

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: PORTFOLIO

Report Number: P1310362

Luminaire Tested: LDSQA3D13R309035DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310362
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R309035DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

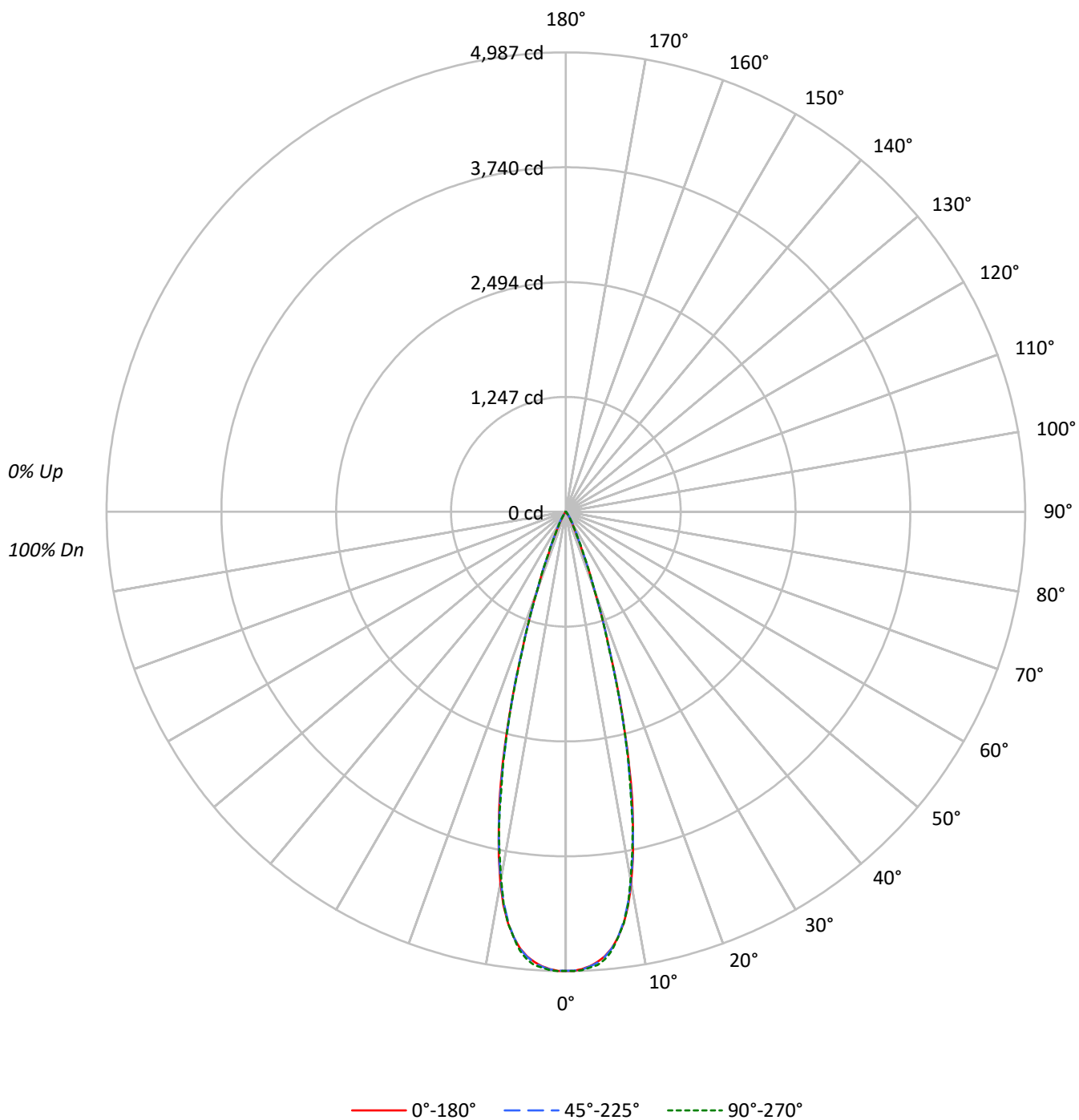
Lumens per Lamp: N/A
Luminaire Lumens: 1286.0 lumens
Efficiency: N/A
Efficacy: 88.1 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	102	101	100	99	99	97	96	95
2	112	108	105	103	109	106	104	102	103	101	99	100	99	97	98	96	95	94	93	92
3	108	104	100	97	106	102	99	97	100	97	95	98	95	94	95	94	92	91	90	89
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88	87	86
5	102	96	92	89	101	95	92	89	94	91	88	92	90	87	91	89	87	86	85	84
6	99	93	89	86	98	92	89	86	91	88	85	90	87	85	89	86	84	83	82	81
7	96	90	86	83	95	90	86	83	89	85	83	87	85	82	87	84	82	81	80	79
8	94	88	84	81	93	87	83	81	86	83	80	85	82	80	84	82	80	79	78	77
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	77	76	75
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	80	78	76	75	74	73

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	858340	858340	858340
5°	837399	838436	843104
10°	715204	711882	707685
15°	441359	436188	437793
20°	166817	167734	167550
25°	51307	56267	53588
30°	20682	26250	21477
35°	6097	11143	6307
40°	2473	4496	2473
45°	487	1461	487
50°	0	268	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1461 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	439.6	34.2
10°-20°	650.8	50.6
20°-30°	161.4	12.6
30°-40°	30.3	2.4
40°-50°	3.8	0.3
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1251.8	97.3
0°-40°	1282.1	99.7
0°-60°	1286.0	100.0
0°-90°	1286.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1286.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4984	4984	4984	4984	4984	
5°	4844	4842	4850	4858	4877	440
15°	2475	2451	2446	2465	2455	654
25°	270	288	296	295	282	155
35°	29	38	53	39	30	24
45°	2	3	6	4	2	2
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4983.9	4983.9	4983.9	4983.9	4983.9
1°	4985.9	4981.9	4981.9	4975.9	4986.9
2°	4967.9	4963.9	4970.9	4965.9	4979.9
3°	4940.8	4935.8	4945.8	4948.8	4955.8
4°	4900.8	4896.8	4907.8	4913.8	4932.8
5°	4843.8	4841.8	4849.8	4857.8	4876.8
6°	4765.8	4762.8	4767.8	4777.8	4789.8
7°	4652.8	4646.8	4650.8	4652.8	4655.8
8°	4509.8	4500.8	4495.8	4506.8	4512.8
9°	4325.7	4315.7	4304.7	4300.7	4314.7
10°	4089.7	4074.7	4070.7	4060.7	4046.7
11°	3815.7	3803.7	3800.7	3782.6	3774.6
12°	3501.6	3495.6	3502.6	3491.6	3487.6
13°	3200.5	3162.5	3157.5	3136.5	3125.5
14°	2844.5	2809.5	2808.5	2797.5	2812.5
15°	2475.4	2451.4	2446.4	2465.4	2455.4
17.5°	1578.3	1594.3	1590.3	1580.3	1563.3
20°	910.2	899.2	915.2	919.2	914.2
22.5°	485.1	489.1	492.1	504.1	512.1
25°	270.0	288.0	296.1	295.1	282.0
27.5°	168.0	179.0	194.0	184.0	173.0
30°	104.0	113.0	132.0	114.0	108.0
32.5°	56.0	71.0	85.0	71.0	58.0
35°	29.0	38.0	53.0	39.0	30.0
37.5°	19.0	22.0	34.0	22.0	19.0
40°	11.0	14.0	20.0	14.0	11.0
42.5°	5.0	8.0	11.0	8.0	5.0
45°	2.0	3.0	6.0	4.0	2.0
47.5°	0.0	1.0	3.0	1.0	0.0
50°	0.0	0.0	1.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)