

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: P1310428

Luminaire Tested: P3SQAS17R359040DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310428
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R359040DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

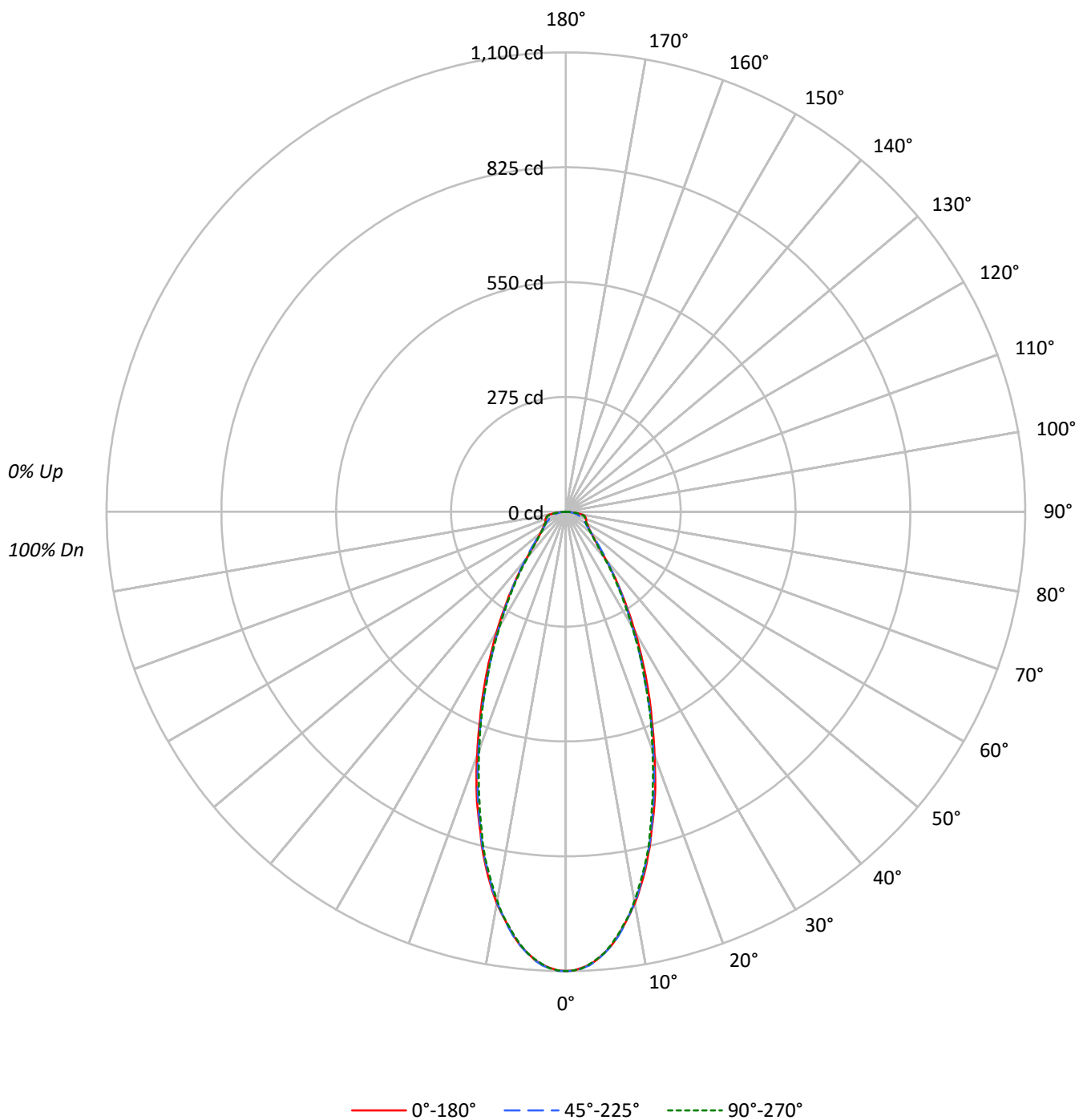
Lumens per Lamp: N/A
Luminaire Lumens: 910.0 lumens
Efficiency: N/A
Efficacy: 42.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	104	101	109	105	102	99	101	99	96		97	95	93		94
2	104	98	92	88	101	96	91	87	92	88	85		89	86	83		86
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	69	64	73	68	63		72	67	63		70
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	60	55	76	66	59	54	64	58	54		63	58	54		62
8	73	62	56	51	72	62	55	51	61	55	51		60	54	50		59
9	70	59	52	48	68	58	52	48	57	52	47		56	51	47		55
10	66	56	49	45	65	55	49	45	54	49	45		53	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	189428	189428	189428
5°	183201	183444	183201
10°	166433	166188	165453
15°	141283	140784	139554
20°	113741	112220	111193
25°	87925	85284	85284
30°	65566	63359	62802
35°	47179	46590	45434
40°	33004	33948	31767
45°	24624	25988	23966
50°	21167	21167	20791
55°	19967	19127	19547
60°	20529	18600	19564
65°	22006	18623	21435
70°	25832	19538	25127
75°	32273	20295	31341
80°	41258	22018	37093
85°	32802	21934	32802

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 41258 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.7	10.7
10°-20°	218.0	24.0
20°-30°	208.2	22.9
30°-40°	139.8	15.4
40°-50°	82.1	9.0
50°-60°	58.7	6.5
60°-70°	48.9	5.4
70°-80°	40.1	4.4
80°-90°	16.5	1.8
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°	523.9	57.6
0°-40°	663.7	72.9
0°-60°	804.5	88.4
0°-90°	910.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	910.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1100	1100	1100	1100	1100	
5°	1060	1062	1061	1060	1060	98
15°	792	794	790	784	783	220
25°	463	457	449	449	449	212
35°	224	224	222	218	216	142
45°	101	104	107	101	98	81
55°	66	65	64	64	65	60
65°	54	48	46	48	53	54
75°	48	37	30	37	47	50
85°	17	18	11	18	17	19
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1099.9	1099.9	1099.9	1099.9	1099.9
1°	1098.5	1099.9	1099.9	1098.5	1098.5
2°	1092.9	1095.7	1094.3	1092.9	1094.3
3°	1086.0	1088.8	1087.4	1086.0	1084.6
4°	1074.9	1077.7	1076.3	1073.6	1073.6
5°	1059.7	1062.5	1061.1	1059.7	1059.7
6°	1044.5	1047.2	1044.5	1041.7	1041.7
7°	1023.7	1027.8	1025.1	1022.3	1020.9
8°	1000.1	1004.3	1001.5	1000.1	997.4
9°	976.6	979.4	975.2	975.2	975.2
10°	951.7	953.0	950.3	946.1	946.1
11°	923.9	922.6	921.2	918.4	915.6
12°	893.5	893.5	889.3	886.5	885.2
13°	861.6	860.2	857.5	854.7	854.7
14°	828.4	828.4	825.6	820.1	821.4
15°	792.4	793.7	789.6	784.0	782.7
17.5°	710.6	707.9	700.9	696.8	692.6
20°	620.6	619.2	612.3	608.1	606.7
22.5°	537.5	536.1	529.2	525.0	527.8
25°	462.7	457.1	448.8	448.8	448.8
27.5°	393.4	386.5	380.9	378.2	380.9
30°	329.7	324.1	318.6	317.2	315.8
32.5°	272.9	270.1	267.3	263.2	263.2
35°	224.4	224.4	221.6	217.5	216.1
37.5°	182.9	184.2	182.9	178.7	177.3
40°	146.8	149.6	151.0	146.8	141.3
42.5°	120.5	124.7	127.4	120.5	116.4
45°	101.1	103.9	106.7	101.1	98.4
47.5°	88.7	90.0	91.4	87.3	85.9
50°	79.0	79.0	79.0	77.6	77.6
52.5°	72.0	72.0	70.6	69.3	69.3
55°	66.5	65.1	63.7	63.7	65.1
57.5°	62.3	61.0	58.2	59.6	61.0
60°	59.6	56.8	54.0	55.4	56.8
62.5°	55.4	52.6	49.9	51.3	54.0
65°	54.0	48.5	45.7	48.5	52.6
67.5°	52.6	45.7	41.6	45.7	51.3
70°	51.3	42.9	38.8	42.9	49.9
72.5°	49.9	40.2	34.6	40.2	48.5
75°	48.5	37.4	30.5	37.4	47.1
77.5°	45.7	34.6	26.3	34.6	42.9
80°	41.6	31.9	22.2	30.5	37.4
82.5°	30.5	26.3	18.0	26.3	27.7
85°	16.6	18.0	11.1	18.0	16.6
87.5°	1.4	2.8	2.8	8.3	5.5



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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)