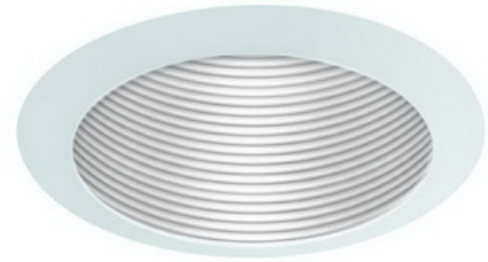
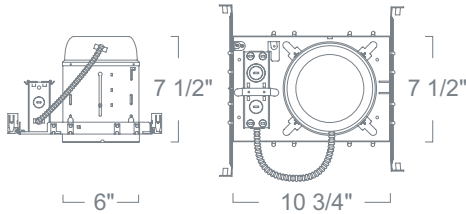


Standard E26 Housing w/ Phenolic PAR38 Baffle

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:



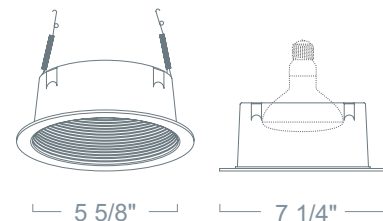
Application: Baffle downlights are used to minimize unwanted glare from the lamp source while providing a budget friendly design to provide general ambient light to an environment.

While the low reflectance level of black makes it the most effective color for baffle trims, white baffles have become the most popular option. The benefit of white baffles is that the trims blend with the ceiling when the lights are turned off. They are suitable for general illumination of residential and light commercial ceilings up to 9 feet. For a room with a typical eight-foot high ceiling, space 6" downlights apart approximately seven feet apart for general lighting applications.

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

Label: UL Listed, cETL Listed

Limitation: Not for use w/Shallow Housings.



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

RATING

LH7 :Standard
LH7A :Airtight
LH7ICA :IC-Airtight

PHENOLIC PAR38 BAFFLE
LRP40 120V 150W Max R40/PAR38

BAFFLE FINISH

RING FINISH

LRP40B :Black **Blank** :White

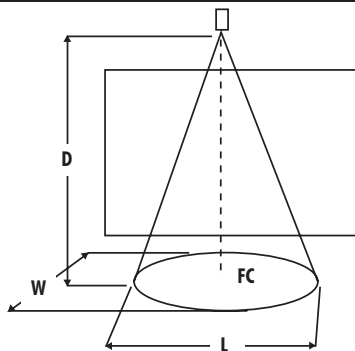
Ordering example: LH7/LRP40B

PROJECT INFORMATION

Type :

Project :

Catalog # :



D : Distance to the horizontal or vertical surface.
 FC : Initial foot candles at the center of the beam.
 L : Length of the beam where candle power is reduced to 50% of center beam candle power.
 W : Width of the beam where candle power is reduced to 50% of center beam candle power.

Lamp data given is typical and is based on bare lamp performance. Contact lamp manufacturers for availability and specific performance. Distance, length, and width given in decimal feet.

PAR38 Halogen E26 Medium Base



0° Aiming Angle
 Horizontal Foot candles
 D FC L W

45W PAR / CAP / SPL / SP9	6	278	2.2	2.2
Beam Spread = 9°	8	156	2.6	2.6
CBCP = 10,000	10	100	3.1	3.1
Rated Life = 2,500 Hrs.	12	69	3.5	3.5

45W PAR / CAP / SPL / FL30	3	167	2.0	2.0
Beam Spread = 30°	4	64	2.5	2.5
CBCP = 1,500	5	60	3.1	3.1
Rated Life = 2,500 Hrs.	6	42	3.6	3.6

45W PAR / CAP / SPL / WFL50	2	175	1.8	1.8
Beam Spread = 50°	3	78	2.3	2.3
CBCP = 700	4	44	2.8	2.8
Rated Life = 2,500 Hrs.	5	28	3.2	3.2

60W PAR / CAP / SPL / SP9	8	250	2.5	2.5
Beam Spread = 9°	11	132	3.6	3.6
CBCP = 16,000	14	82	4.7	4.7
Rated Life = 3,000 Hrs.	17	55	5.8	5.8

60W PAR / CAP / SPL / NFL25	4	206	2.5	2.5
Beam Spread = 25°	5	132	3.1	3.1
CBCP = 3,300	6	92	3.6	3.6
Rated Life = 3,000 Hrs.	7	67	4.1	4.1

60W PAR / CAP / SPL / FL30	3	278	3.5	3.5
Beam Spread = 30°	4	156	4.6	4.6
CBCP = 2,500	5	100	5.6	5.6
Rated Life = 3,000 Hrs.	6	69	6.6	6.6

90W PAR / CAP / SPL / SP9	9	274	2.7	2.7
Beam Spread = 9°	12	154	3.5	3.5
CBCP = 22,000	15	99	4.4	4.4
Rated Life = 2,500 Hrs.	18	69	5.3	5.6

90W PAR / CAP / SPL / FL30	4	219	3.6	3.6
Beam Spread = 30°	6	97	4.7	4.7
CBCP = 3,500	8	55	5.8	5.8
Rated Life = 2,500 Hrs.	10	35	6.8	6.8

120W PAR / CAP / SPL / FL30	4	288	1.3	1.3
Beam Spread = 30°	5	184	1.7	1.7
CBCP = 4,600	6	128	2.0	2.0
Rated Life = 3,000 Hrs.	7	94	2.3	2.3

120W PAR / CAP / SPL / WFL50	3	222	2.0	2.0
Beam Spread = 50°	4	125	2.5	2.5
CBCP = 2,000	5	80	3.1	3.1
Rated Life = 3,000 Hrs.	6	56	3.6	3.6

250W PAR / CAP / SPL / SP10	13	275	2.3	2.3
Beam Spread = 10°	18	144	3.2	3.2
CBCP = 46,500	23	88	4.1	4.1
Rated Life = 4,500 Hrs.	28	59	5.1	5.1

250W PAR / CAP / SPL / FL30	6	250	1.7	1.7
Beam Spread = 30°	8	141	2.1	2.1
CBCP = 9,000	10	90	2.6	2.6
Rated Life = 4,500 Hrs.	12	63	3.1	3.1