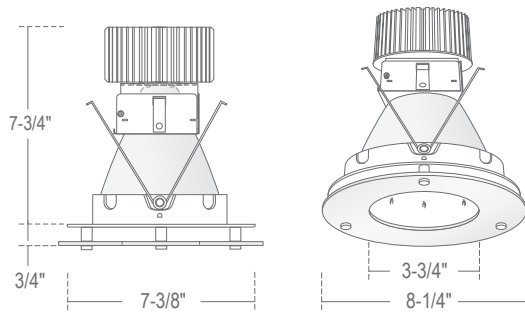


LRALD6021 - 6" ARCHITECTURAL LED GLASS DECO OPEN (2000/3000 LUMEN) 6" ARCHITECTURAL DOWNLIGHT (2000/3000 LUMEN GEN 2)



Max. Ceiling Thickness: 1-1/4"



SPECIFICATION

25W 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 White Reflector & Flange and Satin Reflector/White Flange.

Lumen Package: Available in 2000 Lm and 3000 Lm.

COMPATIBILITY



LHALD625

6" ARCHITECTURAL
LED FRAME-KIT
(1900LM/2000LM/3000LM)



LHALD6R25

6" ARCHITECTURAL
REMODEL LED FRAME-
KIT (1900LM/2000LM/3000LM)

Note: Wattage limitations on compatible items must be met.

Beam: Available in Flood and Wide Flood.

LED: Available in 3000K, 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

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 : LRALD6021SWF151-T27-FR

LRALD6021	FINISH	LUMEN PACKAGE	BEAM	LED	GLASS TYPE
LRALD6021	SWF :Satin Reflector/White Flange	151 :2000 Lm	Blank :Flood	Blank :3000K	-FR :Frosted
	WWF :White Reflector & Flange	240 :3000 Lm	-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.

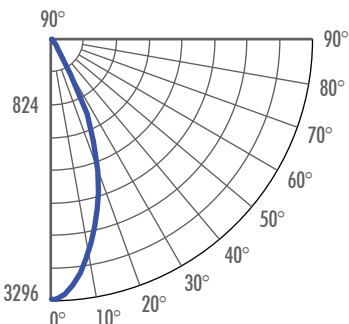
LRALD6 - PHOTOMETRY

6" 2000LM/3000LM DOWNLIGHT

LRALD6SWF151 - FLOOD - 3000K

System Power	:26.0W	Multipliers	
Test Date	:7/2013	4000K	1.04
Beam Angle 50%	:40.9°	3500K	1.02
Field Angle 10%	:61.8°	2700K	0.95
Color Temperature	:3000K	2500K	0.45
CRI	:80 +	1700K	0.42
Lumens Delivered	:1571.7lm	CRI	
CBCP	:3296cd	80CRI (Blank)	:1.00
		90CRI (-C90)	:0.71
		97CRI (-C97)	:0.73

CANDELA TABULATION



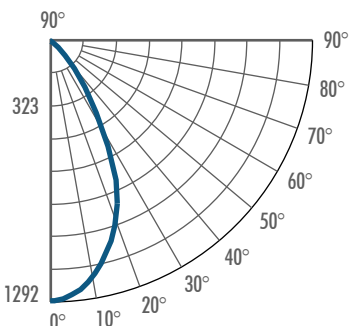
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	6.0'	51.5
12'	8.9'	22.9
16'	11.9'	12.9
20'	14.9'	8.2
24'	17.9'	5.7

LRALD6SWF151-B60 - WIDED FLOOD - 3000K

System Power	:26.0W	Multipliers	
Test Date	:7/2013	4000K	1.04
Beam Angle 50%	:56.0°	3500K	1.02
Field Angle 10%	:91.7°	2700K	0.95
Color Temperature	:3000K	2500K	0.45
CRI	:80 +	1700K	0.42
Lumens Delivered	:1196lm	CRI	
CBCP	:1292cd	80CRI (Blank)	:1.00
		90CRI (-C90)	:0.71
		97CRI (-C97)	:0.73

CANDELA TABULATION



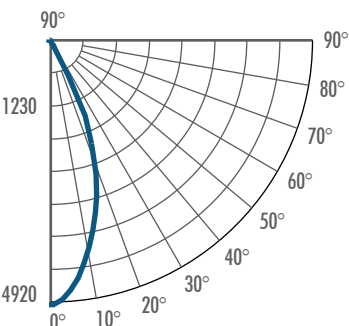
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
6'	6.4'	35.9
8'	8.5'	20.2
10'	10.6'	12.9
12'	12.8'	9.0
14'	14.9'	6.6

LRALD6SWF240 - FLOOD - 3000K

System Power	:27.0W	Multipliers	
Test Date	:7/2013	4000K	1.04
Beam Angle 50%	:40.9°	3500K	1.02
Field Angle 10%	:61.8°	2700K	0.95
Color Temperature	:3000K	2500K	0.45
CRI	:80 +	1700K	0.42
Lumens Delivered	:2345.9lm	CRI	
CBCP	:4920cd	80CRI (Blank)	:1.00
		90CRI (-C90)	:0.71
		97CRI (-C97)	:0.73

CANDELA TABULATION



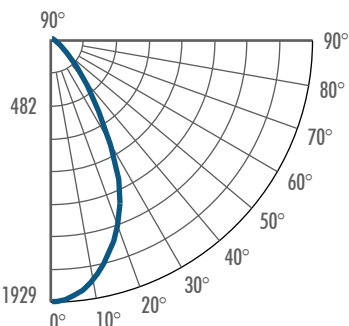
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	6.0'	76.9
12'	8.9'	34.2
16'	11.9'	19.2
20'	14.9'	12.3
24'	17.9'	8.5

LRALD6SWF240-B60 - WIDE FLOOD - 3000K

System Power	:27.8W	Multipliers	
Test Date	:7/2013	4000K	1.04
Beam Angle 50%	:56.0°	3500K	1.02
Field Angle 10%	:91.6°	2700K	0.95
Color Temperature	:3000K	2500K	0.45
CRI	:80 +	1700K	0.42
Lumens Delivered	:1785.8lm	CRI	
CBCP	:1929cd	80CRI (Blank)	:1.00
		90CRI (-C90)	:0.71
		97CRI (-C97)	:0.73

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
6'	6.4'	53.6
8'	8.5'	30.1
10'	10.6'	19.3
12'	12.8'	13.4
14'	14.9'	9.8