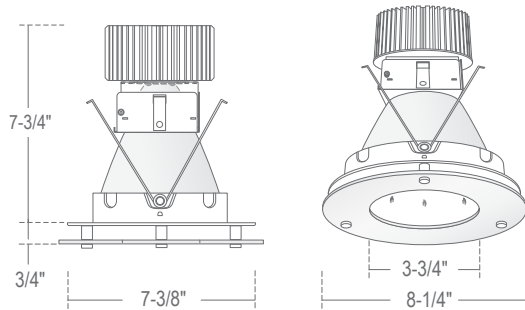


LRALD6021 - 6" ARCHITECTURAL LED GLASS DECO OPEN (4000 LUMEN) 6" ARCHITECTURAL DOWNLIGHT (4000 LUMEN GEN 2)



Max. Ceiling Thickness: 1-1/4"



SPECIFICATION

40W LED

Application: Architectural-grade recessed downlight reflector for low to medium height ceilings for commercial and architectural installations. Reflector designed for minimal glare from lamp without sacrificing lumen output. Decorative glass accent brings style and elegance to any decor. Reduces lamp image while adding a subtle decorative element to architecture.

"Reflector Construction: One piece, self-flanged dual-reflector LED design enables a clean trim finish, without the need for a secondary trim ring. Heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance. Held in place with two steel pressure v-springs for a tight fit and easy scratch-less removal. -B60 option includes Impact-Resistant Polycarbonate lens."

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.

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.

Thermal Temperature: Heat dissipation facilitated by exposed integral aluminum heat sink to maximize heat rejection in an open air environment. Recommended ambient temperature is below 35 degree celsius to achieve minimum L70 life of 50,000 hours according to LM80 standard.

Warranty: Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

Labels: ETL/cETL listed to UL1598 and UL8750. Suitable for damp and wet locations NYC approved: Calendar #41937.

Glass Color: Available in Blue or Frosted. To order, add "-BL" (Blue) or "-FR" (Frosted) to the item number.

Finish: One piece spun low-iridescent aluminum reflector with seamless self-flanged ring Available in Stain Reflector/White Flange and White Reflector & Flange.

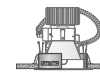
Beam: Available in Flood and Wide Flood.

COMPATIBILITY



LHALD640

6" ARCHITECTURAL
LED FRAME-KIT
(4000LM)



LHALD6R40

6" ARCHITECTURAL
REMODEL LED FRAME-
KIT (4000LM)

Note: Wattage limitations on compatible items must be met.

LED: Available in 1700K*, 2500K*, 2700K, 2700K,90+CRI*, 2700K,97CRI**, 3000K, 3000K,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

Assembled in USA

Benefit:

- Glass Accent reduces LED visibility
- All lumen packages use the same housing
- High 90+ CRI Option
- Deep Reflector eliminates glare
- One piece self-flanged design allows easy installation
- Features Heavy Duty trim connector
- 60° Beam Spread Option

FEATURE:



ORDERING EXAMPLE : LRALD6021SWF350-T27-FR

LRALD6021	FINISH	BEAM	LED	GLASS TYPE
LRALD6021	SWF350 :Stain Reflector/White Flange	Blank :Flood	Blank :3000K	-FR :Frosted
	WWF350 :White Reflector & Flange	-B60 :Wide Flood	-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.

**Only available in 2700K and 3000K.



Tel: 323.904.0200

Product specifications subject to change without notice.

www.liton.com



LRALD6SWF350: 6" LED Downlight

Lamp: (1) LED

Total Rated Fixture Lumen :3377 Lm

Total Luminaire Efficacy :82 Lm/W

Luminous Diameter :5.64"

Color Rendering Index (CRI) :80 +

Color Temperature :3000K

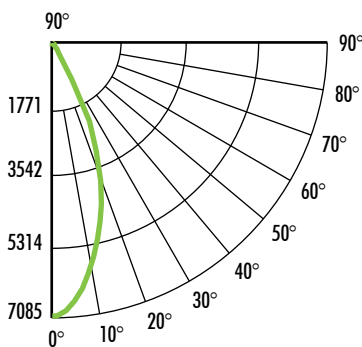
Estimated Life :50,000 hrs. L70

Fixture Data

	LED Module Lumen	Fixture Lumen	Input Wattage
@ 3000K	4000	3377.0	40W
@ 4000K	4120	3478.0	40W

ZONAL LUMENS SUMMARY

Zone	Lumens	% Fixt
0 - 20	1871.39	55.40
0 - 30	2916.68	86.40
0 - 40	3144.19	93.10
0 - 60	3305.97	97.90
0 - 80	3361.31	99.50
0 - 90	3377.27	100.00
10 - 90	2870.79	85.00
20 - 40	1272.80	37.70
20 - 50	1381.51	40.90
40 - 70	199.34	5.90
60 - 80	55.34	1.60
70 - 80	17.78	0.50
80 - 90	0.00	0.50



CANDELA TABULATION

CD./SQ.M (FOOTLAMBERTS)

Angle	0
0.0	7084.80
1.0	7079.04
3.0	6958.08
9.0	6059.52
13.0	5230.08
15.0	4800.96
22.5	3008.16
29.0	1072.80
33.0	308.16
42.5	145.44
55.0	59.04
65.0	20.16
75.0	14.40

PERFORMANCE CHART

CEILING HEIGHT	SPACING	AVG. FOOTCANDLES
50'	8' x 8'	21
50'	6' x 6'	40
40'	8' x 8'	30
40'	6' x 6'	50
30'	8' x 8'	35
30'	6' x 6'	52

LUMINANCE DATA

CD./SQ.M (FOOTLAMBERTS)

Angle	Avg. 0-Deg	Avg. 45-Deg	Avg. 90-Deg
45	11045	11045	11045
55	6380	6380	6380
65	2957	2957	2957
75	3449	3449	3449
85	7169	7169	7169

MULTIPLIERS

FINISHES

Satin Haze	1.0
White	0.9

COLOR TEMP

2,700K	0.93
3,000K	1.00
3,500K	1.01
4,000K	1.03

ZONAL LUMINANCE SUMMARY

CD./SQ.M (FOOTLAMBERTS)

Zone	Lumens
0-10	506.48
10-20	1364.91
20-30	1045.29
30-40	227.51
40-50	108.71
50-60	53.07
60-70	37.56
70-80	17.78
80-90	15.96
90-100	0.00