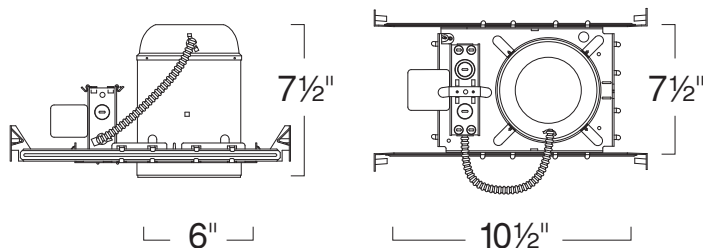


6" LED Housing (25W) w/ 6" 2000 Lumen Deep LED Reflector

6" 25W (1 LED SERIES)



SPECIFICATION

Ceiling cut-out: 6 1/2"

Application: This energy efficient high output General Purpose recessed LED housing is perfect for medium to high ceiling heights in residential and light commercial applications.

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.

Power Connection: LED heat sinked lamp module is replaceable via onboard quick exclusionary disconnect terminal. No tools required. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Lumen Maintenance: Minimum 25,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

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.

Dimming: 0-10V dimming option (-D10) works with most 5-Wire 0-10V dimmers. 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.

Emergency Option: 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.

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.

Airflow: Airtight option is designed to restrict air flow from room into plenums in compliance to the WSEC - Washington State Energy Code, (Less than 2.0 CFM -Cubic Feet per Minute). Complies to Title24 air flow requirements (Air-tight).

Safety Labels: ETL/CETL listed. Suitable for damp locations. NYC approved: Calendar #41937.

Warranty: Covered by a 3 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.

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

FEATURE:



Application: This energy efficient LED Reflector Trim produces up to 2000 lumens and is suited for medium to high ceilings in light commercial and residential applications. The LED has been deeply recessed for minimal glare. A variety of trim finishes are available.

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

Power Connection: LED heat sinked lamp module is replaceable via onboard quick exclusionary disconnect terminal. No tools required. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Lumen Maintenance: Minimum 35,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

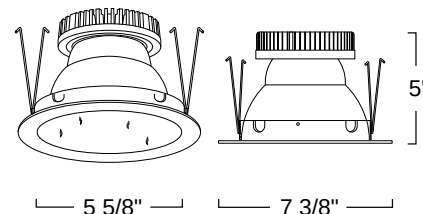
Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, finned heat sink design for maximum heat rejection to provide long LED life.

Warranty: Covered by a 3 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.

Label: cETL Listed

Limitation: Not for use w/Shallow Housings.

Assembled in USA



6" LED HOUSING (25W)

LHLD6 120V/277V 25W LED

WATTAGE	DRIVER TYPE	OPTIONS
LHLD625C70 :25W	UE-D10 :0-10V 10% Dimming	Blank :None
	UE-DUN :UniDim™ Universal Dimming	-EM :Emergency Back-up (6W)

6" 2000 LUMEN DEEP LED REFLECTOR

LRLDHO621 25W LED

Ordering example: LHLD625C70UE-D10/LRLDHO621WWF-T27

REFLECTOR FINISH	COLOR TEMP
LRLDHO621BBF :All Black	-T27 :2700K
LRLDHO621CWF :Clear Reflector/White Ring	
LRLDHO621SSF :All Satin Haze	
LRLDHO621WWF :All White	

LRLDHO621: 6" 2000 Lumen LED Deep Reflector

Lamp: (1) LED

Total Rated Fixture Lumen :2000 Lm

Luminous Diameter :5.64"

Color Rendering Index (CRI) :80 +

Color Temperature :3000K

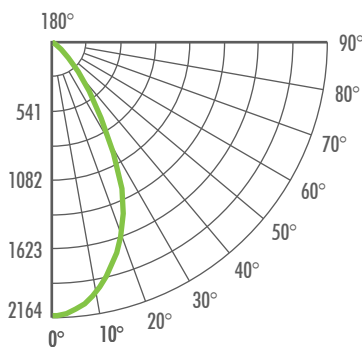
Estimated Life :25,000 hrs. L70

Fixture Data

	LED Module Lumen	Fixture Lumen	Input Wattage
@ 2700K	1943	1940	25W
@ 3000K	2003	2000	25W

ZONAL LUMENS SUMMARY

Zone	Lumens	% Fixt
0 - 20	677.64	33.80
0 - 30	1244.87	62.20
0 - 40	1607.34	80.30
0 - 60	1920.38	95.90
0 - 80	1990.46	99.40
0 - 90	2002.58	100.00
10 - 90	1840.30	91.90
20 - 40	929.70	46.40
20 - 50	1160.42	57.90
40 - 70	364.64	18.20
60 - 80	70.07	3.50
70 - 80	18.47	0.90
80 - 90	12.13	0.60

**CANDELA TABULATION****CD./SQ.M**

Angle	0
0.0	2163.798
1.0	2161.554
3.0	2149.215
9.0	2032.557
13.0	1899.072
17.0	1739.788
22.5	1467.210
29.0	1001.696
37.5	480.096
42.5	305.108
55.0	85.251
65.0	23.556
75.0	12.339

MULTIPLIERS**COLOR TEMP**

2700K	0.97
3000K	1.00

LUMINANCE DATA**CD./SQ.M**

Angle	Avg. 0-Deg	Avg. 45-Deg	Avg. 90-Deg
45	20895	20895	20895
55	9213	9213	9213
65	3455	3455	3455
75	2955	2955	2955
85	4786	4786	4786

ZONAL LUMINANCE SUMMARY**CD./SQ.M**

Zone	Lumens
0-10	162.28
10-20	515.36
20-30	567.23
30-40	362.47
40-50	230.72
50-60	82.32
60-70	51.60
70-80	18.47
80-90	12.13
90-100	0.00