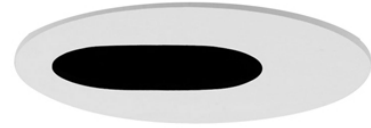
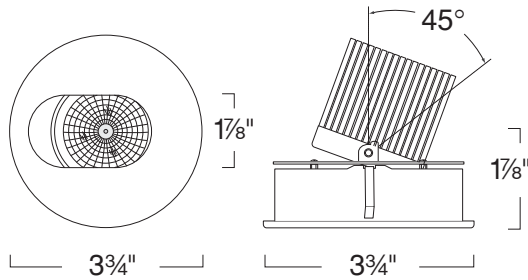
ORDERING EXAMPLE : LRX4LH19W-TWD

LRX4LH19	FINISH	BEAM SPREAD	LED
LRX4LH19	W :White	Blank :45° Narrow Flood	Blank :3000K
		-B30 :30° Spot	-C97 :3000K, 97CRI**
		-B60 :60° Flood	-T17 :1700K*
			-T25 :2500K*
			-T27 :2700K
			-T27-C90 :2700K, 90+ CRI
			-T27-C97 :2700K, 97CRI**
			-T35 :3500K
			-T40 :4000K
			-TWD :1850K-2700K Warm Dimming

* Extended Lead Time may apply. Consult Factory.
**Only available in 2700K and 3000K.

ID#: 2690

LRX4LH20 - 12W LED TRIMLESS SLOT LED PHANTOM



SPECIFICATION

12W Max LED

Applications: Mini-Arc 'Trimless' trims provide a flat, unobstructed 'zero-sight line' view of the ceiling. Trims easily install into a die-cast aluminum adjustment plate that mounts onto the housing. This miniature Slot trim is perfect for commercial and high-end residential applications. Its narrow slot aperture and high degree of adjustability makes it ideal for strategic placement where precise beam spread control is required. Ideal for accent lighting such as seating areas in conference room settings.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Warm Dimming: With this new technology, you can create the warm glow of traditional incandescent dimming while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 2700K when at full-brightness and smoothly dim down to 5% level with the warm glow of 1850K using dimming option the frame-in kit.

Mounting: Steel pressure springs mounted on trim to ensure positive retention inside housing.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Finish: Only available in White.

Beam Spread: Available in 45° Narrow Flood, 30° Spot and 60° Wide Flood.

LED: Available in 3000K, 3000K, 97CRI**, 1700K*, 2500K*, 2700K, 2700K, 90+ CRI, 2700K, 97CRI**, 3500K, 4000K and 1850K-2700K Warm Dimming. LEDs binned to within 3-Step MacAdam Ellipses (SDCM) and surpasses the ANSI C78 377A standard for color deviation.

Accessories: Takes (1) 2" Media.

Label: cETL Listed

COMPATIBILITY



LHXLD4

4" PHANTOM LED
TRIMLESS HOUSING

Note: Wattage limitations on compatible items must be met.

LED Details:

12W 650 + Lumen Package

Color Rendering Index (CRI): 80

Color Temperature: 3,000K

Lamp Equivalents: 75W A19, 50W PAR20 FL, 50W MR16 FL

Benefit:

- New High Output 12W LED
- LED binned to within 3-Step MacAdam Ellipses (SDCM)
- Specification grade 90CRI Option
- Singular Optic LED
- Illuminates like 50W MR16
- Warm Dimming option (Incandescent-like dimming)

FEATURE:



ORDERING EXAMPLE : LRX4LH20W-TWD

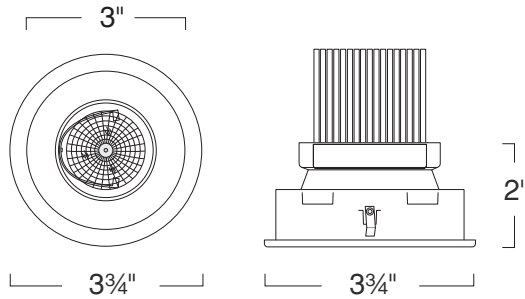
LRX4LH20	FINISH	BEAM SPREAD	LED
LRX4LH20	W :White	Blank :45° Narrow Flood	Blank :3000K
		-B30 :30° Spot	-C97 :3000K, 97CRI**
		-B60 :60° Wide Flood	-T17 :1700K*
			-T25 :2500K*
			-T27 :2700K
			-T27-C90 :2700K, 90+ CRI
			-T27-C97 :2700K, 97CRI**
			-T35 :3500K
			-T40 :4000K
			-TWD :1850K-2700K Warm Dimming

* Extended Lead Time may apply. Consult Factory.

**Only available in 2700K and 3000K.

ID#: 2724

LRX4LH21 - 12W LED TRIMLESS REFLECTOR CONE LED PHANTOM



SPECIFICATION

12W Max LED

Applications: Mini-Arc 'Trimless' trims provide a flat, unobstructed 'zero-sight line' view of the ceiling. Trims easily install into a die-cast aluminum adjustment plate that mounts onto the housing. This miniature Reflector trim is perfect for commercial and high-end residential applications.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Warm Dimming: With this new technology, you can create the warm glow of traditional incandescent dimming while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 2700K when at full-brightness and smoothly dim down to 5% level with the warm glow of 1850K using dimming option the frame-in kit.

Mounting: Steel pressure springs mounted on trim to ensure positive retention inside housing.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Finish: Available in Satin Reflector / White Ring and White Reflector / White Ring.

Beam Spread: Available in 30° Spot, 45° Narrow Flood and 60° Wide Flood.

LED: Available in 3000K, 3000K, 97CRI**, 1700K*, 2500K*, 2700K, 2700K, 90+CRI, 2700K, 97CRI**, 3500K, 4000K and 1850K-2700K Warm Dimming. LEDs binned to within 3-Step MacAdam Ellipses (SDCM) and surpasses the ANSI C78 377A standard for color deviation.

Accessories: Takes (1) 2" Media.

Label: cETL Listed

COMPATIBILITY



LHXLD4

4" PHANTOM LED
TRIMLESS HOUSING

Note: Wattage limitations on compatible items must be met.

LED Details:

12W 650 + Lumen Package

Color Rendering Index (CRI): 80

Color Temperature: 3,000K

Lamp Equivalents: 75W A19, 50W PAR20 FL, 50W MR16 FL

Benefit:

- New High Output 12W LED
- LED binned to within 3-Step MacAdam Ellipses (SDCM)
- Specification grade 90CRI Option
- Singular Optic LED
- Illuminates like 50W MR16
- Warm Dimming option (Incandescent-like dimming)

FEATURE:



ORDERING EXAMPLE : LRX4LH21SW

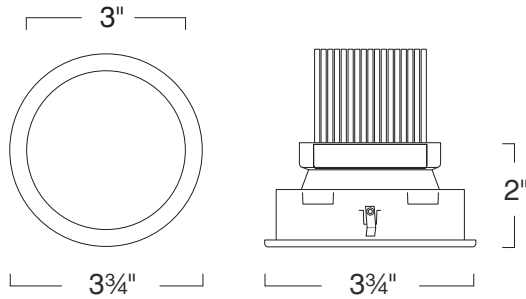
LRX4LH21	FINISH	BEAM SPREAD	LED
LRX4LH21	SW :Satin Reflector / White Ring	Blank :45° Narrow Flood	Blank :3000K
	W :White Reflector / White Ring	-B30 :30° Spot	-C97 :3000K, 97CRI**
		-B60 :60° Wide Flood	-T17 :1700K*
			-T25 :2500K*
			-T27 :2700K
			-T27-C90 :2700K, 90+CRI
			-T27-C97 :2700K, 97CRI**
			-T35 :3500K
			-T40 :4000K
			-TWD :1850K-2700K Warm Dimming

* Extended Lead Time may apply. Consult Factory.

**Only available in 2700K and 3000K.

ID# : 2725

LRX4LH22 - 12W LED TRIMLESS FROSTED LENS LED PHANTOM



SPECIFICATION

12W Max LED

Applications: Mini-Arc 'Trimless' trims provide a flat, unobstructed 'zero-sight line' view of the ceiling. Trims easily install into a die-cast aluminum adjustment plate that mounts onto the housing. This miniature Frosted Lens trim is perfect for commercial and high-end residential applications. Its frosted lens provides a soft glow that creates a warm ambience while maintaining strong lumen performance. Frosted lensed regressed inside reflector at the lamp level.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Warm Dimming: With this new technology, you can create the warm glow of traditional incandescent dimming while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 2700K when at full-brightness and smoothly dim down to 5% level with the warm glow of 1850K using dimming option the frame-in kit.

Mounting: Steel pressure springs mounted on trim to ensure positive retention inside housing.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Finish: Only available in White.

Beam Spread: Available in 30° Spot, 45° Narrow Flood and 60° Wide Flood.

LED: Available in 3000K, 3000K, 97CRI**, 1700K*, 2500K*, 2700K, 2700K, 90+ CRI, 2700K, 97CRI**, 3500K, 4000K and 1850K-2700K Warm Dimming. LEDs binned to within 3-Step MacAdam Ellipses (SDCM) and surpasses the ANSI C78 377A standard for color deviation.

Accessories: Takes (1) 2" Media.

Label: cETL Listed

COMPATIBILITY



LHXLD4

4" PHANTOM LED
TRIMLESS HOUSING

Note: Wattage limitations on compatible items must be met.

LED Details:

12W 650 + Lumen Package

Color Rendering Index (CRI): 80

Color Temperature: 3,000K

Lamp Equivalents: 75W A19, 50W PAR20 FL, 50W MR16 FL

Benefit:

- New High Output 12W LED
- LED binned to within 3-Step MacAdam Ellipses (SDCM)
- Specification grade 90CRI Option
- Singular Optic LED
- Illuminates like 50W MR16
- Warm Dimming option (Incandescent-like dimming)

FEATURE:



ORDERING EXAMPLE : LRX4LH22W-TWD

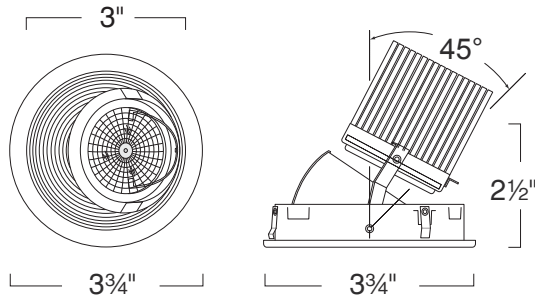
LRX4LH22	FINISH	BEAM SPREAD	LED
LRX4LH22	W :White	Blank :45° Narrow Flood	Blank :3000K
		-B30 :30° Spot	-C97 :3000K, 97CRI**
		-B60 :60° Wide Flood	-T17 :1700K*
			-T25 :2500K*
			-T27 :2700K
			-T27-C90 :2700K, 90+ CRI
			-T27-C97 :2700K, 97CRI**
			-T35 :3500K
			-T40 :4000K
			-TWD :1850K-2700K Warm Dimming

* Extended Lead Time may apply. Consult Factory.

**Only available in 2700K and 3000K.

ID#: 2726

LRX4LH73 - 12W LED TRIMLESS ADJUSTABLE ACCENT LED PHANTOM



SPECIFICATION

12W Max LED

Applications: Mini-Arc 'Trimless' trims provide a flat, unobstructed 'zero-sight line' view of the ceiling. Trims easily install into a die-cast aluminum adjustment plate that mounts onto the housing. This miniature Adjustable Accent trim is perfect for commercial and high-end residential applications. Its high degree of adjustability makes it ideal for wall wash and accent applications.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Warm Dimming: With this new technology, you can create the warm glow of traditional incandescent dimming while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 2700K when at full-brightness and smoothly dim down to 5% level with the warm glow of 1850K using dimming option the frame-in kit.

Mounting: Steel pressure springs mounted on trim to ensure positive retention inside housing.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Finish: Only available in White.

Beam Spread: Available in 30° Spot, 45° Narrow Flood and 60° Wide Flood.

LED: Available in 3000K, 3000K, 97CRI**, 1700K*, 2500K*, 2700K, 2700K, 90+ CRI, 2700K, 97CRI**, 3500K, 4000K and 1850K-2700K Warm Dimming. LEDs binned to within 3-Step MacAdam Ellipses (SDCM) and surpasses the ANSI C78 377A standard for color deviation.

Accessories: Takes (1) 2" Media.

Label: cETL Listed

COMPATIBILITY



LHXLD4

4" PHANTOM LED
TRIMLESS HOUSING

Note: Wattage limitations on compatible items must be met.

LED Details:

12W 650 + Lumen Package

Color Rendering Index (CRI): 80

Color Temperature: 3,000K

Lamp Equivalents: 75W A19, 50W PAR20 FL, 50W MR16 FL

Benefit:

- New High Output 12W LED
- LED binned to within 3-Step MacAdam Ellipses (SDCM)
- Specification grade 90CRI Option
- Singular Optic LED
- Illuminates like 50W MR16
- Warm Dimming option (Incandescent-like dimming)

FEATURE:



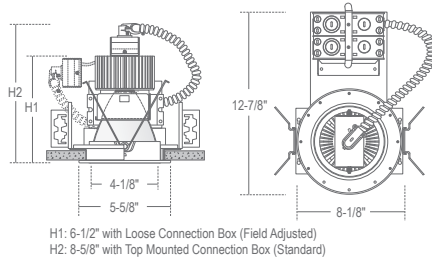
ORDERING EXAMPLE : LRX4LH73W

LRX4LH73	FINISH	BEAM SPREAD	LED
LRX4LH73	W :White	Blank :45° Narrow Flood	Blank :3000K
		-B30 :30° Spot	-C97 :3000K, 97CRI**
		-B60 :60° Wide Flood	-T17 :1700K*
			-T25 :2500K*
			-T27 :2700K
			-T27-C90 :2700K, 90+ CRI
			-T27-C97 :2700K, 97CRI**
			-T35 :3500K
			-T40 :4000K
			-TWD :1850K-2700K Warm Dimming

* Extended Lead Time may apply. Consult Factory.
**Only available in 2700K and 3000K.

ID# : 2727

4" Architectural LED Frame-Kit (25W) GEN3 w/ 4" Architectural LED Trim (2000/3000 Lumen) GEN3 4" LED ARCHITECTURAL DOWNLIGHT



SPECIFICATION

Ceiling cut-out: 5 1/16"

Application: Architectural-grade recessed LED downlight housing for medium to high ceilings in commercial and architectural spaces. New second generation housing supports 1400, 2000 and 3000 lumen packages.

Housing Frame: 16 gauge galvanized plaster ring with black powder coat finish, friction or V-Spring clips secure trim to housing.

Mounting: Housing suitable for new construction installations only, Bat-Wing bar hanger brackets adjust vertically 3 1/4" for multiple ceiling types and accepts 1/2" EMT, 26" C-Channel Strut for T-bar ceilings and 27" adjustable linear hanger bars for plaster ceilings or wood/metal joists. Heavy duty 16-gauge, die-formed galvanized steel. Bar hangers optional.

Driver: 120V/277V AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted on large access Junction Box. Power Factor > 0.90. Operating Temperature: -10°C to +80°C. Accessible from above or below ceiling. Consult Factory for dimming options and compatible dimmers.

Emergency Options: Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch, plate cover and junction box included. Optional Generator Transfer Device switches the driver to auxiliary generator power during the loss of normal AC power, (recommended for applications requiring individual circuit switching).

Junction Box: 16 gauge pre-wired galvanized steel double Junction Box, 64 cubic-inch for a maximum of (8) #12 AWG wires. Furnished with (10) 3/4", (2) 1" and (8) Romex knock-outs. Strain clamps to install or remove covers for easy access and ground wire. Equipped with safety standard die-cast aluminum fitting for flex-conduit.

Insulation Contact: Non-IC rated housing must be kept 3" from insulation.

Dimming: 0-10V dimming option (-D10) works with most 5-Wire 0-10V dimmers. Available with 1% Deep Dimming Option. Factory qualified for use with Leviton IP710-DLX and Lutron NTFTV-WH. The Lutron Hi-Lume (-DHL) and Ecosystem (-DEC) option designed for use with LUTRON Ecosystem Controls. Uni-Dim™ (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Caution: LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

FEATURE:



Application: Architectural-grade recessed downlight reflector for medium to high ceilings in commercial and architectural installations. Reflector designed for minimal glare from lamp without sacrificing lumen output.

Reflector Construction: One piece, self-flanged dual-reflector LED design enables a clean trim finish, without the need for a secondary trim ring. Heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance. Held in place with two steel pressure v-springs for a tight fit and easy scratch-less removal.

Power Connection: LED lamp array is replaceable via on board quick disconnect terminal. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Warm Dimming: With this new technology, you can create the warm glow of traditional incandescent dimming while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 3050K when at full-brightness and smoothly dim down to 5% level with the warm glow of 1850K using dimming option the frame-in kit.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Thermal Temperature: Heat dissipation facilitated by exposed integral aluminum heat sink to maximize heat rejection in an open air environment. Recommended ambient temperature is below 35 degree celsius to achieve minimum L70 life of 50,000 hours according to LM80 standard.

4" ARCHITECTURAL LED FRAME-KIT (25W) GEN3 LHALD425 Ceiling Cut-Out: 4-3/4"

DRIVER TYPE	OPTION	HANGER BAR
LHALD425C072UE :Non-Dimming	Blank :None	/L270 :Linear Hanger Bar Set
LHALD425C072UE-D10 :0-10V 10% Dimming	-EM2 :Emergency (10W)	/C260 :C-Channel Hanger Bar Set
LHALD425C072UE-DHL :HiLume 1% Dimming	-GTD :Generator Transfer Device	/C260-J :Adjustable C-Channel Hanger Bar Set
LHALD425C072UE-DUN :UniDim™ Universal Dimming		
LHALD425C072UE-D10P1 :0-10V 1% Dimming		
LHALD425C072UE-DEC :Lutron Ecosystem		
LHALD425C072UE-DLI :DALI Dimming		
LHALD425C072-DINPZ :2-Wire 0% Dimming (120V)		
LHALD425C072UE-347 :347V (0-10V)		

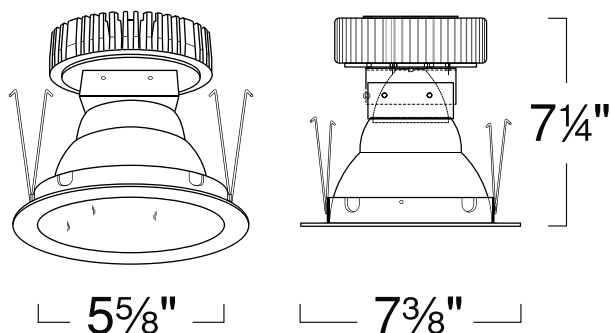
4" ARCHITECTURAL LED TRIM (2000/3000 LUMEN) GEN3 LRALD4 25W LED

FINISH	LUMEN PACKAGE	BEAM SPREAD	LED
LRALD4SSF :Satin Haze Refl/Satin Flange	152 :2000Lm 25W	Blank :45° Flood	Blank :3000K, 90 CRI
LRALD4SWF :Satin Haze Refl/White Flange	242 :3000Lm 25W	-B25 :25° Narrow	-C97 :3000K, 97CRI**
LRALD4WWF :White Reflector/White Flange		-B60 :60° Wide	-T17 :1700K*
			-T25 :2500K*
			-T27 :2700K, 90 CRI
			-T27-C97 :2700K, 97CRI**
			-T35 :3500K, 90 CRI
			-T40 :4000K, 90 CRI
			-T2D :1850K-3050K Warm Dimming***

* Extended Lead Time may apply. Consult Factory.
** Only available in 2700K and 3000K.
*** Only available for 2000Lm package

Ordering example: LHALD425C072-DINPZ/C260/LRALD4SSF242-B25-T27

LRALD6 - 6" ARCHITECTURAL LED TRIM (2000/3000 LUMEN) 6" ARCHITECTURAL DOWNLIGHT (2000/2400/3000 LUMEN GEN 2)



SPECIFICATION

19W/25W LED

Application: Architectural-grade recessed downlight reflector for medium to high ceilings in commercial and architectural installations. Reflector designed for minimal glare from lamp without sacrificing lumen output.

"Reflector Construction: One piece, self-flanged dual-reflector LED design enables a clean trim finish, without the need for a secondary trim ring. Heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance. Held in place with two steel pressure v-springs for a tight fit and easy scratch-less removal. -B60 option includes Impact-Resistant Polycarbonate lens."

Power Connection: LED lamp array is replaceable via on board quick disconnect terminal. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Warm Dimming: With this new technology, you can create the warm glow of traditional incandescent dimming while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 3050K when at full-brightness and smoothly dim down to 5% level with the warm glow of 1850K using dimming option the frame-in kit.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Thermal Temperature: Heat dissipation facilitated by exposed integral aluminum heat sink to maximize heat rejection in an open air environment. Recommended ambient temperature is below 35 degree celsius to achieve minimum L70 life of 50,000 hours according to LM80 standard.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

Safety Labels: ETL/cETL listed to UL1598 and UL8750. Suitable for dry, damp and wet locations. NYC approved: Calendar #41937.

Sloped Ceiling Adapter: Slope adapter option can be pre-installed between primary and secondary reflectors. Available in 5°, 10° and 15°.

COMPATIBILITY



LHALD625

6" ARCHITECTURAL
LED FRAME-KIT (25W)



LHALD6R25

6" ARCHITECTURAL
REMODEL LED FRAME-
KIT (25W)

Note: Wattage limitations on compatible items must be met.

Finish: One piece low-iridescent spun aluminum reflector with seamless self-flanged ring Available in All Satin, Satin/White and All White.

Lumen Package: Factory Installed Adapter For Sloped & Angled Ceiling Available in 3000 Lm and 2000 Lm.

Beam Spread: Available in Flood, Spot, Narrow Fld and Wide Fld. B60 option uses a 2 3/4" polycarbonate shatter-proof dome lens mounted at the top of the reflector. Diffused finish completely seals the light source from harsh ambient environments and eliminates sight of LED's Light Emitting Surface.

LED: Available in 3000K, 3000K, 97CRI**, 1700K*, 2500K*, 2700K, 2700K,90+CRI, 2700K, 97CRI**, 3500K, 4000K and 1850K-3050K Warm Dimming***. LEDs binned to within 3-Step MacAdam Ellipses (SDCM) and surpasses the ANSI C78 377A standard for color deviation. Standard in 3000K, 80 CRI only

Label: cETL Listed

Assembled in USA

FEATURE:



ORDERING EXAMPLE : LRALD6SWF240-B25-T27-C90

LRALD6	FINISH	LUMEN PACKAGE	BEAM SPREAD	LED	BEAM TILT
LRALD6	SSF :All Satin	151 :2000 Lm	Blank :Flood	Blank :3000K	Blank :Nc
	SWF :Satin/White	240 :3000 Lm	-B15 :Spot	-C97 :3000K, 97CRI**	-SLP05 :5°
	WWF :All White		-B25 :Narrow Fld	-T17 :1700K*	-SLP10 :10°
			-B60 :Wide Fld	-T25 :2500K*	-SLP15 :15°
				-T27 :2700K	
				-T27-C90 :2700K,90+CRI	
				-T27-C97 :2700K, 97CRI**	
				-T35 :3500K	
				-T40 :4000K	
				-TWD :1850K-3050K Warm Dimming***	

* Extended Lead Time may apply. Consult Factory.

**Only available in 2700K and 3000K.

***Only available for 2000Lm package

ID #: 2557