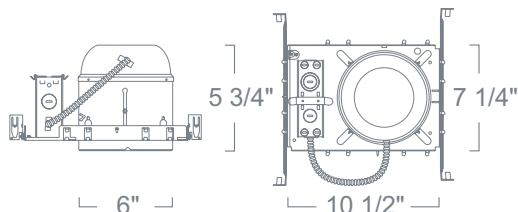


Standard Shallow E26 Housing w/ Regressed Eyeball w/ Reflector

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. 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).

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, cETL Listed

FEATURE:



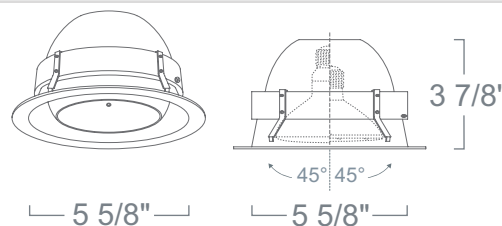
Application: Accent lighting and wall-washing are the two applications for which eyeballs are commonly used. They can be aimed and adjusted to focus on specific objects or areas. These **eyeball** trim fixtures provide flexibility and versatility by doubling as both a downlight and as an accent light. They are an economic way to provide general and accent lighting with both vertical and horizontal aiming capabilities. Their large degrees of rotation result in both visual style and practical ergonomics. **Regressed** eyeball design conveniently helps shield lamp glare from surrounding environment.

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

Ceiling Type: Suitable for flat and sloped ceilings.

Adjustability Lamp can be tilted 45° degrees vertically and rotated 358° degrees horizontally.

Label: UL Listed, cETL Listed



STANDARD SHALLOW E26 HOUSING

LH27 120V 90W Max A19/PAR30/PAR38 MED E26

RATING

LH27A :Airtight
LH27ICA:IC-Airtight

REGRESSED EYEBALL W/ REFLECTOR

LR419 120V 75W Max PAR30L/R30

REFLECTOR FINISH	RING FINISH
LR419W :White	Blank :White
LR419B :Black	B :Black
LR419S :Satin Haze	C :Chrome
	G :Gold
	N :Natural
	CO :Copper
	MO :Mocha

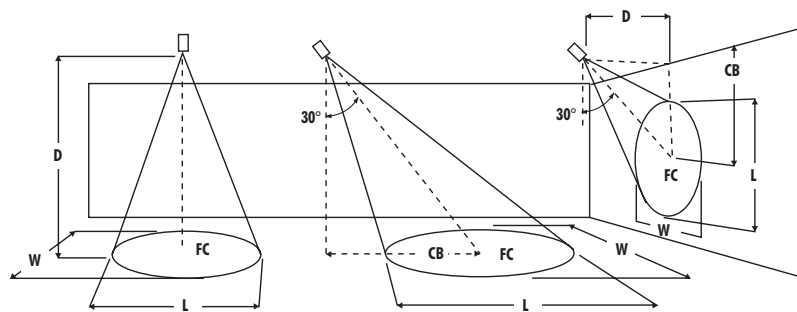
Ordering example: LH27A/LR419W

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.
 CB : Distance to the center of the beam.

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.

PAR30 Halogen E26 Medium Base



	0° Aiming Angle Horizontal Foot candles					30° Aiming Angle Horizontal Foot candles					30° Aiming Angle Vertical Foot candles					45° Aiming Angle Vertical Foot candles				
	D	FC	L	W		D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
50W PAR30 / NSP7 Beam Spread = 7° CBCP = 17,000 Rated Life = 3,000 Hrs.	5	1065	0.6	0.6		5	690	0.7	0.6	--	3	236	1.7	0.8	5.6	3	663	0.8	0.6	3.0
	6	472	0.8	0.8		6	307	1.1	1.0	--	4	133	2.3	1.1	6.9	4	376	1.1	0.8	4.0
	9	266	1.1	1.1		9	73	1.5	1.3	--	5	85	2.8	1.4	8.7	5	241	1.4	1.0	5.0
	10	170	1.4	1.4		10	110	1.9	1.6	--	6	59	3.4	1.7	10.4	6	169	1.7	1.2	6.0
50W PAR30 / NFL25 Beam Spread = 25° CBCP = 3,000 Rated Life = 3,000 Hrs.	5	189	1.8	1.8		5	122	2.5	2.1	--	3	42	6.6	2.8	5.2	3	118	2.9	2.0	3.0
	6	85	2.8	2.8		6	54	8.8	3.2	--	4	23	8.8	3.7	6.9	4	66	3.9	2.6	4.0
	9	47	3.7	3.7		9	30	5.0	4.3	--	5	15	11.1	4.8	8.7	5	42	4.9	3.4	5.1
	11	31	4.8	4.8		11	19	6.2	5.3	--	6	10	13.1	5.4	10.2	6	28	5.9	3.9	6.1
50W PAR30 / FL35 Beam Spread = 35° CBCP = 1,600 Rated Life = 3,000 Hrs.	4	101	2.5	2.5		4	64	3.8	3.0	--	3	22	12.0	4.0	5.2	3	63	4.6	2.9	3.0
	7	45	4.1	4.1		7	28	5.5	4.7	--	4	13	16.0	5.5	6.8	4	35	6.1	3.9	4.1
	8	26	5.5	5.5		8	16	7.5	6.1	--	6	8	20.2	4.6	8.8	6	24	7.6	4.8	5.0
	10	17	6.8	6.8		10	11	9.4	7.6	--	7	4	--	9.4	12.2	7	12	10.6	6.5	7.1