

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: P1316609

Luminaire Tested: LDSQA3D13R359740DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316609
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R359740DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

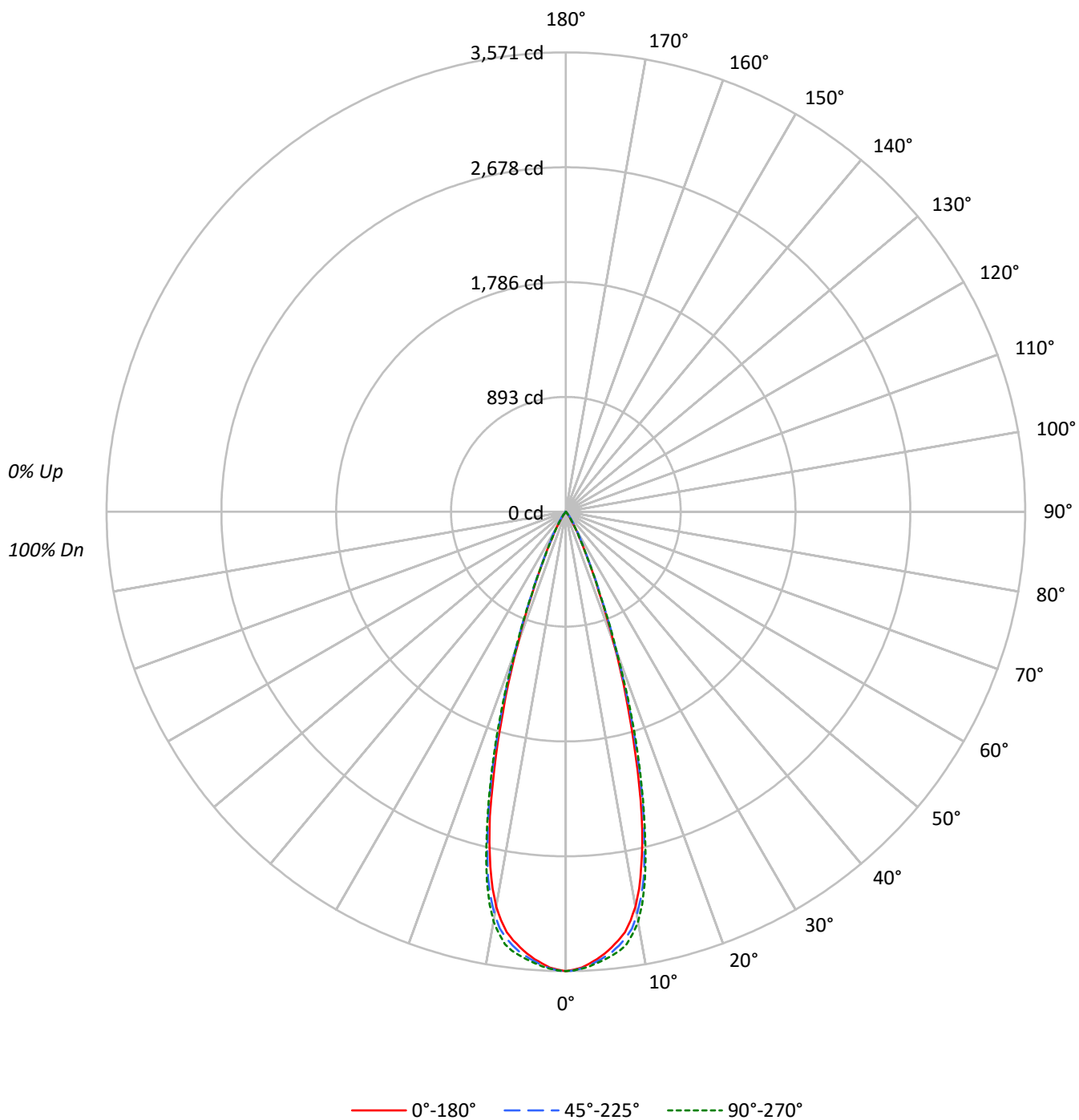
Lumens per Lamp: N/A
Luminaire Lumens: 1189.0 lumens
Efficiency: N/A
Efficacy: 81.4 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	98
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	95	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	92	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	88	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	85	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	82	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	79	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	76	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	74	73	72
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	71	70	69
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	69	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	615024	615024	615024
5°	596369	600604	603854
10°	544959	556484	566050
15°	391899	409033	412385
20°	199532	209539	210052
25°	75707	77303	75156
30°	29412	34086	28657
35°	10092	15831	9503
40°	3395	6138	3170
45°	219	2070	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: 2070 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	323.3	27.2
10°-20°	602.3	50.7
20°-30°	216.5	18.2
30°-40°	42.3	3.6
40°-50°	4.7	0.4
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°	1142.0	96.0
0°-40°	1184.3	99.6
0°-60°	1189.0	100.0
0°-90°	1189.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1189.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3571	3571	3571	3571	3571	
5°	3450	3459	3474	3490	3493	320
15°	2198	2235	2294	2310	2313	584
25°	398	402	407	404	396	209
35°	48	55	75	56	45	36
45°	1	3	8	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3571.1	3571.1	3571.1	3571.1	3571.1
1°	3560.7	3565.4	3566.4	3573.0	3565.4
2°	3545.7	3548.5	3552.2	3557.9	3554.1
3°	3516.5	3522.1	3530.6	3538.1	3538.1
4°	3485.4	3492.9	3503.3	3516.5	3515.5
5°	3449.6	3459.0	3474.1	3490.1	3492.9
6°	3404.4	3415.7	3440.2	3462.8	3466.5
7°	3356.4	3373.3	3396.9	3429.8	3438.3
8°	3299.9	3313.0	3346.9	3385.6	3395.0
9°	3217.0	3236.8	3280.1	3315.9	3321.5
10°	3116.2	3130.3	3182.1	3219.8	3236.8
11°	2986.3	3007.0	3057.8	3096.4	3107.7
12°	2820.5	2850.6	2910.0	2938.2	2947.6
13°	2641.6	2667.0	2713.2	2748.0	2755.5
14°	2440.0	2464.5	2512.6	2540.8	2534.2
15°	2198.0	2234.7	2294.1	2310.1	2312.9
17.5°	1623.6	1647.1	1699.8	1725.3	1743.2
20°	1088.7	1111.3	1143.3	1160.2	1146.1
22.5°	662.0	680.9	697.8	696.9	692.2
25°	398.4	402.1	406.8	404.0	395.5
27.5°	232.6	243.0	257.1	247.7	233.6
30°	147.9	156.3	171.4	155.4	144.1
32.5°	78.2	98.9	114.9	93.2	81.9
35°	48.0	54.6	75.3	55.6	45.2
37.5°	29.2	33.9	47.1	33.0	26.4
40°	15.1	21.7	27.3	19.8	14.1
42.5°	4.7	10.4	15.1	9.4	4.7
45°	0.9	2.8	8.5	2.8	0.9
47.5°	0.0	0.0	3.8	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)