

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: P1307366

Luminaire Tested: P3SQAS24R359027D010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307366
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: P3SQAS24R359027D010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

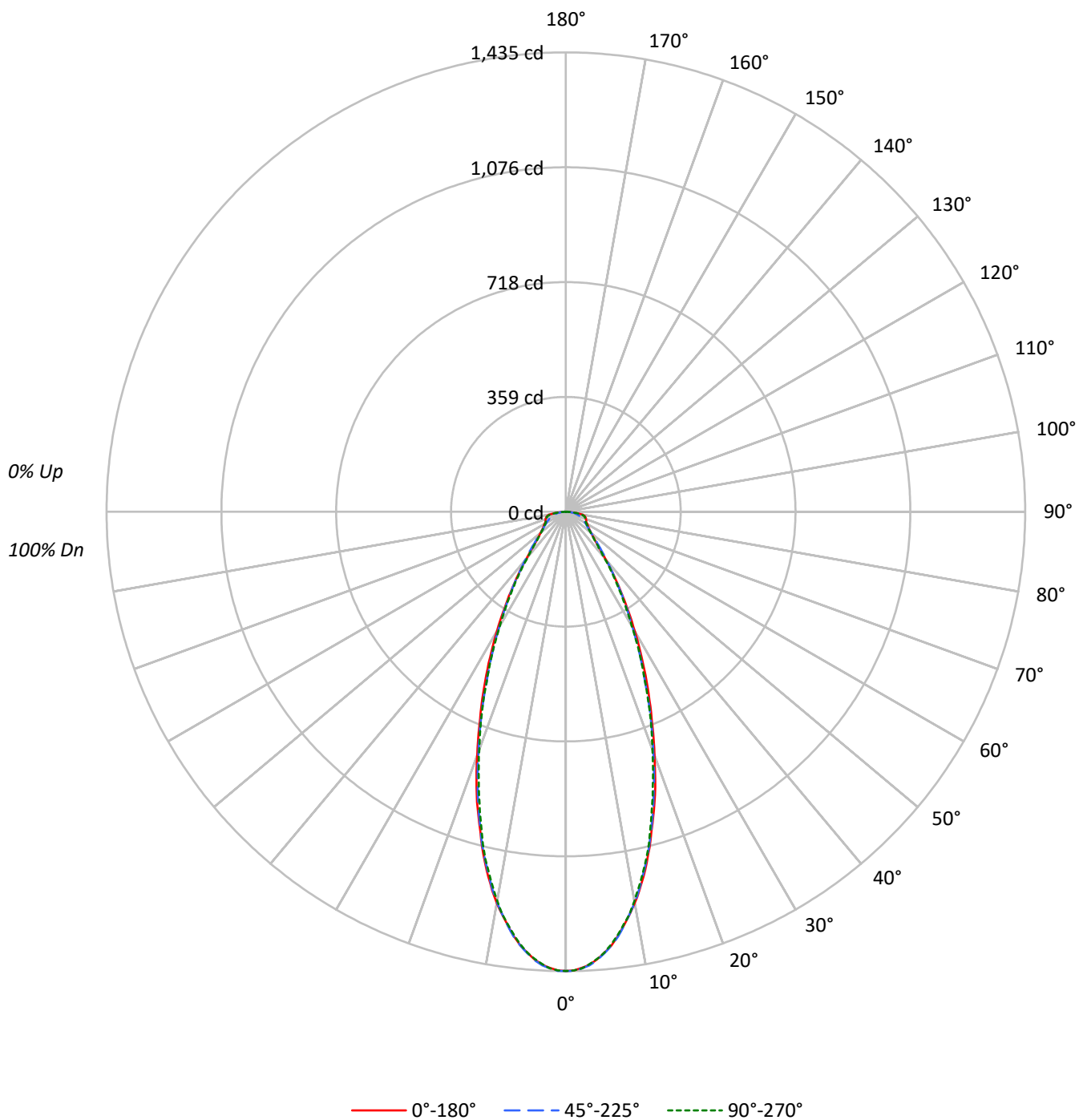
Lumens per Lamp: N/A
Luminaire Lumens: 1187.0 lumens
Efficiency: N/A
Efficacy: 41.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1307366

CATALOG NUMBER: P3SQAS24R359027D010 E3SQPHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1307366

CATALOG NUMBER: P3SQAS24R359027D010 E3SQPHLP1MW

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°	247088	247088	247088
5°	238973	239284	238973
10°	217078	216763	215819
15°	184271	183629	182024
20°	148362	146364	145044
25°	114681	111242	111242
30°	85512	82649	81933
35°	61539	60782	59268
40°	43053	44290	41434
45°	32126	33879	31249
50°	27597	27597	27115
55°	26033	24952	25492
60°	26763	24283	25523
65°	28730	24288	27996
70°	33687	25479	32730
75°	42054	26484	40857
80°	53755	28663	48399
85°	42880	28652	42880

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 53755 cd/sqm

TEST NUMBER: P1307366

CATALOG NUMBER: P3SQAS24R359027D010 E3SQPHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.4	10.7
10°-20°	284.4	24.0
20°-30°	271.6	22.9
30°-40°	182.4	15.4
40°-50°	107.1	9.0
50°-60°	76.6	6.5
60°-70°	63.8	5.4
70°-80°	52.3	4.4
80°-90°	21.5	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°	683.4	57.6
0°-40°	865.8	72.9
0°-60°	1049.4	88.4
0°-90°	1187.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1187.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1435	1435	1435	1435	1435	
5°	1382	1386	1384	1382	1382	127
15°	1034	1035	1030	1023	1021	286
25°	604	596	585	585	585	277
35°	293	293	289	284	282	185
45°	132	136	139	132	128	106
55°	87	85	83	83	85	79
65°	70	63	60	63	69	70
75°	63	49	40	49	61	66
85°	22	24	14	24	22	25
90°	0	0	0	0	0	

TEST NUMBER: P1307366

CATALOG NUMBER: P3SQAS24R359027D010 E3SQPHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1434.7	1434.7	1434.7	1434.7	1434.7
1°	1432.9	1434.7	1434.7	1432.9	1432.9
2°	1425.6	1429.2	1427.4	1425.6	1427.4
3°	1416.6	1420.2	1418.4	1416.6	1414.8
4°	1402.1	1405.8	1404.0	1400.3	1400.3
5°	1382.3	1385.9	1384.1	1382.3	1382.3
6°	1362.4	1366.0	1362.4	1358.8	1358.8
7°	1335.3	1340.7	1337.1	1333.5	1331.7
8°	1304.6	1310.0	1306.4	1304.6	1301.0
9°	1273.9	1277.5	1272.0	1272.0	1272.0
10°	1241.3	1243.1	1239.5	1234.1	1234.1
11°	1205.2	1203.4	1201.6	1198.0	1194.4
12°	1165.4	1165.4	1160.0	1156.4	1154.6
13°	1123.9	1122.1	1118.5	1114.8	1114.8
14°	1080.5	1080.5	1076.9	1069.7	1071.5
15°	1033.5	1035.3	1029.9	1022.7	1020.9
17.5°	926.9	923.3	914.3	908.9	903.4
20°	809.5	807.7	798.6	793.2	791.4
22.5°	701.1	699.3	690.2	684.8	688.4
25°	603.5	596.3	585.4	585.4	585.4
27.5°	513.2	504.1	496.9	493.3	496.9
30°	430.0	422.8	415.6	413.8	412.0
32.5°	356.0	352.3	348.7	343.3	343.3
35°	292.7	292.7	289.1	283.7	281.9
37.5°	238.5	240.3	238.5	233.1	231.3
40°	191.5	195.1	197.0	191.5	184.3
42.5°	157.2	162.6	166.2	157.2	151.8
45°	131.9	135.5	139.1	131.9	128.3
47.5°	115.6	117.4	119.3	113.8	112.0
50°	103.0	103.0	103.0	101.2	101.2
52.5°	94.0	94.0	92.2	90.3	90.3
55°	86.7	84.9	83.1	83.1	84.9
57.5°	81.3	79.5	75.9	77.7	79.5
60°	77.7	74.1	70.5	72.3	74.1
62.5°	72.3	68.7	65.0	66.9	70.5
65°	70.5	63.2	59.6	63.2	68.7
67.5°	68.7	59.6	54.2	59.6	66.9
70°	66.9	56.0	50.6	56.0	65.0
72.5°	65.0	52.4	45.2	52.4	63.2
75°	63.2	48.8	39.8	48.8	61.4
77.5°	59.6	45.2	34.3	45.2	56.0
80°	54.2	41.6	28.9	39.8	48.8
82.5°	39.8	34.3	23.5	34.3	36.1
85°	21.7	23.5	14.5	23.5	21.7
87.5°	1.8	3.6	3.6	10.8	7.2



TEST NUMBER: P1307366
CATALOG NUMBER: P3SQAS24R359027D010 E3SQPHLP1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)