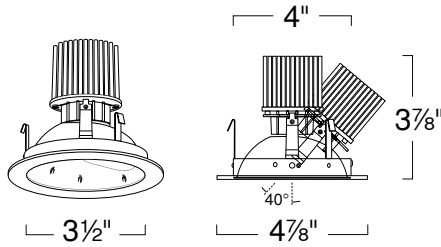


LR4LH71 - 3.5" LED 12W ADJUSTABLE ACCENT/SLOPED 4" 12W MINI-ARC LED



Also available in 6W version, consult factory.



SPECIFICATION

12W Max LED

Application: High-output miniature architectural-grade LED adjustable accent trim for commercial and high-end residential applications. Easily accent objects and illuminate walls to enhance the mood and ambience of a space. Doubles as an adjustable downlight. Trim ring constructed of heavy-duty die-cast aluminum.

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

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

Power Connection: LED lamp array is replaceable via on board quick disconnect terminal. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

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.

Ring Finish: Available in Black Reflector / White Ring, White Reflector / White Ring and Satin Reflector / White Ring.

Beam Spread: Available in 45° Narrow Flood and 60° Wide Flood.

LED: Available in 3000K, 3000K, 90CRI, 3000K, 97CRI, 1700K*, 2500K*, 2700K, 2700K 90+ CRI, 2700K, 97CRI, 3500K and 4000K. LEDs binned to within 3-Step MacAdam Ellipses (SDCM) and surpasses the ANSI C78 377A standard for color deviation.

Label: cETL Listed

Made in USA

COMPATIBILITY



LHBLD4R

3.5" 12W REMODEL LED HOUSING



LHJLD4

3.5" 12W LED HOUSING

Note: Wattage limitations on compatible items must be met.

LED Details:

12W 650 + Lumen Package

Color Rendering Index (CRI): 80

Color Temperature: 3,000K

Lamp Equivalents: 75W A19, 50W PAR20 FL, 50W MR16 FL

Benefit:

- New High Output 12W LED
- LED binned to within 3-Step MacAdam Ellipses (SDCM)
- Specification grade 90CRI Option
- Singular Optic LED
- Illuminates like 50W MR16

FEATURE:



ORDERING EXAMPLE : LR4LH71SW

LR4LH71	RING FINISH	BEAM SPREAD	LED	RATING
LR4LH71	BW :Black Reflector / White Ring	Blank :45° Narrow Flood	Blank :3000K	Blank :None
	SW :Satin Reflector / White Ring	-B60 :60° Wide Flood	-C90 :3000K, 90CRI	-WL :Wet Location
	WW :White Reflector / White Ring		-C97 :3000K, 97CRI	
			-T17 :1700K*	
			-T25 :2500K*	
			-T27 :2700K	
			-T27-C90 :2700K 90+ CRI	
			-T27-C97 :2700K, 97CRI	
			-T35 :3500K	
			-T40 :4000K	

* Extended Lead Time may apply. Consult Factory.

3.5" LED Downlight Luminaire

Lamp: (1)LED

Total Rated Fixture Lumen :617.44

Total Luminaire Efficacy :51.20 Lm/W

Luminous Diameter :3.25"

LM79 Report File

L08121604

By:

Lighting Sciences Inc.

LR4LH71

LED DETAILS**Light Source Specification**

Color Rendering Index (CRI): 84.19

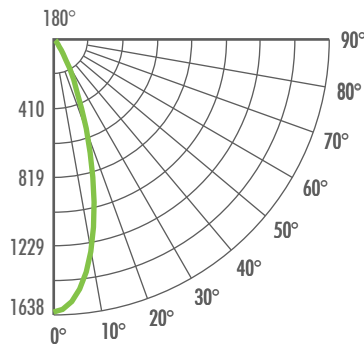
Color Temperature: 3,072K

Estimated Life: 50,000+ hrs. - L70

Lamp Equivalents: 50W MR16, PAR20, PAR30, 75W A19

INTENSITY (CANDLEPOWER) SUMMARY**IN 2.5 DEGREE STEPS**

Angle	Luminance
0	1638.36
2	1623.50
4	1579.66
6	1508.16
8	1412.20
10	1294.86
12	1157.95
14	1013.53
16	864.41
18	720.40
20	577.23
22	457.50
24	355.56
26	277.29
28	208.45
30	154.83
32	114.97
34	86.90
36	65.21
38	47.21
40	34.63
42	26.82
44	21.39
46	17.55
48	14.61
50	12.49
52	10.57
54	8.76
56	6.89
58	4.82
60	2.94
62	1.49
64	0.94
66	0.74
68	0.61
70	0.49
72	0.40
74	0.33
76	0.28
78	0.23
80	0.19
82	0.15
84	0.12
86	0.10
88	0.08
90	0.00

**ZONAL LUMENS SUMMARY**

Zone	Lumens	% Fixt
0 - 20	394.92	64.00
0 - 30	543.24	88.00
0 - 40	593.17	96.10
0 - 60	615.91	99.80
0 - 90	617.44	100.00
10 - 90	477.84	77.40
20 - 40	198.25	32.10
20 - 50	214.12	34.70
40 - 70	23.82	3.90

MULTIPLIERS**REFLECTOR FINISHES**

Black	0.70
White	0.87
Satin	0.90
Clear	1.00

LUMINANCE SUMMARY**CD./SQ.M (FOOTLAMBERTS)**

Angle	Avg. 0-Deg.	Avg. 45-Deg.	Avg. 90-Deg.
45	13045	13045	13045
55	6464	6464	6464
65	942	942	942
75	558	558	558
85	598	598	598

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	139.60
10-20	255.32
20-30	148.32
30-40	49.93
40-50	15.87
50-60	6.87
60-70	1.08
70-80	0.33
80-90	0.12
90-100	0.00