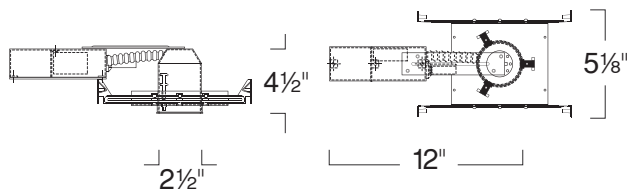


2" 10W LED New Construction w/ 2" 600Lm LED Reflector 2" MINI-ARC RECESSED LED



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 Plaster frame adjusts up to 3/4" ceiling thickness. Integral thermal protector to guard against improper lamping and installation. Trim is secured with internal ClickLok™ locking mechanism. Housing is easily removed from plaster frame for remodel applications.

Mounting: Housing suitable for new construction and remodel installations, 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 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.

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 and plate cover 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).

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.

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 LED NEW CONSTRUCTION LHBLD2 120V input 10W LED

DRIVER OPTION	OPTION
LHBLD212C35 :120V Non-Dimming	Blank :None
LHBLD212C35-DIN :Incandescent Dimming	-EM :Remote 8W Emergency**
LHBLD212C35UE-D10 :120V-277V (0-10V Dimming)	
LHBLD212C35UE-DUN:120V-277V (ELV/0-10V Universal Dimming)	

** Above ceiling access required for EM option.

2" 600LM LED REFLECTOR LR2LH21 10W LED

Ordering example: LHBLD212C35-DIN/LR2LH21BB-B60-T17

FINISH	BEAM SPREAD	LED	OPTIONS
LR2LH21B :Black Reflector/White Ring	Blank :45° Narrow Flood	Blank :3000K	Blank :3000K
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.

2" LED Downlight Luminaire

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

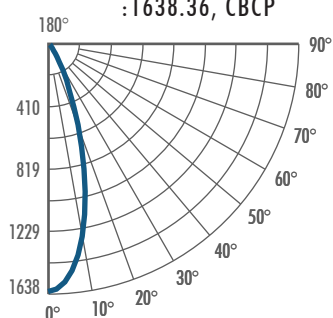
MULTIPLIERS

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