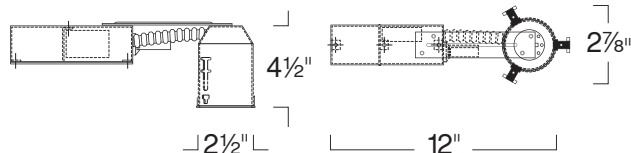


2" 10W Remodel Housing w/ 2" 600Lm LED Reflector

2" MINI-ARC RECESSED LED



SPECIFICATION

Ceiling cut-out: 2 13/16"

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.

Housing: 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.

Mounting: Housing suitable for remodel or new construction installations, supplied with high tension remodeling clips, designed to secure the housing to an existing sheetrock ceiling for fast and easy installation.

Driver: Electronic Direct Current U.L. Listed driver mounted away from LED Array for cool operation and end-of-life modularity. Comes standard with 120VAC input and available with optional 120V/277V universal voltage input.

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.

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

Safety Labels: ETL/CETL listed for through-branch wiring (8) No.12 AWG 90°C and suitable for damp locations. NYC approved: Calendar #41937.

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

Label: cETL Listed

FEATURE:



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.

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.

2" 10W REMODEL HOUSING

LHBLD2R 120V input 10W LED

DRIVER OPTION	
LHBLD2R12C35	:120V Non-Dimming
LHBLD2R12C35-DIN	:Incandescent Dimming
LHBLD2R12C35UE	:120V/277V
LHBLD2R12C35UE-D10	:120V-277V (0-10V Dimming)
LHBLD2R12C35UE-DUN	:120V-277V (ELV/0-10V Universal Dimming)

2" 600LM LED REFLECTOR

LR2LH21 10W LED

FINISH	BEAM SPREAD	LED	OPTIONS
LR2LH21B :Black Reflector/White Ring	Blank :45° Narrow Flood	Blank :3000K	Blank :None
LR2LH21BB :All Black	-B25 :Spot	-C90 :3000K, 90CRI	-WL :Wet Location
LR2LH21C :Clear Reflector/ White Ring	-B60 :60° Wide Flood	-C97 :3000K, 97CRI	-DL :Damp Location
LR2LH21SN :Satin Reflector/ Natural Ring		-T17 :1700K*	
LR2LH21W :All White		-T25 :2500K*	
		-T27 :2700K	
		-T27-C90 :2700K, 90 + CRI	
		-T27-C97 :2700K, 97CRI	
		-T35 :3500K	
		-T40 :4000K	

* Extended Lead Time may apply. Consult Factory.

Ordering example: LHBLD2R12C35UE-DUN/LR2LH21BB-B60-T17

2" LED Downlight Luminaire

Total Luminaire Watts	:10W
Color Redering Index(CRI)	:84.19
Color Temperature	:3,072K
Estimated Life	:50,000 + hrs. -L70

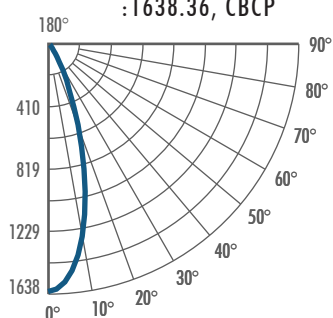
MULTIPLIERS

FINISHES		COLOR TEMP	
Black	0.70	2,700K	0.97
White	0.87	3,000K	1.00
Satin	0.90	3,500K	1.01
Clear	1.00	4,000K	1.03

LR2LH21C-B45 LED LUMINAIRE

CANDELA TABULATION

:1638.36, CBCP



ZONAL LUMENS SUMMARY

Zone	Lumens	% Fixt
0 - 20	394.92	64.00
0 - 30	543.24	88.00
0 - 40	593.17	96.10
0 - 60	615.91	99.80
0 - 90	617.44	100.00

RECOMMENDED LAYOUT

Height	Spacing	FC	Min/Max
10'	4 X 4	42	1.6:1
10'	4 X 6	29	2.1:1
10'	6 X 6	20	2.4:1