

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: P1316575

Luminaire Tested: LDSQA3D13R259740DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316575
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R259740DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

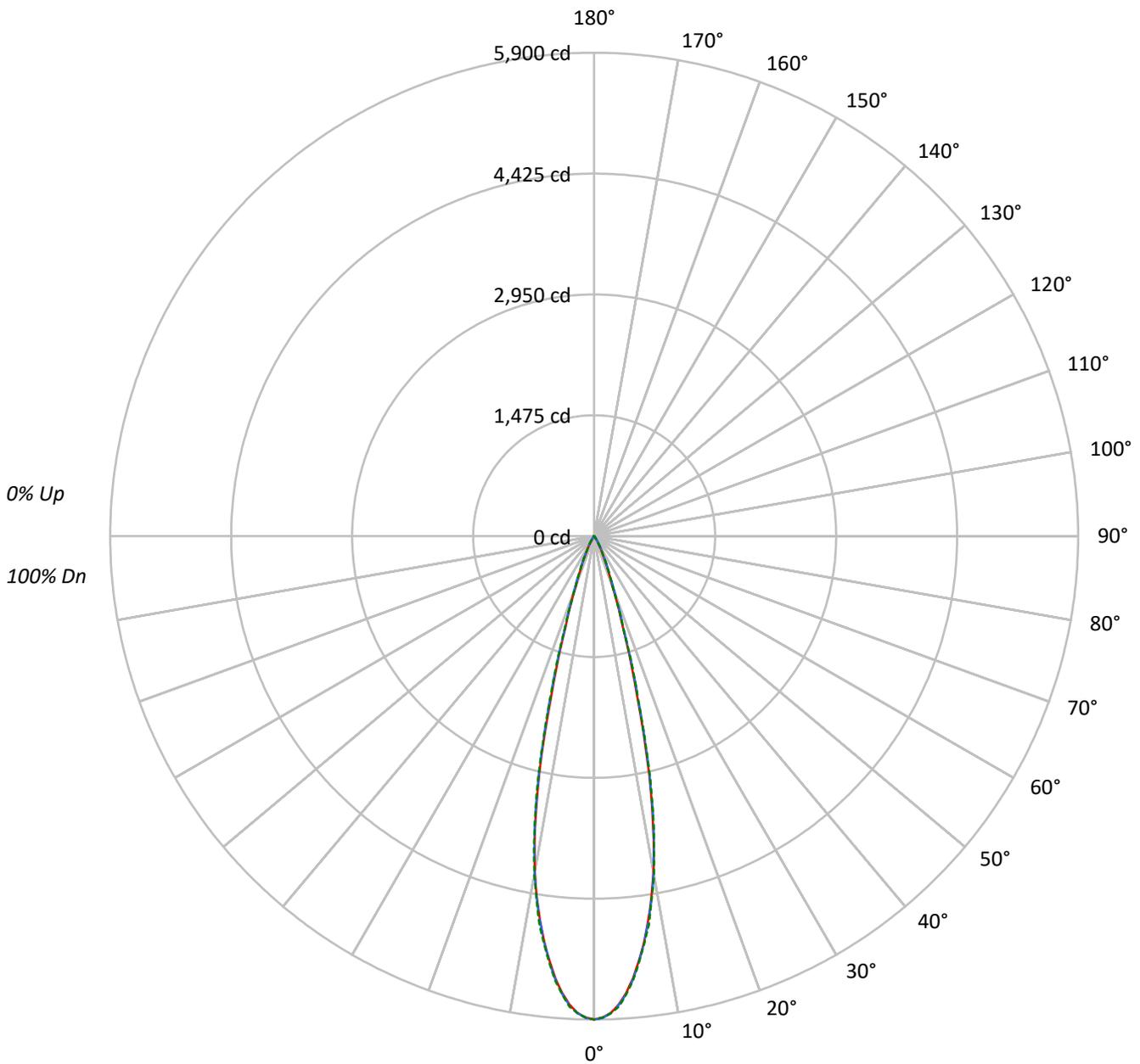
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1228.0 lumens
Efficiency: N/A
Efficacy: 84.1 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
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 (A_{in}): 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



— 0°-180° - - 45°-225° - · - · 90°-270°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									20									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	10	50	30	10	50	30	10	50	30	10	50	30	10	0																
RCR																																														
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	97	97	97	94	94	94	91	91	91	88	88	88	85	85	85	82	82	82	79	79	79	76	76	76		
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	97	97	94	94	94	91	91	91	88	88	88	85	85	85	82	82	82	79	79	79	76	76	76					
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94	91	91	91	88	88	88	85	85	85	82	82	82	79	79	79	76	76	76								
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	89	89	89	86	86	86	83	83	83	80	80	80	77	77	77	74	74	74								
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89	86	86	86	83	83	83	80	80	80	77	77	77	74	74	74											
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87	84	84	84	81	81	81	78	78	78	75	75	75	72	72	72											
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	84	84	81	81	81	78	78	78	75	75	75	72	72	72	69	69	69											
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	82	82	79	79	79	76	76	76	73	73	73	70	70	70	67	67	67											
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	80	80	77	77	77	74	74	74	71	71	71	68	68	68	65	65	65											
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	78	78	75	75	75	72	72	72	69	69	69	66	66	66	63	63	63											
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	76	76	76	73	73	73	70	70	70	67	67	67	64	64	64	61	61	61											

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1016027	1016027	1016027
5°	936839	938966	940919
10°	727394	730034	733987
15°	359467	374586	374765
20°	121035	129154	123454
25°	50129	55678	51554
30°	19668	24739	19867
35°	5151	10092	5340
40°	1911	4024	1911
45°	219	1145	219
50°	0	241	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: 1145 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	478.0	38.9
10°-20°	578.2	47.1
20°-30°	141.2	11.5
30°-40°	27.4	2.2
40°-50°	3.1	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°	1197.4	97.5
0°-40°	1224.9	99.7
0°-60°	1228.0	100.0
0°-90°	1228.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1228.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5900	5900	5900	5900	5900	
5°	5419	5427	5431	5455	5443	477
15°	2016	2064	2101	2122	2102	568
25°	264	278	293	281	271	134
35°	24	35	48	35	25	22
45°	1	3	5	3	1	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	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5899.5	5899.5	5899.5	5899.5	5899.5
1°	5876.9	5880.7	5881.6	5887.3	5876.0
2°	5823.2	5824.1	5827.0	5838.3	5827.9
3°	5724.3	5730.9	5731.8	5746.9	5749.7
4°	5589.6	5593.3	5600.9	5626.3	5603.7
5°	5419.0	5426.6	5431.3	5454.8	5442.6
6°	5208.0	5209.9	5220.2	5247.6	5230.6
7°	4993.2	4992.3	4993.2	5014.9	5010.2
8°	4734.1	4729.4	4744.5	4770.9	4788.8
9°	4463.7	4470.3	4479.7	4505.2	4484.5
10°	4159.4	4177.3	4174.5	4176.4	4197.1
11°	3809.0	3814.6	3815.6	3835.3	3832.5
12°	3397.3	3397.3	3428.3	3460.4	3450.0
13°	2981.8	3011.0	2990.3	2996.9	3038.3
14°	2497.5	2520.2	2548.4	2574.8	2554.1
15°	2016.1	2064.2	2100.9	2121.6	2101.9
17.5°	1155.0	1171.0	1202.1	1205.9	1193.7
20°	660.4	680.2	704.7	697.2	673.6
22.5°	415.5	421.1	445.6	433.4	427.7
25°	263.8	277.9	293.0	280.7	271.3
27.5°	163.9	173.3	189.4	176.2	165.8
30°	98.9	107.4	124.4	106.5	99.9
32.5°	51.8	64.1	78.2	65.0	51.8
35°	24.5	34.9	48.0	34.9	25.4
37.5°	15.1	18.8	29.2	18.8	15.1
40°	8.5	12.2	17.9	12.2	8.5
42.5°	3.8	6.6	8.5	6.6	4.7
45°	0.9	2.8	4.7	2.8	0.9
47.5°	0.0	0.0	2.8	0.9	0.0
50°	0.0	0.0	0.9	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)