

LRALD8SWF150: 8" LED Downlight Luminaire

Lamp: (1) LED

Total Rated Fixture Lumen :1543 Lm

Total Luminaire Efficacy :53 Lm/W

Luminous Diameter :6.12"

Color Rendering Index (CRI) :80 +

Color Temperature :3050K

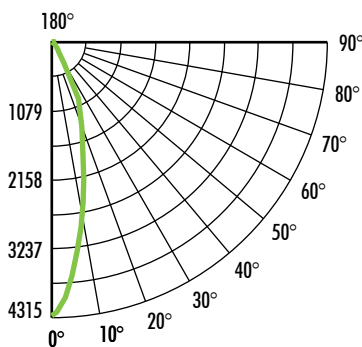
Estimated Life :50,000 hrs. L70

Fixture Data

	LED Module Lumen	Fixture Lumen	Input Wattage
@ 3000K	1400	1080.0	19W
	2000	1543.0	25W
	3000	2315.0	28W
@ 4000K	1442	1112.4	19W
	2060	1589.3	25W
	3090	2384.5	28W

ZONAL LUMENS SUMMARY

Zone	Lumens	% Fixt
0 - 20	834.89	54.10
0 - 30	1252.65	81.20
0 - 40	1366.81	88.60
0 - 60	1468.41	95.20
0 - 80	1523.22	98.70
0 - 90	1543.01	100.00
10 - 90	1272.21	82.50
20 - 40	531.92	34.50
20 - 50	599.72	38.90
40 - 70	134.26	8.70
60 - 80	54.81	3.60
70 - 80	22.15	1.40
80 - 90	19.79	1.30



CANDELA TABULATION

CD./SQ.M (FOOTLAMBERTS)

Angle	0
0.0	4315.347
1.0	4257.235
3.0	4029.092
9.0	2942.184
13.0	2221.166
17.0	1661.570
22.5	1164.390
29.0	391.717
37.5	139.899
42.5	83.939
55.0	43.046
65.0	25.828
75.0	17.218

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	20	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	94	93
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87
3	103	96	92	88	101	95	91	87	92	89	86	90	87	84	88	85	83	81
4	98	91	86	82	96	90	85	81	88	83	80	86	82	79	84	81	78	77
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	73
6	90	82	76	72	89	81	76	72	79	75	71	78	74	71	77	73	70	69
7	86	78	72	68	85	77	72	68	76	71	68	75	70	67	74	70	67	66
8	83	74	69	65	82	74	68	65	72	68	64	71	67	64	71	67	64	63
9	80	71	65	62	79	70	65	62	69	65	61	69	64	61	68	64	61	60
10	77	68	63	59	76	67	62	59	67	62	59	66	62	59	65	61	58	57

LUMINANCE DATA

CD./SQ.M (FOOTLAMBERTS)

Angle	Avg. 0-Deg	Avg. 45-Deg	Avg. 90-Deg
45	5448	5448	5448
55	3951	3951	3951
65	3217	3217	3217
75	3502	3502	3502
85	7800	7800	7800

ZONAL LUMINANCE SUMMARY

CD./SQ.M (FOOTLAMBERTS)

Zone	Lumens
0-10	270.79
10-20	564.10
20-30	417.76
30-40	114.16
40-50	67.80
50-60	33.80
60-70	32.66
70-80	22.15
80-90	19.79
90-100	0.00

MULTIPLIERS

LED LUMENS

3,000K	1.50
2,000K	1.00
1,400K	0.70

FINISHES

Satin Haze	1.0
White	0.9

COLOR TEMP

2,700K	0.97
3,000K	1.00
3,500K	1.01
4,000K	1.03