

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: IRiS

Report Number: P1316371

Luminaire Tested: P3SQAS17R259827DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316371
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: IRiS
Catalog Number: P3SQAS17R259827DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

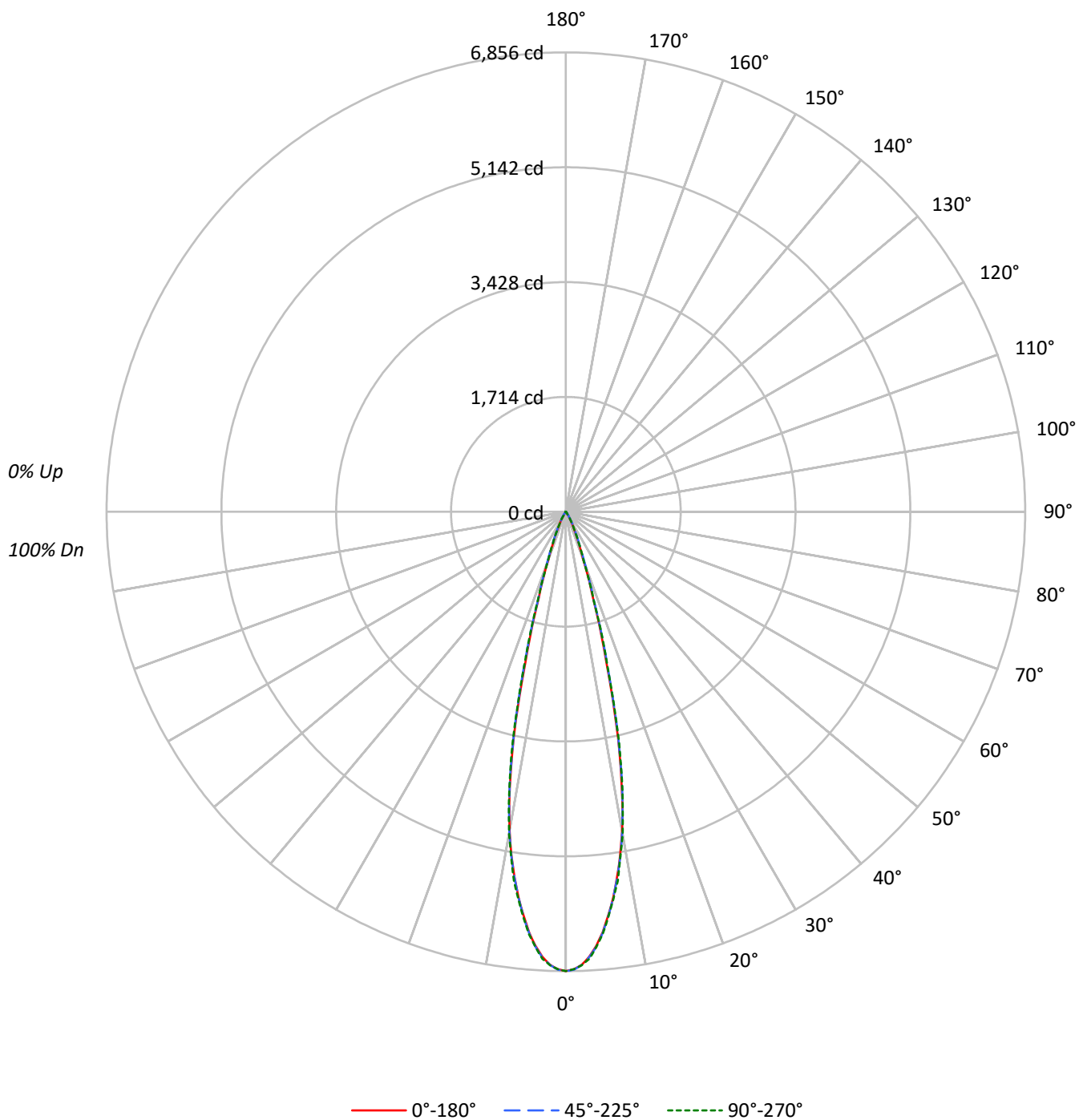
Lumens per Lamp: N/A
Luminaire Lumens: 1427.0 lumens
Efficiency: N/A
Efficacy: 70.0 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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

TEST NUMBER: P1316371

CATALOG NUMBER: P3SQAS17R259827DE010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1316371

CATALOG NUMBER: P3SQAS17R259827DE010 E3SQCD1MB

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	115	113	111	110	113	111	110	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1180672	1180672	1180672
5°	1088663	1091118	1093400
10°	845280	848340	852940
15°	417717	435297	435493
20°	140646	150084	143468
25°	58243	64704	59915
30°	22870	28736	23068
35°	5992	11732	6223
40°	2226	4676	2226
45°	268	1340	268
50°	0	295	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: 1340 cd/sqm

TEST NUMBER: P1316371

CATALOG NUMBER: P3SQAS17R259827DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	555.5	38.9
10°-20°	671.9	47.1
20°-30°	164.0	11.5
30°-40°	31.9	2.2
40°-50°	3.6	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°	1391.5	97.5
0°-40°	1423.3	99.7
0°-60°	1427.0	100.0
0°-90°	1427.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1427.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6856	6856	6856	6856	6856	
5°	6297	6306	6311	6339	6325	554
15°	2343	2399	2441	2466	2442	660
25°	306	323	340	326	315	156
35°	28	40	56	40	30	25
45°	1	3	6	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	

TEST NUMBER: P1316371

CATALOG NUMBER: P3SQAS17R259827DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	6855.5	6855.5	6855.5	6855.5	6855.5
1°	6829.3	6833.6	6834.7	6841.3	6828.2
2°	6766.9	6768.0	6771.2	6784.4	6772.3
3°	6651.9	6659.6	6660.7	6678.2	6681.5
4°	6495.4	6499.7	6508.5	6538.1	6511.8
5°	6297.2	6306.0	6311.4	6338.8	6324.6
6°	6052.0	6054.2	6066.2	6097.9	6078.2
7°	5802.4	5801.3	5802.4	5827.5	5822.1
8°	5501.3	5495.8	5513.3	5544.0	5564.8
9°	5187.1	5194.8	5205.7	5235.3	5211.2
10°	4833.5	4854.3	4851.0	4853.2	4877.3
11°	4426.2	4432.8	4433.9	4456.9	4453.6
12°	3947.8	3947.8	3983.9	4021.1	4009.1
13°	3465.0	3498.9	3474.8	3482.5	3530.7
14°	2902.3	2928.5	2961.4	2992.0	2968.0
15°	2342.8	2398.7	2441.4	2465.5	2442.5
17.5°	1342.2	1360.8	1396.9	1401.3	1387.1
20°	767.4	790.4	818.9	810.1	782.8
22.5°	482.8	489.4	517.8	503.6	497.0
25°	306.5	323.0	340.5	326.2	315.3
27.5°	190.5	201.4	220.1	204.7	192.7
30°	115.0	124.8	144.5	123.7	116.0
32.5°	60.2	74.4	90.9	75.5	60.2
35°	28.5	40.5	55.8	40.5	29.6
37.5°	17.5	21.9	33.9	21.9	17.5
40°	9.9	14.2	20.8	14.2	9.9
42.5°	4.4	7.7	9.9	7.7	5.5
45°	1.1	3.3	5.5	3.3	1.1
47.5°	0.0	0.0	3.3	1.1	0.0
50°	0.0	0.0	1.1	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



TEST NUMBER: P1316371

CATALOG NUMBER: P3SQAS17R259827DE010 E3SQCD1MB

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)