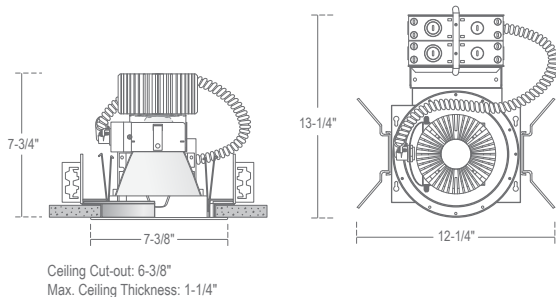


6" Architectural LED Frame-Kit (1900/2000/3000 Lumen) w/ 6" Architectural LED Trim (2000/3000 Lumen) 6" LED ARCHITECTURAL DOWNLIGHT



SPECIFICATION

Application: Architectural-grade recessed LED downlight housing for medium to high ceilings in commercial and architectural spaces.

Housing Frame: 16 gauge galvanized plaster ring with black powder coat finish, friction or V-Spring clips secure trim to housing.

Mounting: Housing suitable for new construction installations only, Bat-Wing bar hanger brackets adjust vertically 3 1/4" for multiple ceiling types and accepts 1/2" EMT. 26" C-Channel Strut for T-bar ceilings and 27" adjustable linear hanger bars for plaster ceilings or wood/metal joists. Heavy duty 16-gauge, die-formed galvanized steel. Bar hangers optional.

Driver: 120V/277V AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted on large access Junction Box. Power Factor > 0.90. Operating Temperature: -10°C to +80°C. Accessible from above or below ceiling. Consult Factory for dimming options and compatible dimmers.

Emergency Options: Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch, plate cover and junction box included. Optional Generator Transfer Device switches the driver to auxiliary generator power during the loss of normal AC power, (recommended for applications requiring individual circuit switching).

Junction Box: 16 gauge pre-wired galvanized steel double Junction Box, 64 cubic-inch for a maximum of (8) #12 AWG wires. Furnished with (10) 3/4", (2) 1" and (8) Romex knock-outs. Strain clamps to install or remove covers for easy access and ground wire. Equipped with safety standard die-cast aluminum fitting for flex-conduit.

Dimming: 0-10V dimming option (-D10) works with most 5-Wire 0-10V dimmers. Available with 1% Deep Dimming Option. Factory qualified for use with Leviton IP710-DLX and Lutron NTFTV-WH. The Lutron Hi-Lume (-DHL) and Ecosystem (-DEC) option designed for use with LUTRON Ecosystem Controls. Uni-Dim™ (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Insulation Contact: Non-IC rated housing must be kept 3" from insulation.

FEATURE:



Application: Architectural-grade recessed downlight reflector for medium to high ceilings in commercial and architectural installations. Reflector designed for minimal glare from lamp without sacrificing lumen output.

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.

Warm Dimming: With this new technology, you can create the warm glow of traditional incandescent dimming while offering extraordinary energy efficiency and service life of LED Lighting. Allow for fixture start at a full 3050K when at full-brightness and smoothly dim down to 5% level with the warm glow of 1850K using dimming option the frame-in kit.

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.

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.

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

Energy Star Qualified

• LHALD625C071UE-DUN/_LRALD6_240_-T35

Ordering example: LHALD625C071UE-DUN-GTD/_LRALD6SWF240-T65

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

LHALD625 19W/25W LED

DRIVER TYPE	OPTION	HANGER BAR
LHALD625C071UE :Non-Dimming (120V/277V)	Blank :None	Blank :None
LHALD625C071UE-D10 :0-10V 10% Dimming (120V/277V)	-EM2 :Emergency (10W)	/C260 :C-Channel Hanger Bar Set
LHALD625C071UE-DHL :HiLume 1% Dimming (120V/277V)	-GTD :Generator Transfer Device	/C260-J :Adjustable C-Channel Hanger Bar Set
LHALD625C071UE-DUN :UniDim™ Dimming (120V/277V)		
LHALD625C071UE-D10P1 :0-10V 1% Dimming (120V/277V)		
LHALD625C071UE-DEC :Lutron Ecosystem (120V/277V)		
LHALD625C071UE-DLI :DALI Dimming (120V/277V)		
LHALD625C071-DIMPZ :2-Wire 0% (120V)		
LHALD625C071UE-DMX :DMX Dimming (120-277V)		
LHALD625C071-347-D10 :347V 0-10V 10% Dimming		

6" ARCHITECTURAL LED TRIM (2000/3000 LUMEN)

LRALD6 19W/25W LED

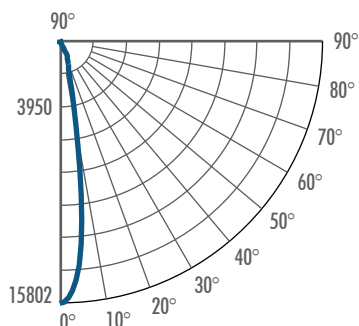
FINISH	LUMEN PACKAGE	BEAM SPREAD	LED
LRALD6SSF :All Satin	151 :2000 Lm	Blank :Flood	Blank :3000K
LRALD6SWF :Satin/White	240 :3000 Lm	-B15 :Spot	-C90 :3000K, 90CRI
LRALD6WWF :All White		-B25 :Narrow Fld	-C97 :3000K, 97CRI
		-B60 :Wide Fld	-T17 :1700K*
			-T25 :2500K*
			-T27 :2700K
			-T27-C90 :2700K, 90+ CRI
			-T27-C97 :2700K, 97CRI
			-T35 :3500K
			-T40 :4000K
			-T65 :6500K
			-TWD :1850K-3050K Warm Dimming**

* Extended Lead Time may apply. Consult Factory.
**Only available for 2000Lm package

LRALD6SSF150-B15-T40 - 2000lm - SPOT - 4000K

System Power	:19.0W	Multipliers	
Test Date	:8/2017	6500K	1.30
Beam Angle 50%	:17.9°	3500K	0.99
Field Angle 10%	:39.7°	3000K	0.97
Color Temperature	:4021K	2700K	0.95
CRI	:84.8	2500K	0.45
R9 Value	:21.9	1700K	0.42
Lumens Delivered	:2727lm	CRI	
CBCP	:15730cd	80CRI (Blank)	:1.00
Power Factor	:1.00	90CRI (-C90)	:0.71
		97CRI (-C97)	:0.73

CANDELA TABULATION



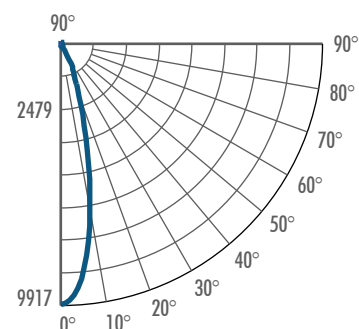
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	2.5'	245.8
15'	4.7'	69.9
20'	6.3'	39.3
25'	7.9'	25.2
30'	9.4'	17.5

LRALD6SSF150-B25-T40 - 2000lm - NARROW FLOOD - 4000K

System Power	:19.0W	Multipliers	
Test Date	:8/2017	6500K	1.30
Beam Angle 50%	:25.2°	3500K	0.99
Field Angle 10%	:54.0°	3000K	0.97
Color Temperature	:3993K	2700K	0.95
CRI	:85.7	2500K	0.45
R9 Value	:23.9	1700K	0.42
Lumens Delivered	:2686lm	CRI	
CBCP	:9882cd	80CRI (Blank)	:1.00
Power Factor	:1.00	90CRI (-C90)	:0.71
		97CRI (-C97)	:0.73

CANDELA TABULATION



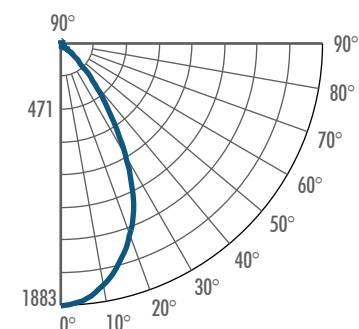
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	3.6'	154.4
15'	6.7'	43.9
20'	8.9'	24.7
25'	11.2'	15.8
30'	13.4'	11.0

LRALD6SSF150-B60-T40 - 2000lm - WIDE FLOOD - 4000K

System Power	:19.0W	Multipliers	
Test Date	:8/2017	6500K	1.30
Beam Angle 50%	:60.8°	3500K	0.99
Field Angle 10%	:97.5°	3000K	0.97
Color Temperature	:3894K	2700K	0.95
CRI	:85.3	2500K	0.45
R9 Value	:22.0	1700K	0.42
Lumens Delivered	:2121lm	CRI	
CBCP	:1881cd	80CRI (Blank)	:1.00
Power Factor	:1.00	90CRI (-C90)	:0.71
		97CRI (-C97)	:0.73

CANDELA TABULATION



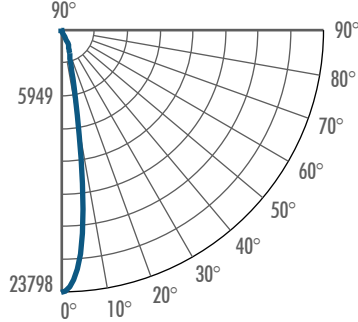
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	9.4'	29.4
12'	14.1'	13.1
16'	18.8'	7.3
20'	23.5'	4.7
24'	28.2'	3.3

LRALD6SSF240-B15-T40 - 3000lm - SPOT - 4000K

System Power	:25.0W	Multipliers	
Test Date	:8/2017	6500K	1.30
Beam Angle 50%	:17.9°	3500K	0.99
Field Angle 10%	:39.7°	3000K	0.97
Color Temperature	:4021K	2700K	0.95
CRI	:84.8	2500K	0.45
R9 Value	:21.9	1700K	0.42
Lumens Delivered	:4108lm	CRI	
CBCP	:23690cd	80CRI (Blank)	:1.00
Power Factor	:1.00	90CRI (-C90)	:0.71
		97CRI (-C97)	:0.73

CANDELA TABULATION



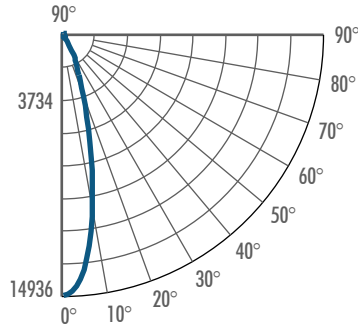
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	2.5'	370.2
15'	4.7'	105.3
20'	6.3'	59.2
25'	7.9'	37.9
30'	9.4'	26.3

LRALD6SSF240-B25-T40 - 3000lm - NARROW FLOOD - 4000K

System Power	:25.0W	Multipliers	
Test Date	:8/2017	6500K	1.30
Beam Angle 50%	:25.2°	3500K	0.99
Field Angle 10%	:54.0°	3000K	0.97
Color Temperature	:3993K	2700K	0.95
CRI	:85.7	2500K	0.45
R9 Value	:23.9	1700K	0.42
Lumens Delivered	:4045lm	CRI	
CBCP	:14882cd	80CRI (Blank)	:1.00
Power Factor	:1.00	90CRI (-C90)	:0.71
		97CRI (-C97)	:0.73

CANDELA TABULATION



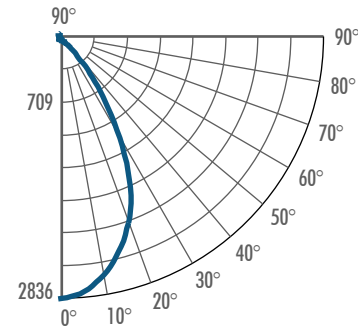
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	3.6'	232.5
15'	6.7'	66.1
20'	8.9'	37.2
25'	11.2'	23.8
30'	13.4'	16.5

LRALD6SSF240-B60-T40 - 3000lm - WIDE FLOOD - 4000K

System Power	:25.0W	Multipliers	
Test Date	:8/2017	6500K	1.30
Beam Angle 50%	:60.8°	3500K	0.99
Field Angle 10%	:97.5°	3000K	0.97
Color Temperature	:3894K	2700K	0.95
CRI	:85.3	2500K	0.45
R9 Value	:22.0	1700K	0.42
Lumens Delivered	:3195lm	CRI	
CBCP	:2833cd	80CRI (Blank)	:1.00
Power Factor	:1.00	90CRI (-C90)	:0.71
		97CRI (-C97)	:0.73

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	9.4'	44.3
12'	14.1'	19.7
16'	18.8'	11.1
20'	23.5'	7.1
24'	28.2'	4.9