

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: P1307991

Luminaire Tested: P3SQAS13R259030DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307991
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: P3SQAS13R259030DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

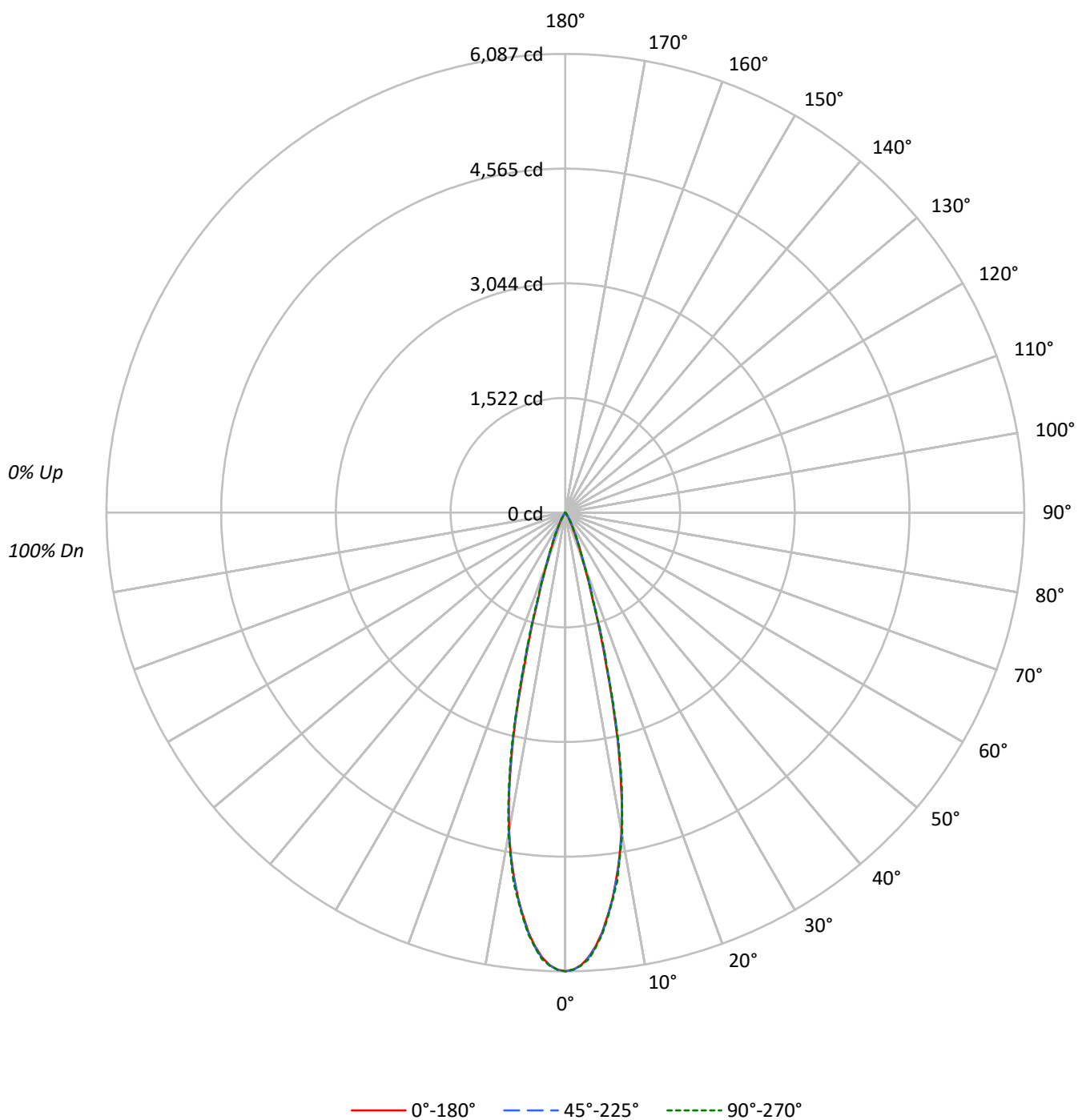
Lumens per Lamp: N/A
Luminaire Lumens: 1267.0 lumens
Efficiency: N/A
Efficacy: 86.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (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: P1307991

CATALOG NUMBER: P3SQAS13R259030DE010 E3SQCD1MB

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	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°	1048302	1048302	1048302
5°	966592	968788	970793
10°	750495	753223	757298
15°	370895	386479	386657
20°	124884	133260	127376
25°	51725	57445	53188
30°	20304	25514	20483
35°	5319	10428	5508
40°	1956	4159	1956
45°	244	1193	244
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: 1193 cd/sqm

TEST NUMBER: P1307991

CATALOG NUMBER: P3SQAS13R259030DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	493.2	38.9
10°-20°	596.6	47.1
20°-30°	145.7	11.5
30°-40°	28.3	2.2
40°-50°	3.2	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°	1235.5	97.5
0°-40°	1263.8	99.7
0°-60°	1267.0	100.0
0°-90°	1267.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1267.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6087	6087	6087	6087	6087	
5°	5591	5599	5604	5628	5615	492
15°	2080	2130	2168	2189	2169	586
25°	272	287	302	290	280	138
35°	25	36	50	36	26	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	

TEST NUMBER: P1307991

CATALOG NUMBER: P3SQAS13R259030DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	6086.9	6086.9	6086.9	6086.9	6086.9
1°	6063.5	6067.4	6068.4	6074.2	6062.6
2°	6008.1	6009.1	6012.0	6023.7	6013.0
3°	5906.1	5912.9	5913.9	5929.4	5932.3
4°	5767.1	5771.0	5778.7	5805.0	5781.7
5°	5591.1	5598.9	5603.8	5628.1	5615.4
6°	5373.4	5375.3	5386.0	5414.2	5396.7
7°	5151.8	5150.8	5151.8	5174.1	5169.3
8°	4884.5	4879.6	4895.2	4922.4	4940.8
9°	4605.5	4612.3	4622.0	4648.3	4626.9
10°	4291.5	4310.0	4307.1	4309.0	4330.4
11°	3929.9	3935.8	3936.7	3957.1	3954.2
12°	3505.2	3505.2	3537.2	3570.3	3559.6
13°	3076.5	3106.6	3085.2	3092.0	3134.8
14°	2576.9	2600.2	2629.4	2656.6	2635.2
15°	2080.2	2129.7	2167.6	2189.0	2168.6
17.5°	1191.7	1208.2	1240.3	1244.2	1231.6
20°	681.4	701.8	727.1	719.3	695.0
22.5°	428.7	434.5	459.8	447.1	441.3
25°	272.2	286.7	302.3	289.7	279.9
27.5°	169.1	178.9	195.4	181.8	171.1
30°	102.1	110.8	128.3	109.8	103.0
32.5°	53.5	66.1	80.7	67.1	53.5
35°	25.3	36.0	49.6	36.0	26.2
37.5°	15.6	19.4	30.1	19.4	15.6
40°	8.7	12.6	18.5	12.6	8.7
42.5°	3.9	6.8	8.7	6.8	4.9
45°	1.0	2.9	4.9	2.9	1.0
47.5°	0.0	0.0	2.9	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



TEST NUMBER: P1307991
CATALOG NUMBER: P3SQAS13R259030DE010 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)