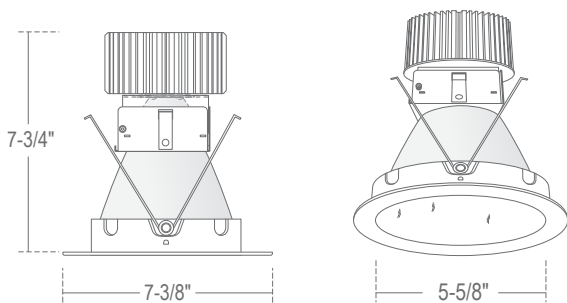


LRALD6 - 6" ARCHITECTURAL LED TRIM (4000LM) 6" ARCHITECTURAL DOWNLIGHT (4000LM)



Max. Ceiling Thickness: 1-1/4"

SPECIFICATION

40W LED

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.

Finish: One piece low-iridescent spun aluminum reflector with seem-less self-flanged ring Available in All Satin, Satin/White and All White.

Beam Spread: Available in Flood, Spot, Narrow Flood and Wide Flood. B60 option uses a 2 3/4" polycarbonate shatter-proof dome lens mounted at the top of the reflector. Diffused finish completely seals the light source from harsh ambient environments and eliminates sight of LED's Light Emitting Surface.

COMPATIBILITY



LH640

6" ARCHITECTURAL
LED FRAME-KIT
(4000LM)



LH6R40

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

Note: Wattage limitations on compatible items must be met.

LED: Available in 3000K, 3000K, 90CRI, 3000K, 97CRI**, 1700K*, 2500K*, 2700K, 2700K,90+CRI, 2700K, 97CRI**, 3500K and 4000K.

Label: cETL Listed

Assembled in USA

Benefit:

- High lumen output for ceilings up to 50'
- Equivalent to 70W CMH-PAR30 HID Downlight
- Instant on, no re-strike delay
- 0-10V dimming option for hassle-free system compatibility

Energy Star Qualified

- LH640C105UE-DUN_/LRALD6_350_-T35

FEATURE:



ORDERING EXAMPLE : LRALD6SSF350-T27

LRALD6	FINISH	BEAM SPREAD	LED
LRALD6	SSF350 :All Satin	Blank :Flood	Blank :3000K
	SWF350 :Satin/White	-B15 :Spot	-C90 :3000K, 90CRI
	WWF350 :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.



Tel: 323.904.0200

Product specifications subject to change without notice.

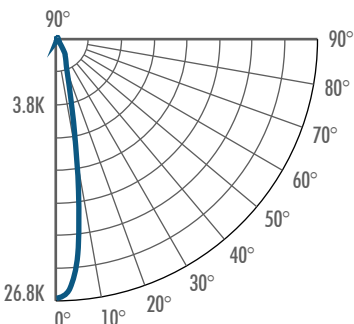
www.liton.com



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



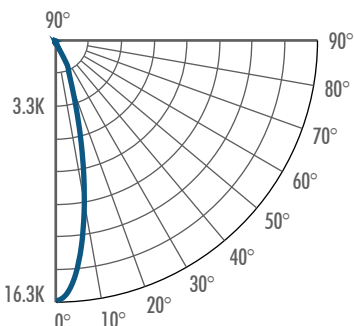
FOOTCANDLE DISTRIBUTION

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



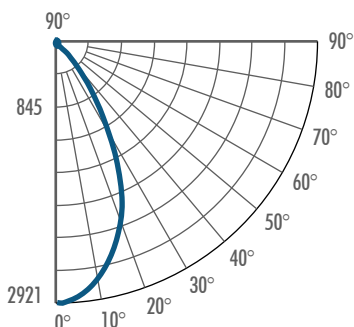
FOOTCANDLE DISTRIBUTION

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