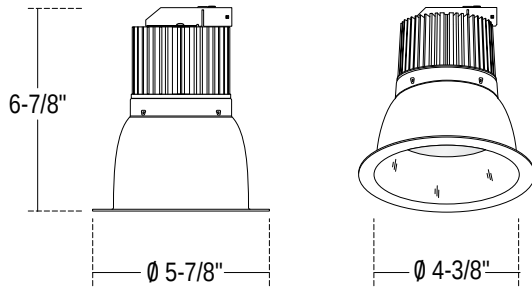


LRALD4 - 4" ARCHITECTURAL LED TRIM (2000/3000 LUMEN) GEN3

4" ARCHITECTURAL LED DOWNLIGHTING



Gen3 Housing/Trim is NOT compatible with Gen2 Housing/Trim



SPECIFICATION

25W/2000LM 32W/3000LM 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.

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.

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.

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

COMPATIBILITY



LHALD4R25

**4" ARCHITECTURAL
LED REMODEL FRAME-
KIT (2000LM/3000LM) GEN3**



LHALD425

**4" ARCHITECTURAL
LED FRAME-KIT
(2000LM/3000LM) GEN3**

Note: Wattage limitations on compatible items must be met.

Finish: One piece low-iridescent spun aluminum reflector with seamless self-flanged ring. Available in White Reflector/White Flange, Satin Haze Refl/White Flange and Satin Haze Refl/Satin Flange.

Lumen Package: Available in 2000Lm 25W and 3000Lm 32W.

Beam Spread: Available in 45° Flood, 25° Narrow and 60° Wide.

LED: Available in 3000K,80 CRI, 3000K,90 CRI, 3000K, 97CRI**, 1700K*, 2500K*, 2700K,90 CRI, 2700K, 97CRI**, 3500K,90 CRI, 4000K,90 CRI, 6500K and 1850K-3050K Warm Dimming***.

Label: cETL Listed

Assembled in USA

Benefit:

- 80 CRI Standard
- Low Glare Dual-Optical Design
- Tool-Less LED Module Replacement
- New 25°, 45° and 60° Options
- Warm Dimming option (Incandescent-like dimming)

FEATURE:



ORDERING EXAMPLE : LRALD4SSF242-B25-T65

LRALD4	FINISH	LUMEN PACKAGE	BEAM SPREAD	LED
LRALD4				
SSF	:Satin Haze Refl/Satin Flange	152 :2000Lm 25W	Blank :45° Flood	Blank :3000K
SWF	:Satin Haze Refl/White Flange	242 :3000Lm 32W	-B25 :25° Narrow	-C90 :3000K,90 CRI
WWF	:White Reflector/White Flange		-B60 :60° Wide	-C97 :3000K, 97CRI*
				-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

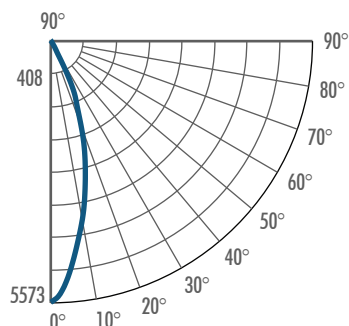
LRALD4 (GEN3) - PHOTOMETRY

4" ARCHITECTURAL LED TRIM

LRALD4SWF152-T40 - 2000lm - Flood - 4000K

System Power	:27.0W	Multipliers	
Test Date	:7/2016	3500K	0.99
Beam Angle 50%	:31.9°	3000K	0.97
Field Angle 10%	:57.9°	2700K	0.95
Color Temperature	:4000K	2500K	0.45
CRI	:80.0	1700K	0.42
Lumens Delivered	:2185lm	CRI	
CBCP	:5573cd	80CRI (Blank)	:1.00
Power Factor	:1.00	90CRI (-C90)	:0.71
		97CRI (-C97)	:0.73

CANDELA TABULATION



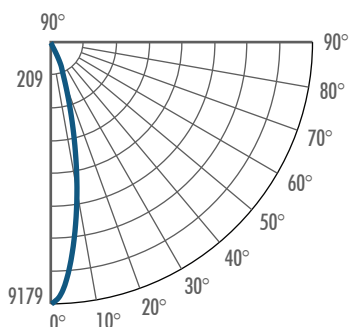
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	5.7'	56.0
14'	8.1'	28.6
18'	10.3'	17.3
22'	12.6'	11.6
28'	16.0'	7.1

LRALD4SWF152-B25-T40 - 2000lm - Narrow - 4000K

System Power	:27.0W	Multipliers	
Test Date	:7/2016	3500K	0.99
Beam Angle 50%	:23.5°	3000K	0.97
Field Angle 10%	:50.2°	2700K	0.95
Color Temperature	:4000K	2500K	0.45
CRI	:80.0	1700K	0.42
R9 Value	:69.7	CRI	
Lumens Delivered	:2235lm	80CRI (Blank)	:1.00
CBCP	:9131cd	90CRI (-C90)	:0.71
Power Factor	:1.00	97CRI (-C97)	:0.73

CANDELA TABULATION



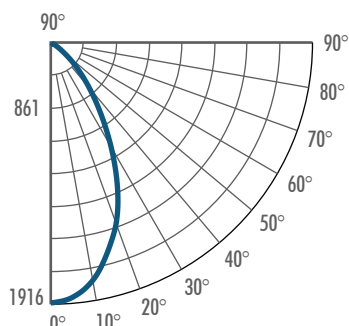
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	4.2'	91.8
15'	6.2'	40.8
20'	8.3'	23.0
25'	10.4'	14.7
36'	15.0'	7.1

LRALD4SWF152-B60-T40 - 2000lm - Wide - 4000K

System Power	:27.0W	Multipliers	
Test Date	:7/2016	3500K	0.99
Beam Angle 50%	:56.4°	3000K	0.97
Field Angle 10%	:96.7°	2700K	0.95
Color Temperature	:4000K	2500K	0.45
CRI	:80.0	1700K	0.42
R9 Value	:68.7	CRI	
Lumens Delivered	:1976lm	80CRI (Blank)	:1.00
CBCP	:1916cd	90CRI (-C90)	:0.71
Power Factor	:1.00	97CRI (-C97)	:0.73

CANDELA TABULATION



FOOTCANDLE DISTANCE

Height	Beam Diameter	FC
10'	10.7'	19.2
12'	12.9'	13.3
14'	15.0'	9.8
16'	17.2'	7.5
16.3'	17.5'	7.2

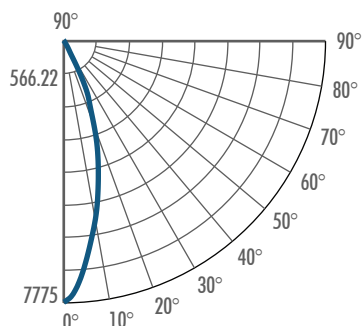
LRALD4 (GEN3) - PHOTOMETRY

4" ARCHITECTURAL LED TRIM

LRALD4SWF242-T40-C90 - 3000lm - Flood - 4000K

System Power	:32.2W	Multipliers	
Test Date	:7/2016	3500K	0.99
Beam Angle 50%	:31.9°	3000K	0.97
Field Angle 10%	:57.9°	2700K	0.95
Color Temperature	:4000K	2500K	0.45
CRI	:90.0	1700K	0.42
Lumens Delivered	:3035lm	CRI	
CBCP	:7740cd	80CRI (Blank)	:1.00
Power Factor	:1.00	90CRI (-C90)	:0.71
		97CRI (-C97)	:0.73

CANDELA TABULATION



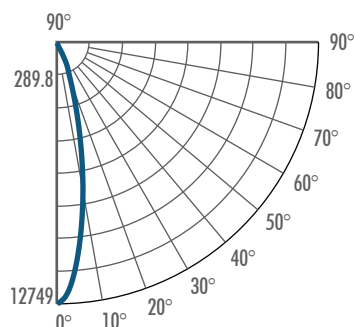
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	5.7'	77.8
14'	8.1'	39.7
18'	10.3'	24.0
22'	12.6'	16.1
28'	16.0'	9.9

LRALD4SWF242-B25-T40-C90 - 3000lm - Narrow - 4000K

System Power	:32.4W	Multipliers	
Test Date	:7/2016	3500K	0.99
Beam Angle 50%	:23.5°	3000K	0.97
Field Angle 10%	:50.2°	2700K	0.95
Color Temperature	:4000K	2500K	0.45
CRI	:90.0	1700K	0.42
R9 Value	:69.7	CRI	
Lumens Delivered	:3104lm	80CRI (Blank)	:1.00
CBCP	:12682cd	90CRI (-C90)	:0.71
Power Factor	:1.00	97CRI (-C97)	:0.73

CANDELA TABULATION



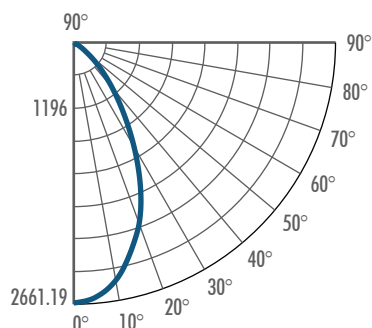
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	4.2'	127.5
15'	6.2'	56.7
20'	8.3'	31.9
25'	10.4'	20.4
36'	15.0'	9.8

LRALD4SWF242-B60-T40-C90 - 3000LM - Wide - 4000K

System Power	:32.2W	Multipliers	
Test Date	:7/2016	3500K	0.99
Beam Angle 50%	:56.4°	3000K	0.97
Field Angle 10%	:96.7°	2700K	0.95
Color Temperature	:4000K	2500K	0.45
CRI	:90.0	1700K	0.42
R9 Value	:68.7	CRI	
Lumens Delivered	:2745lm	80CRI (Blank)	:1.00
CBCP	:2661cd	90CRI (-C90)	:0.71
Power Factor	:1.00	97CRI (-C97)	:0.73

CANDELA TABULATION



FOOTCANDLE DISTANCE

Height	Beam Diameter	FC
10'	10.7'	26.6
12'	12.9'	18.5
14'	15.0'	13.6
16'	17.2'	10.4
16.3'	17.5'	10