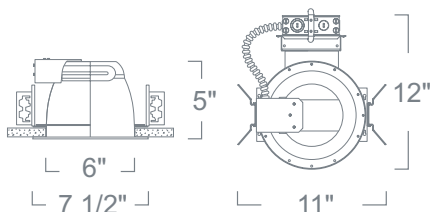


6" Architectural Housing (2-Lamp) w/ 6" Architectural Shallow LED Retrofit (1000 Lumen LED) LFH6 SERIES - 6" HORIZONTAL CFL RECESSED LIGHTING



SPECIFICATION

Ceiling cut-out: 6 3/4"

Application: Architectural-grade recessed downlight housing for low to medium height ceilings and commercial installations. A variety of trims, compatible styles and finishes are available to achieve the proper décor and illumination.

Housing Frame: 16 gauge galvanized plaster ring with powder coat finish, six friction clips secure trim to housing for ceilings up to 1 3/4" thick. Triple slot bat-wing hanger brackets accommodate multiple bar hanger systems.

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 (C260) for T-bar ceilings and 27" linear hanger bars (L270) for wood joists. Heavy duty 16-gauge, die-formed galvanized steel. 1 1/4" maximum ceiling thickness.

Ballast: Electronic Class P 60Hz Ballast with Inherent thermal protection. For Double Twin Tube (DTT) or Triple Twin Tube Lamps (TTT). Sound A rated. Micro-Processor controlled. Min. starting temperature -10°C. Accessible from above or below the ceiling. Contact factory for detailed technical information on ballast specifications. Note: For dimming applications must use compatible dimmer switch. Consult specific ballast manufacturer for up-to-date compatibility list.

Socket Cap: Heavy-Duty steel socket enclosure with built-in ventilations. Die-cast aluminum fittings. Accepts compatible reflector trims.

Socket: Thermo-plastic socket UL Listed rated for high temperature and provides nickel plated contacts. Accepts 4-Pin lamps with electronic ballast selection.

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.

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

Emergency Option: Emergency back-up operates one lamp for a minimum of 90 minutes at 750 Lumens in case of power outage. Unit is remotely mounted. It includes battery, charger, and test switch with indicator light. Consult Factory for 1300 Lumen Package.

Label: UL Listed, cETL Listed

FEATURE:



Application: Shallow LED recessed downlight retrofit with omnidirectional lumen output similar to CFL downlights. Ideal for low to high ceiling heights in commercial applications that require smooth ambient lighting without sacrificing footcandles.

Reflector/Ring Construction: One piece self-flanged 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. Held in place with 2 steel pressure springs. Poly-carbonate non-conductive trim ring.

Retrofit Mounting: Designed for use with existing 6" Architectural Incandescent, Compact Fluorescent and Metal Halide housings like LITON brand LVH6, LH600 and LFH6. Supplied with metal conduit for connection to existing electrical junction box. Features specially designed pressure spring clips that hold the retrofit trim firmly to the existing frame-in kit. Very easy to install.

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

Thermal Management: 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 a minimum L70 life of 50,000 hours according to LM80 testing.

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

Warranty: Covered by a 3 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 35 degrees C. Doing so will result in reduced lamp life and voided warranty.

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

Assembled in USA

6" ARCHITECTURAL HOUSING LFH6 CFL (1)42W/(2)26W Max

WATTAGE	BALLAST	OPTIONS
LFH6213 : (2) 13W	UD : 0-10V Dimming (120V/277V)	Blank : None
LFH6213-18 : (2) 13W-18W	UE : 120V/277V Electronic	-EM : Emergency (Remote)
LFH6213IC : (2) 13W	ADV-SM : 120V/277V Smart Mate	-EMA : Emergency (Trim)
LFH6218 : (2) 18W	ADV-M7 : 120V/277V Mark VII Dimming	-FS : Fuse
LFH6226 : (2) 26W	ADV-M10 : 120V Mark X Dimming*	
	LUT-HL : 120V/277V Lutron 3-Wire Dimming	
	LUT-TW : 120V Tu-wire Dimming	
	UE-347 : 347V Electronic	
	E : 120V Electronic	

* Not available for 13W option.

6" ARCHITECTURAL SHALLOW LED RETROFIT (1000 LUMEN LED) LRCELD602 Ceiling Cut-out: 6-1/4" Ordering example: LFH6213UE-EM/LRCELD602100-R13

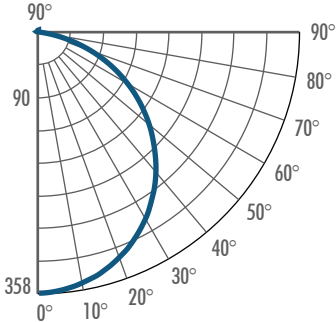
LUMEN	OPTIONS	LED COLOR
LRCELD602100-R13 : 1000 Lumens	Blank : Non-Dimming (120V)	Blank : None
	UE : Non-Dimming (120V/277V)*	-T30 : 3000K
		-T40 : 4000K

* Available in September 2016

LRCELD602100-R13-T40 - 1,000LM - 4,000K

System Power	:12.8W	Multipliers	
Test Date	:7/2016	3,000K	0.97
Beam Angle 50%	:110.4°		
Field Angle 10%	:157.9°		
Color Temperature	:3,876K		
CRI	:85.8		
R9 Value	:31.0		
Lumens Delivered	:989Lm		
CBCP	:358cd		
Power Factor	:0.99		

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
3.3'	9.4'	33.3
6.6'	18.9'	8.3
9.8'	28.3'	3.7
13.1'	37.7'	2.1
16.4'	47.2'	1.3