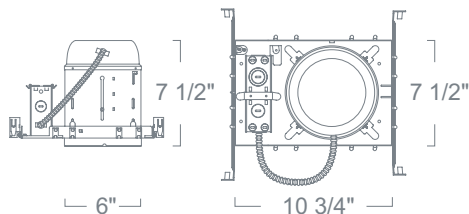


Standard E26 Housing w/ 6" Surface Mount Lumen Disc LH7 SERIES - 6" LINE VOLTAGE RECESSED LIGHTING



SPECIFICATION

Ceiling cut-out: 6 1/2"

Application: General purpose recessed downlight housing for medium to high ceilings for residential and light commercial applications. A variety of trims, compatible styles and finishes are available to achieve the proper décor and illumination.

Housing: Pre-wired housing adjusts up to a 1 1/2" ceiling thickness. Integral thermal protector to guard against improper lamping and installation. Housing provides an adjustable socket plate which allows for use of different lamp types. Trim is secured with torsion wing springs/standard coil springs or serrated clips.

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.

Socket: Standard porcelain medium screw base socket with high temperature leads.

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.

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

Label: UL Listed

FEATURE:



Application: 6" General Purpose Surface Mount Downlight is perfect for Retrofit, New Construction and Remodel Applications in low to medium height ceilings. Adapter available for 120V medium base Housings.

Mounting: Universal mounting hardware allows mounting to all standard octagonal electrical junction boxes. Optional Recessed Housing Adapter available.

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, finned heat sink design for maximum heat rejection to provide long LED life.

Driver: Electronic Direct Current driver mounted on fixture. Smoothly dims down to 5% with standard Low Voltage dimmers. Not recommended for 3-Way Dimmers.

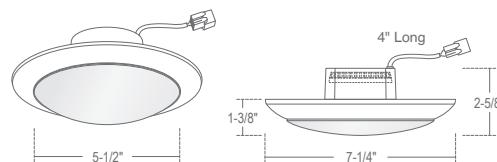
Color Temperature: Comes standard with 3,000K Warm White or 4,000K Cool White LED's binned according to ANSI C78 377A for color temperature and chromaticity ranges.

Safety Labels: ETL/CETL listed. NYC approved: Calendar #41937.

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.

Certification: This LED product is certified as compliant with California's Title 24 Energy Efficiency Standards by the California Energy Commission.

Wet Location: Suitable for Wet Location Installations.



STANDARD E26 HOUSING LH7 120V 150W Max R30/PAR30/PAR38/A19 MED E26

RATING	
LH7	:Standard
LH7A	:Airtight
LH7ICA	:IC-Airtight

6" SURFACE MOUNT LUMEN DISC LCMLD56 LED

VOLTAGE	COLOR TEMP OPTIONS	ACCESSORY
LCMLD56 :120V	-T30:3000K	Blank :None
LCMLD56UE :120V/277V	-T40:4000K	/LCMLD-RTR:Recessed Housing Adapter

Ordering example: LH7/LCMLD56-T30

LCMLD56: 6" Surface Mount Lumen Disk

Lamp: (1) LED, 2050Lm

Total Rated Fixture Lumen :848 Lm

Total Luminaire Efficacy :79 Lm/W

Luminous Diameter :20.57"

Color Rendering Index (CRI) :80 +

Color Temperature :3000K

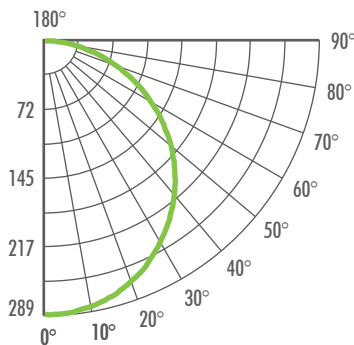
Estimated Life :50,000 hrs. L70

Fixture Data

	LED Module Lumen	Fixture Lumen	Input Wattage
@ 3000K	847.59	848	10W
@ 4000K	873.02	873	10W

ZONAL LUMENS SUMMARY

Zone	Lumens	% Fixt
0 - 20	105.24	12.40
0 - 30	223.36	26.40
0 - 40	365.93	43.20
0 - 60	650.49	76.70
0 - 80	820.76	96.80
0 - 90	845.34	99.70
10 - 90	818.08	96.50
20 - 40	260.68	30.80
20 - 50	409.34	48.30
40 - 70	390.43	46.10
60 - 80	170.27	20.10
70 - 80	64.41	7.60
80 - 90	24.57	2.90



CANDELA TABULATION

CD./SQ.M (FOOTLAMBERTS)

Angle	0
0.0	288.21
5.0	287.41
10.0	283.71
15.0	277.79
20.0	269.19
25.0	258.31
30.0	244.99
35.0	229.59
40.0	212.92
45.0	194.52
55.0	153.94
65.0	108.59
75.0	62.27

MULTIPLIERS

COLOR TEMP

3,000K	1.00
4,000K	1.03

LUMINANCE DATA

CD./SQ.M (FOOTLAMBERTS)

Angle	Avg. 0-Deg	Avg. 45-Deg	Avg. 90-Deg
45	1270	1265	1262
55	1239	1234	1233
65	1186	1184	1182
75	1111	1111	1102
85	1181	1203	1185

ZONAL LUMINANCE SUMMARY

CD./SQ.M (FOOTLAMBERTS)

Zone	Lumens
0-10	27.26
10-20	77.99
20-30	118.12
30-40	142.57
40-50	148.65
50-60	135.91
60-70	105.87
70-80	64.61
80-90	24.57
90-100	2.10