

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: P1309601

Luminaire Tested: P3SQAS24R359035D010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309601
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R359035D010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

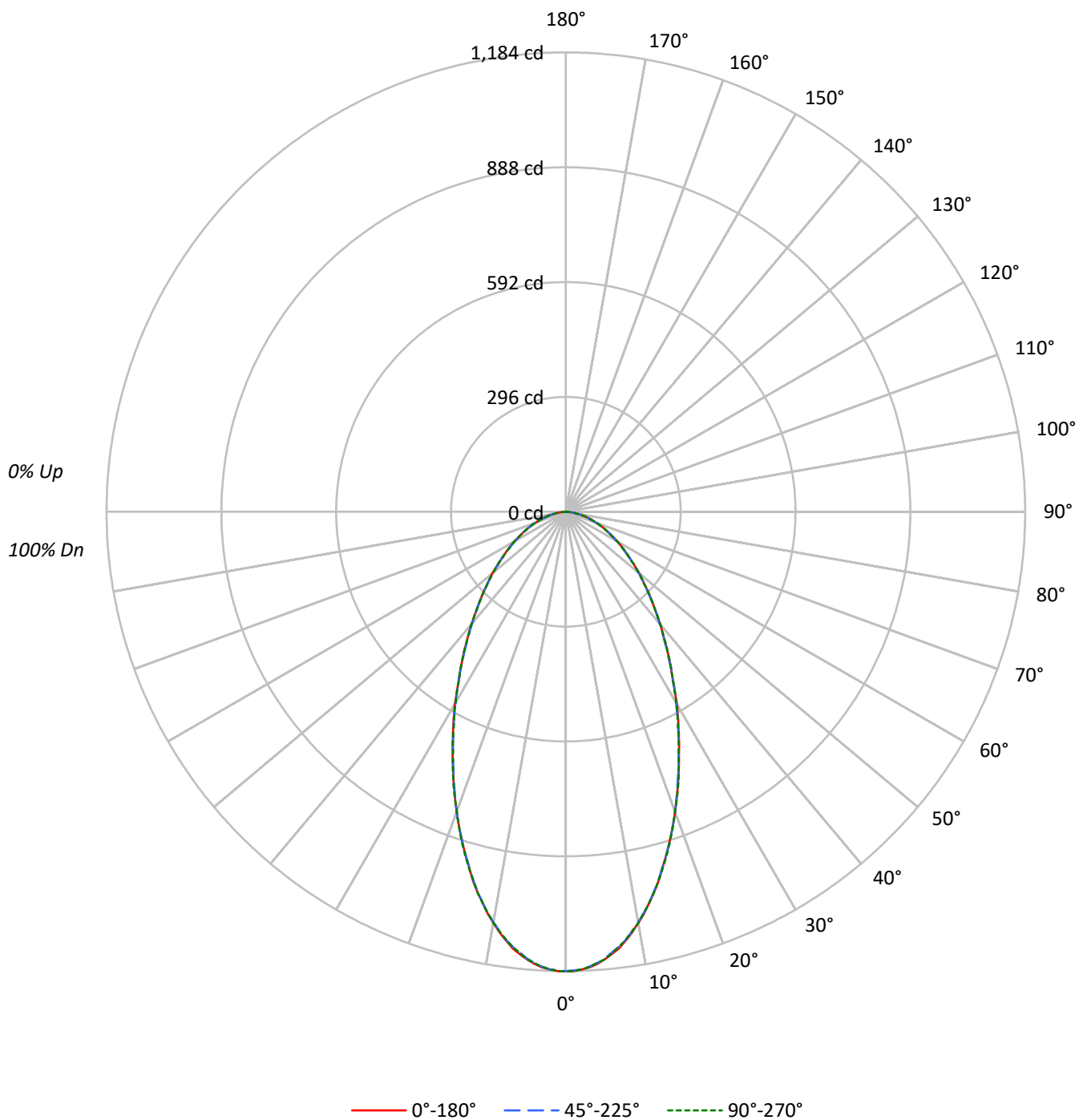
Lumens per Lamp: N/A
Luminaire Lumens: 1582.0 lumens
Efficiency: N/A
Efficacy: 54.9 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	111	107	103	100	108	105	101	99	100	98	95		97	95	93		93
2	103	96	90	85	100	94	89	84	90	86	82		87	84	81		84
3	95	86	79	74	93	85	78	73	82	76	72		79	75	71		77
4	88	78	71	65	86	77	70	65	75	68	64		72	67	63		70
5	82	71	64	58	80	70	63	58	68	62	57		66	61	56		65
6	77	65	58	52	75	65	57	52	63	56	51		61	55	51		60
7	72	60	53	47	71	60	52	47	58	52	47		57	51	46		55
8	68	56	48	43	66	55	48	43	54	47	43		53	47	43		52
9	64	52	45	40	63	51	44	40	50	44	39		49	44	39		48
10	60	49	42	37	59	48	41	37	47	41	37		46	41	36		45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	203946	203946	203946
5°	200126	199781	200126
10°	188170	187803	188170
15°	170364	170364	170738
20°	150799	150799	150799
25°	131137	130757	130757
30°	113691	112876	113274
35°	97869	97449	97869
40°	84915	84465	84915
45°	74602	74091	74091
50°	66179	65643	65643
55°	58251	58251	58251
60°	52735	52046	52735
65°	47435	47435	47435
70°	42147	42147	42147
75°	38062	36664	38062
80°	32432	32432	32432
85°	20156	20156	20156

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 74602 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.7	6.8
10°-20°	266.5	16.8
20°-30°	316.7	20.0
30°-40°	291.0	18.4
40°-50°	236.3	14.9
50°-60°	174.9	11.1
60°-70°	115.5	7.3
70°-80°	59.9	3.8
80°-90°	13.5	0.9
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°	691.0	43.7
0°-40°	982.0	62.1
0°-60°	1393.1	88.1
0°-90°	1582.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1582.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1184	1184	1184	1184	1184	
5°	1158	1156	1156	1156	1158	108
15°	956	956	956	956	958	267
25°	690	688	688	690	688	317
35°	466	464	464	466	466	292
45°	306	304	304	304	304	237
55°	194	194	194	194	194	176
65°	116	116	116	116	116	116
75°	57	57	55	57	57	61
85°	10	10	10	10	10	13
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1184.2	1184.2	1184.2	1184.2	1184.2
1°	1184.2	1182.1	1182.1	1182.1	1184.2
2°	1180.1	1180.1	1180.1	1180.1	1180.1
3°	1176.0	1174.0	1174.0	1174.0	1174.0
4°	1167.9	1165.8	1165.8	1165.8	1165.8
5°	1157.6	1155.6	1155.6	1155.6	1157.6
6°	1145.4	1143.4	1141.3	1141.3	1143.4
7°	1133.1	1129.1	1129.1	1129.1	1129.1
8°	1114.8	1112.7	1112.7	1112.7	1112.7
9°	1096.4	1092.3	1094.4	1094.4	1094.4
10°	1076.0	1073.9	1073.9	1073.9	1076.0
11°	1055.6	1053.5	1053.5	1051.5	1053.5
12°	1031.1	1031.1	1031.1	1031.1	1031.1
13°	1008.6	1006.6	1006.6	1006.6	1008.6
14°	984.1	982.1	982.1	982.1	982.1
15°	955.5	955.5	955.5	955.5	957.6
17.5°	890.2	888.1	890.2	890.2	892.2
20°	822.8	820.8	822.8	822.8	822.8
22.5°	755.4	755.4	753.4	755.4	757.5
25°	690.1	688.1	688.1	690.1	688.1
27.5°	628.8	626.8	626.8	626.8	626.8
30°	571.7	567.6	567.6	569.6	569.6
32.5°	512.5	512.5	514.5	512.5	512.5
35°	465.5	463.5	463.5	465.5	465.5
37.5°	418.5	416.5	416.5	418.5	418.5
40°	377.7	377.7	375.7	377.7	377.7
42.5°	338.9	338.9	338.9	338.9	338.9
45°	306.3	304.2	304.2	304.2	304.2
47.5°	273.6	273.6	273.6	271.5	273.6
50°	247.0	245.0	245.0	245.0	245.0
52.5°	218.5	218.5	218.5	218.5	218.5
55°	194.0	194.0	194.0	194.0	194.0
57.5°	173.5	171.5	171.5	171.5	171.5
60°	153.1	153.1	151.1	153.1	153.1
62.5°	132.7	132.7	132.7	132.7	132.7
65°	116.4	116.4	116.4	116.4	116.4
67.5°	100.0	100.0	100.0	100.0	100.0
70°	83.7	83.7	83.7	83.7	83.7
72.5°	71.5	69.4	69.4	69.4	69.4
75°	57.2	57.2	55.1	57.2	57.2
77.5°	42.9	42.9	42.9	42.9	42.9
80°	32.7	32.7	32.7	30.6	32.7
82.5°	20.4	20.4	20.4	20.4	20.4
85°	10.2	10.2	10.2	10.2	10.2
87.5°	2.0	2.0	2.0	4.1	4.1



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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)