

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: P1319300

Luminaire Tested: LDSQA3D13R609835DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319300
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R609835DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

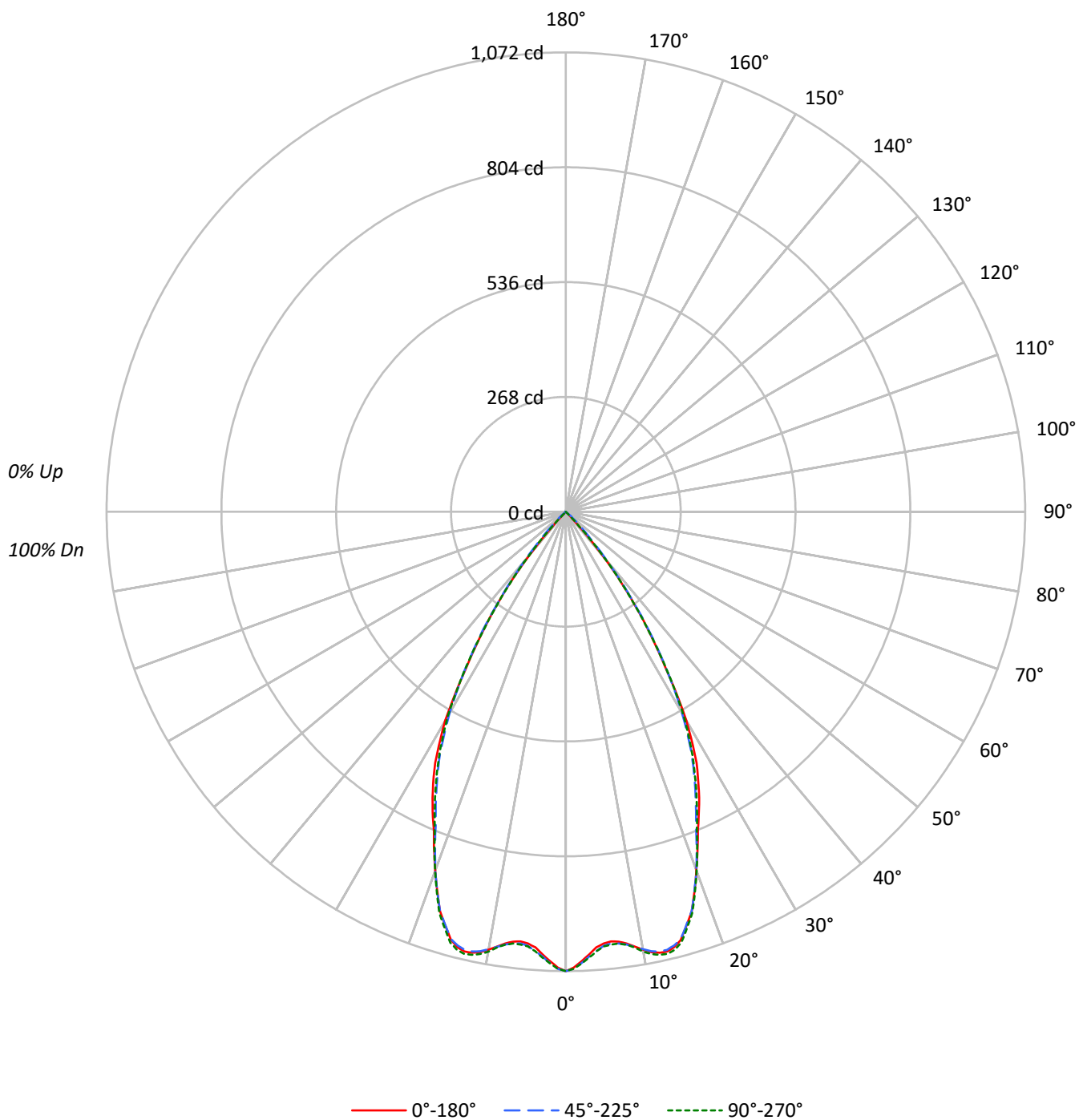
Lumens per Lamp: N/A
Luminaire Lumens: 950.0 lumens
Efficiency: N/A
Efficacy: 65.5 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	184623	184623	184623
5°	174851	175768	176027
10°	181507	181245	182312
15°	184521	184253	185590
20°	163280	163280	163573
25°	139936	135755	136914
30°	111941	107865	109535
35°	69444	70874	69297
40°	30486	33543	31340
45°	365	10887	926
50°	0	1206	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: 10887 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.9	10.3
10°-20°	283.8	29.9
20°-30°	329.5	34.7
30°-40°	207.5	21.8
40°-50°	31.2	3.3
50°-60°	0.2	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°	711.2	74.9
0°-40°	918.7	96.7
0°-60°	950.0	100.0
0°-90°	950.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	950.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1072	1072	1072	1072	1072	
5°	1011	1015	1017	1019	1018	98
15°	1035	1031	1033	1040	1041	284
25°	736	728	714	717	720	335
35°	330	331	337	330	330	206
45°	2	14	45	19	4	20
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°	1072.0	1072.0	1072.0	1072.0	1072.0
1°	1063.7	1066.7	1066.7	1067.5	1066.7
2°	1049.3	1053.8	1053.8	1056.1	1054.6
3°	1034.9	1038.7	1039.4	1042.5	1041.7
4°	1019.0	1025.0	1027.3	1028.8	1028.1
5°	1011.4	1015.2	1016.7	1019.0	1018.2
6°	1008.4	1011.4	1012.9	1015.2	1015.2
7°	1010.6	1012.9	1015.2	1016.7	1015.2
8°	1017.5	1019.7	1019.7	1022.8	1020.5
9°	1027.3	1028.1	1028.1	1031.9	1029.6
10°	1037.9	1036.4	1036.4	1041.7	1042.5
11°	1047.0	1045.5	1044.7	1050.0	1051.5
12°	1052.3	1049.3	1049.3	1056.1	1056.9
13°	1053.1	1049.3	1049.3	1056.1	1058.4
14°	1047.0	1042.5	1043.2	1050.8	1053.1
15°	1034.9	1031.1	1033.4	1040.2	1040.9
17.5°	977.3	975.0	976.5	981.1	981.8
20°	890.9	889.4	890.9	890.9	892.5
22.5°	805.3	801.5	794.0	798.5	799.3
25°	736.4	728.1	714.4	717.4	720.5
27.5°	660.6	650.0	635.6	639.4	640.2
30°	562.9	557.6	542.4	546.2	550.8
32.5°	434.9	449.3	440.2	439.4	440.2
35°	330.3	331.1	337.1	330.3	329.6
37.5°	231.1	231.8	236.4	228.8	229.6
40°	135.6	145.5	149.2	146.2	139.4
42.5°	42.4	75.0	84.9	73.5	47.0
45°	1.5	14.4	44.7	18.9	3.8
47.5°	0.0	0.8	21.2	1.5	0.0
50°	0.0	0.0	4.5	0.0	0.0
52.5°	0.0	0.0	0.8	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)