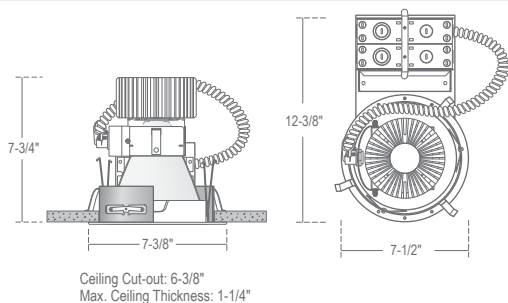


6" Architectural Remodel LED Frame-Kit (4000LM) w/ 6" Architectural LED Trim (4000Lm) 6" LED ARCHITECTURAL DOWNLIGHT



SPECIFICATION

Ceiling cut-out: 6 3/4"

Application: Architectural-grade recessed LED downlight remodel housing for medium to high ceilings combines energy efficiency with powerful lumen output.

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 existing or new construction installations, supplied with 4 high tension remodeling clips, designed to secure the housing to an existing sheetrock ceiling up to 1" thick for fast and easy installation from below the ceiling line.

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.

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

Caution: LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

Label: cETL Listed

Assembled in USA

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.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Color Temperature: Comes standard with 3000K Warm White LEDs binned to within 3-Step MacAdam Ellipses (SDCM) and surpasses the ANSI C78 377A standard for color deviation. Available in other color temperatures, 2700K, 3500K and 4000K, binned according to the ANSI standard. To order, use "-T" suffix followed by color temperature. Example: -T40 = 4000k. Consult factory as extended lead times and minimum order quantities apply.

Thermal Management: 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.

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

6" ARCHITECTURAL REMODEL LED FRAME-KIT (4000LM) LHALD6R40 40W 120V/277V

DRIVER TYPE (ALL 120V/277V)	OPTION
LHALD6R40C105UE :Non-Dimming	Blank :None
LHALD6R40C105UE-D10 :0-10V 10% Dimming	-EM2 :Emergency (10W)
LHALD6R40C105UE-DUN :UniDim™ Universal Dimming	-GTD :Generator Transfer Device
LHALD6R40C105-DINPZ :2-Wire 0% Dimming (120V)	
LHALD6R40C105UE-D10P1 :0-10V 1% Dimming	

6" ARCHITECTURAL LED TRIM (4000LM) LRALD6 40W LED

Ordering example: LHALD6R40C105UE/LRALD6SSF350-T27

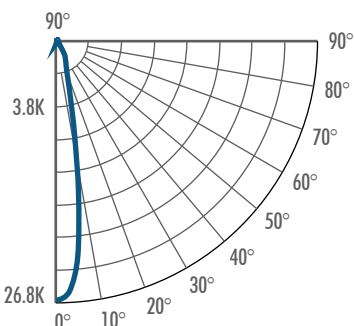
FINISH	BEAM SPREAD	LED
LRALD6SSF350 :All Satin	Blank :Flood	Blank :3000K
LRALD6SWF350 :Satin/White	-B15 :Spot	-C90 :3000K, 90CRI
LRALD6WWF350 :All White	-B25 :Narrow Flood	-C97 :3000K, 97CRI**
	-B60 :Wide Flood	-T17 :1700K*
		-T25 :2500K*
		-T27 :2700K
		-T27-C90 :2700K, 90 + CRI
		-T27-C97 :2700K, 97CRI**
		-T35 :3500K
		-T40 :4000K

* Extended Lead Time may apply. Consult Factory.
**Only available in 2700K and 3000K.

LRALD6SSF350-B15-T40 - SPOT - 4,000K

System Power	:43.8W	Multipliers	
Test Date	:11/2016	3500K	0.99
Beam Angle 50%	:17.7°	3000K	0.97
Field Angle 10%	:40.4°	2700K	0.95
Color Temperature	:4080K	2500K	0.45
CRI	:84.2	1700K	0.42
R9 Value	:24.2	CRI	
Lumens Delivered	:4628lm	80CRI (Blank)	:1.00
CBCP	:26955cd	90CRI (-C90)	:0.71
Power Factor	:0.99	97CRI (-C97)	:0.73

CANDELA TABULATION



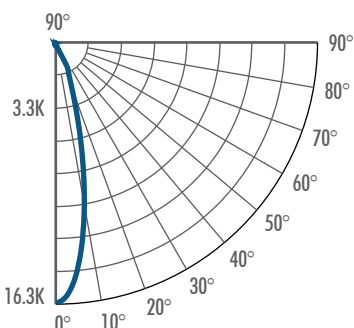
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
3.3'	1.0'	2492.4
6.6'	2.0'	623.1
9.8'	3.1'	276.9
13.1'	4.1'	155.8
16.4'	5.1'	99.7

LRALD6SSF350-B25-T40 - NARROW FLOOD - 4,000K

System Power	:43.8W	Multipliers	
Test Date	:11/2016	3500K	0.99
Beam Angle 50%	:25.1°	3000K	0.97
Field Angle 10%	:54.4°	2700K	0.95
Color Temperature	:4086K	2500K	0.45
CRI	:83.9	1700K	0.42
R9 Value	:22.3	CRI	
Lumens Delivered	:4516lm	80CRI (Blank)	:1.00
CBCP	:16368cd	90CRI (-C90)	:0.71
Power Factor	:0.99	97CRI (-C97)	:0.73

CANDELA TABULATION



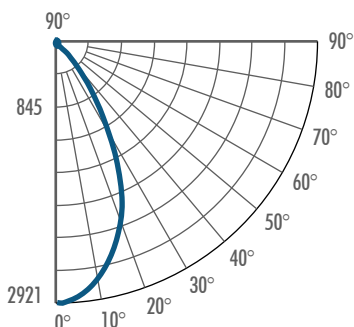
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
3.3'	1.5'	1518.9
6.6'	2.9'	379.7
9.8'	4.4'	168.8
13.1'	5.9'	94.9
16.4'	7.3'	60.8

LRALD6SSF350-B60-T40 - WIDE FLOOD - 4000K

System Power	:44.3W	Multipliers	
Test Date	:11/2016	3500K	0.99
Beam Angle 50%	:60.2°	3000K	0.97
Field Angle 10%	:97.2°	2700K	0.95
Color Temperature	:3982K	2500K	0.45
CRI	:83.5	1700K	0.42
R9 Value	:20.2	CRI	
Lumens Delivered	:3519lm	80CRI (Blank)	:1.00
CBCP	:3210cd	90CRI (-C90)	:0.71
Power Factor	:0.99	97CRI (-C97)	:0.73

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
3.3'	3.8'	297.8
6.6'	7.6'	74.4
9.8'	11.4'	33.1
13.1'	15.2'	18.6
16.4'	19.0'	11.9

RECOMMENDED SPACING

20 FEET

Layout	FC	Max/Min	W/sf2
10 x 10	29	1.19	0.41
8 x 8	47	1.23	0.641

24 FEET

Layout	FC	Max/Min	W/sf2
12 x 12	21	1.14	0.308
8 x 8	44	1.38	0.641

30 FEET

Layout	FC	Max/Min	W/sf2
12 x 12	20	1.29	0.308
8 x 8	41	1.6	0.641