

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: P1306068

Luminaire Tested: P3SQAS17R259024DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306068
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R259024DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

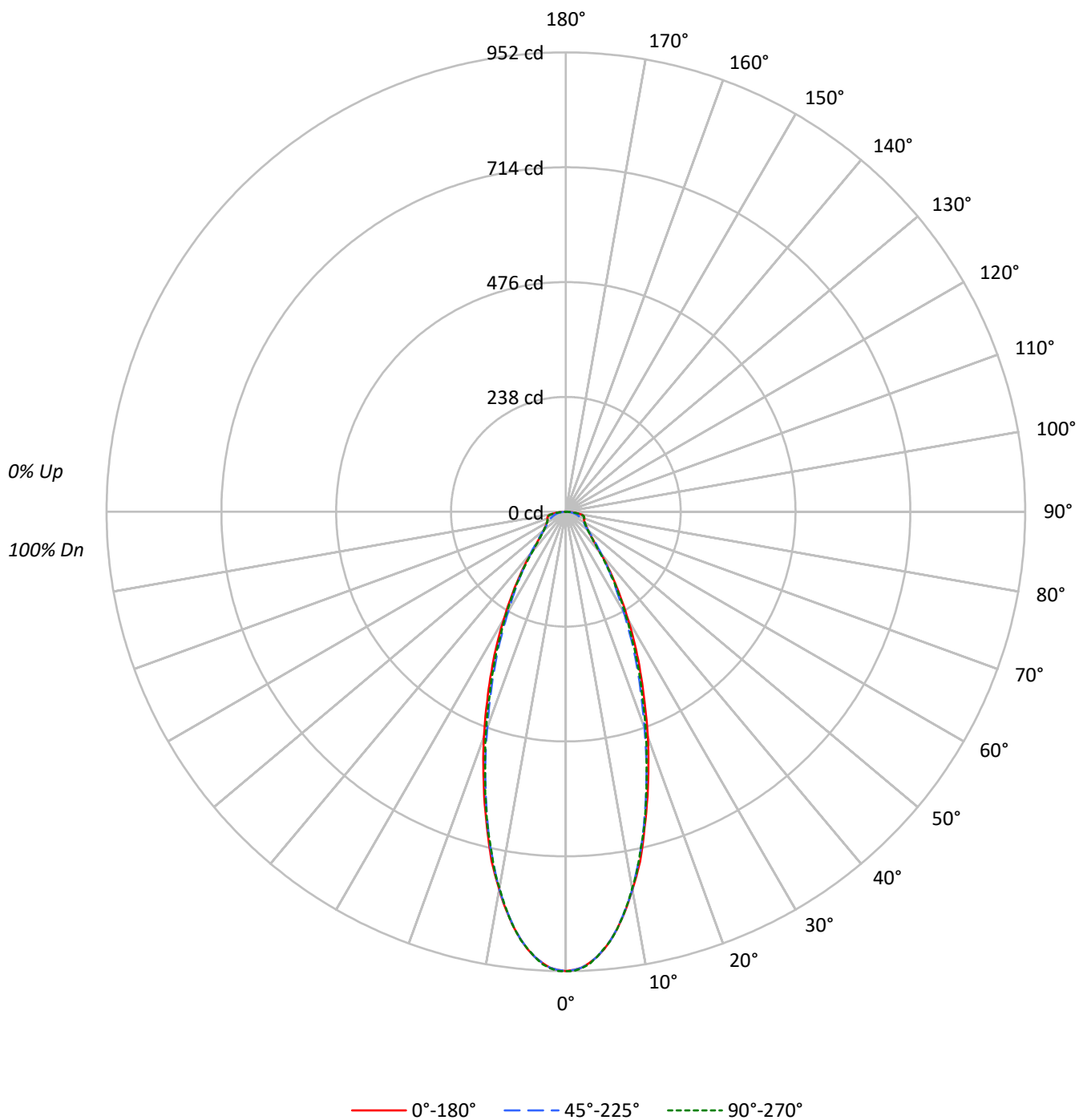
Lumens per Lamp: N/A
Luminaire Lumens: 719.0 lumens
Efficiency: N/A
Efficacy: 33.9 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1306068

CATALOG NUMBER: P3SQAS17R259024DE010 E3SQPHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1306068

CATALOG NUMBER: P3SQAS17R259024DE010 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	102	96	91	87	93	89	85		89	86	83		87
3	98	90	83	78	95	88	82	78	85	80	76		83	79	75		80
4	92	83	76	71	90	81	75	70	79	74	69		77	72	69		75
5	87	77	70	65	85	76	69	64	74	68	64		72	67	63		70
6	82	72	65	60	80	71	64	59	69	63	59		68	62	59		66
7	78	67	60	55	76	66	60	55	65	59	55		64	58	55		62
8	74	63	56	52	72	62	56	52	61	55	51		60	55	51		59
9	70	60	53	49	69	59	53	48	58	52	48		57	52	48		56
10	67	56	50	46	66	56	50	46	55	49	46		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	163956	163956	163956
5°	157321	157114	157114
10°	139064	138872	138470
15°	114842	113237	113843
20°	90996	87239	88705
25°	69303	65635	67345
30°	51049	47449	49478
35°	36541	34880	35342
40°	25023	25540	24258
45°	18535	19655	18267
50°	16129	16129	15835
55°	15343	14683	15343
60°	15638	14467	15638
65°	17116	14833	17116
70°	20595	14855	20041
75°	25685	15903	25685
80°	32630	16860	30448
85°	26874	15808	26874

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 32630 cd/sqm

TEST NUMBER: P1306068

CATALOG NUMBER: P3SQAS17R259024DE010 E3SQPHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.1	11.6
10°-20°	176.5	24.6
20°-30°	161.8	22.5
30°-40°	106.7	14.8
40°-50°	62.1	8.6
50°-60°	45.4	6.3
60°-70°	38.5	5.4
70°-80°	31.9	4.4
80°-90°	13.1	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°	421.4	58.6
0°-40°	528.0	73.4
0°-60°	635.5	88.4
0°-90°	719.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	719.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	952	952	952	952	952	
5°	910	909	909	910	909	83
15°	644	642	635	637	638	178
25°	365	354	345	346	354	168
35°	174	170	166	166	168	110
45°	76	78	81	76	75	61
55°	51	51	49	50	51	46
65°	42	39	36	39	42	42
75°	39	30	24	30	39	40
85°	14	15	8	15	14	15
90°	0	0	0	0	0	

TEST NUMBER: P1306068

CATALOG NUMBER: P3SQAS17R259024DE010 E3SQPHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	952.0	952.0	952.0	952.0	952.0
1°	949.7	949.7	949.7	949.7	952.0
2°	945.2	944.1	945.2	945.2	946.3
3°	936.1	936.1	936.1	936.1	938.4
4°	924.7	924.7	924.7	924.7	924.7
5°	910.0	908.8	908.8	910.0	908.8
6°	891.8	891.8	891.8	891.8	892.9
7°	871.3	870.2	870.2	869.1	871.3
8°	847.5	847.5	846.4	845.2	847.5
9°	822.5	823.6	821.4	820.2	820.2
10°	795.2	794.1	794.1	794.1	791.8
11°	768.0	764.6	763.4	763.4	765.7
12°	740.7	735.0	732.8	732.8	732.8
13°	707.8	705.5	702.1	699.8	700.9
14°	674.8	674.8	669.1	669.1	671.4
15°	644.1	641.9	635.1	637.3	638.5
17.5°	568.0	563.5	555.5	555.5	556.7
20°	496.5	488.5	476.0	481.7	484.0
22.5°	426.0	418.1	405.6	411.2	413.5
25°	364.7	354.4	345.4	346.5	354.4
27.5°	309.0	297.6	288.6	292.0	296.5
30°	256.7	249.9	238.6	244.3	248.8
32.5°	212.4	206.8	198.8	202.2	206.8
35°	173.8	170.4	165.9	165.9	168.1
37.5°	140.9	139.7	137.5	136.3	135.2
40°	111.3	113.6	113.6	111.3	107.9
42.5°	90.9	93.2	95.4	90.9	87.5
45°	76.1	78.4	80.7	76.1	75.0
47.5°	67.0	68.2	69.3	67.0	65.9
50°	60.2	60.2	60.2	59.1	59.1
52.5°	55.7	54.5	53.4	54.5	54.5
55°	51.1	51.1	48.9	50.0	51.1
57.5°	47.7	46.6	45.4	46.6	47.7
60°	45.4	43.2	42.0	43.2	45.4
62.5°	43.2	40.9	38.6	40.9	43.2
65°	42.0	38.6	36.4	38.6	42.0
67.5°	40.9	36.4	32.9	36.4	40.9
70°	40.9	34.1	29.5	34.1	39.8
72.5°	39.8	31.8	27.3	31.8	39.8
75°	38.6	29.5	23.9	29.5	38.6
77.5°	37.5	27.3	20.4	27.3	36.4
80°	32.9	25.0	17.0	25.0	30.7
82.5°	23.9	20.4	13.6	20.4	22.7
85°	13.6	14.8	8.0	14.8	13.6
87.5°	2.3	3.4	2.3	5.7	4.5



TEST NUMBER: P1306068
CATALOG NUMBER: P3SQAS17R259024DE010 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)