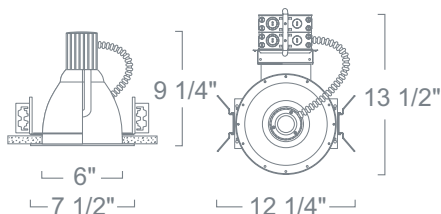


Architectural Housing (IC) w/ Reflector w/ Lens LVH61 SERIES - 6" ARCHITECTURAL CFL RECESSED LIGHTING



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 1/4" 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 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.

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: Extruded aluminum socket cap, 1 1/4" vertically adjustable socket arm with set screw which enables the use of multiple lamp types and repositioning to optimize lamp performance. Furnished with heat sink fins to vent lamp heat and extend lamp life. 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. IC rated housing rated for direct contact with low to medium density loosefill blown and rolled insulation. For use with high density loose fill blown insulation, reduce rated lamp wattage accordingly (roughly %15-%20).

FEATURE:



Application: Architectural-grade recessed downlight reflector for low to medium height ceilings for commercial and architectural installations. Reflector designed for minimal glare from lamp without sacrificing lumen output. Regressed tempered glass lens allows for special control of light output. Protects lamp while reducing lamp image.

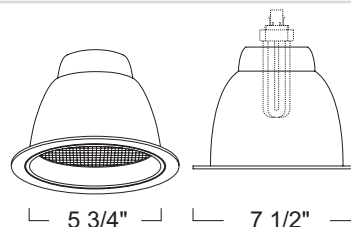
Mounting: Pre-punched key holes allow mounting of socket cap assembly for housing, with vertically adjustable socket cap. Reflector held in place with 6 steel pressure springs mounted on housing frame.

Suitable for Damp and Wet Location Installations.

Warranty: Covered by a 3 Year Warranty to be free of defects in materials and craftsmanship.

Label: UL Listed, cETL Listed

Assembled in USA



ARCHITECTURAL HOUSING

LVH61 CFL 42W Max

WATTAGE	BALLAST	OPTIONS
LVH6113IC :13W IC UE	:120V/277V Electronic	Blank :None
LVH6118IC :18W IC UD	:0-10V Dimming (120V/277V)	-EM :Emergency (Remote)
LVH6126IC :26W IC ADV-SM	:120V/277V Smart Mate	-EMA :Emergency (Trim)
	ADV-M7 :120V/277V Mark VII Dimming	-FS :Fuse
	ADV-M10 :120V Mark X Dimming*	
	ADV-M10-27:277V Mark X Dimming**	
	LUT-HL :120V Lutron 3-Wire Dimming	
	LUT-HL-27 :277V Lutron 3-Wire Dimming	
	LUT-TW :120V Tu-wire Dimming	
	UE-347 :347V Electronic	
E	:120V Electronic	

* Not available for 13W option.

**18W only.

Orders for EMA option must be accompanied with Trim style.

REFLECTOR W/ LENS

LR602 CFL 42W TTT, 26W DTT

Ordering example: LVH6113ICADV-SM-EMA/LR602SNF

REFLECTOR / FLANGE FINISH	LENS TYPE	RATING
LR602CWF :Clear Reflector/White Flange	Blank :Prismatic Lens	Blank :Damp Location
LR602SNF :Satin Reflector/Natural Flange	-AL :Albalite	-WL :Wet Location
LR602WWF :White Reflector/White Flange	-B60 :Wide Flood	
LR602CCF :Clear Reflector/ Clear Flange	-CF :Center-Frost™	
	-CL :Clear	
	-FR :Frosted	

Spacing Ratio: 0.92

LM-63-2002

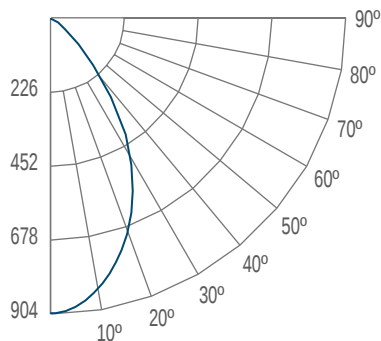
6" Reflector with Lens : LR602C

HOUSING	WATTAGE	LUMEN*
LVH6113	13W	900
LVH6118	18W	1200
LVH6126UE	26W	1800
LVH6132UE	32W	2400
LVH6142UE	42W	3200

* Lumens may vary upon lamp types/manufacturers.

DATE :

0	904
1	904
3	899
5	887
7	872
9	852
11	829
13	803
15	774
17	744
19.5	701
22.5	646
25.5	586
29	513
33	423
37.5	304
42.5	194
47.5	116
55	55
65	25
75	5
85	1
90	0



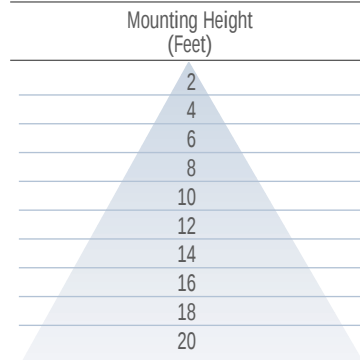
Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	12005	12005	12005
55	5252	5252	5252
65	3240	3240	3240
75	1058	1058	1058
85	628	628	628

FINISHES		WATTAGES	
Gold	0.90	13W	0.50
White	0.95	18W	0.66
Black	0.70	32W	1.33
Satin Haze	0.80	42W	1.78
Copper	0.75		

** Based on Clear reflector (26W).

(Beam angle : 84°)

Footcandles at center	Circle Diameter	Footcandles at edge
226.0	3.6	22.6
56.5	7.2	5.7
25.1	10.8	2.5
14.1	14.4	1.4
9.0	18.0	0.9
6.3	21.6	0.6
4.6	25.2	0.5
3.5	28.8	0.4
2.8	32.4	0.3
2.3	36.0	0.2



Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	67	67	67	67	65	65	65	65	63	63	63	60	60	60	57	57	57	56
1	63	61	60	58	62	60	58	57	58	56	55	56	55	54	54	53	52	51
2	59	56	53	51	58	55	52	50	53	51	49	51	50	48	50	48	47	46
3	55	51	48	45	54	50	47	45	49	46	44	47	45	43	46	44	42	41
4	52	47	43	40	51	46	43	40	45	42	40	44	41	39	43	40	39	38
5	49	43	39	36	48	43	39	36	42	38	36	41	38	36	40	37	35	34
6	46	40	36	33	45	39	36	33	39	35	33	38	35	33	37	34	32	31
7	43	37	33	30	42	37	33	30	36	33	30	35	32	30	34	32	30	29
8	41	35	31	28	40	34	30	28	34	30	28	33	30	28	32	30	27	27
9	38	32	28	26	38	32	28	26	31	28	26	31	28	26	30	28	25	25
10	36	30	26	24	36	30	26	24	29	26	24	29	26	24	29	26	24	23

ZONE	LUMENS	%LAMP	%FIXT
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0 - 30	545.23	30.30	53.80
0 - 40	754.44	41.90	74.40
0 - 60	957.05	53.20	94.40
0 - 90	1013.94	56.30	100.00
90 -120	0.00	0.00	0.00
90 -130	0.00	0.00	0.00
90 -150	0.00	0.00	0.00
90 -180	0.00	0.00	0.00
0 -180	1013.94	56.30	100.00