

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: P1314376

Luminaire Tested: P3SQAS13R259735DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314376
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: P3SQAS13R259735DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

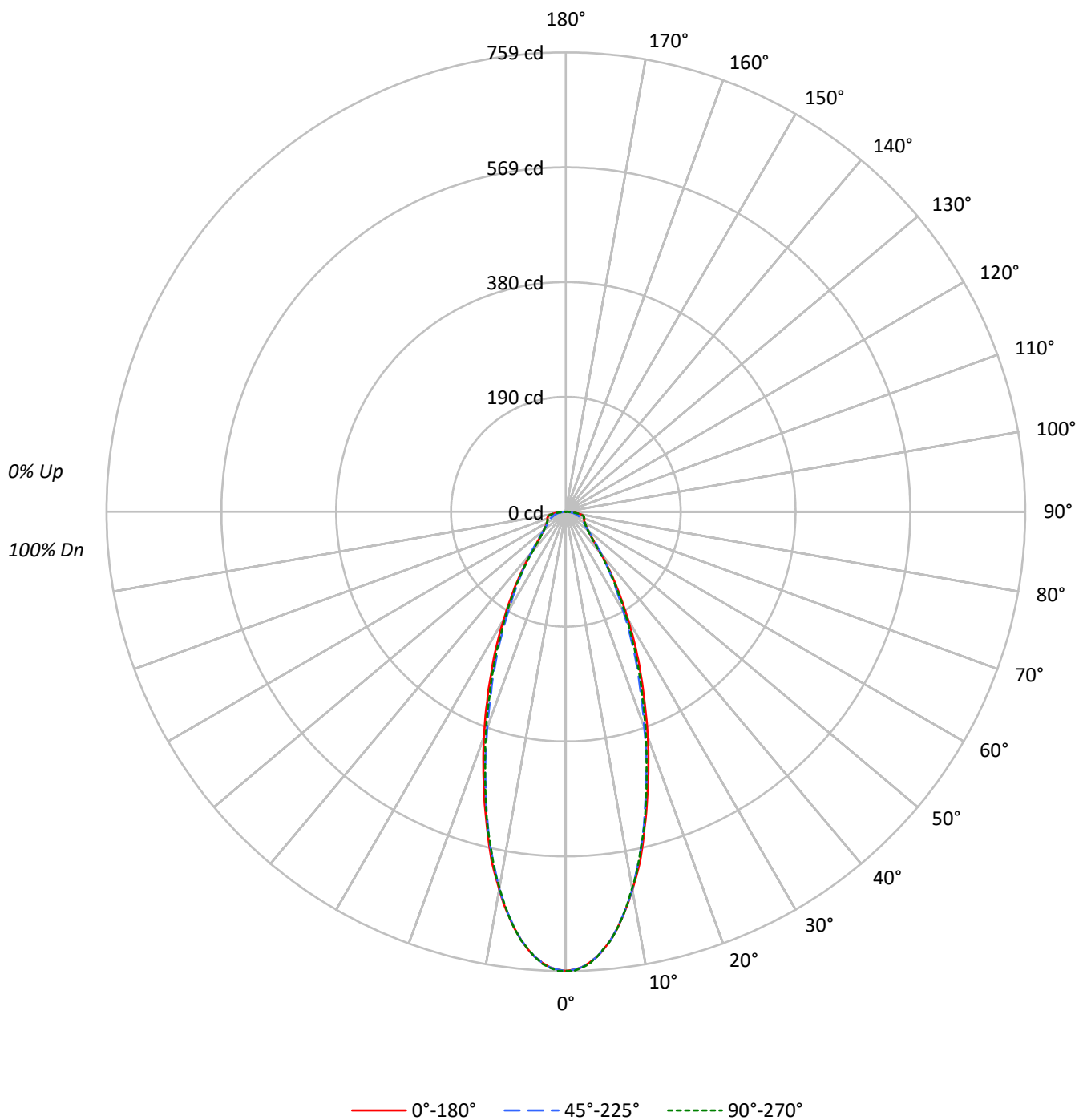
Lumens per Lamp: N/A
Luminaire Lumens: 573.0 lumens
Efficiency: N/A
Efficacy: 39.2 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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	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°	130665	130665	130665
5°	125373	125217	125217
10°	110839	110664	110349
15°	91520	90237	90718
20°	72504	69516	70689
25°	55222	52295	53683
30°	40688	37804	39435
35°	29119	27794	28173
40°	19942	20346	19335
45°	14784	15661	14565
50°	12861	12861	12620
55°	12221	11680	12221
60°	12469	11539	12469
65°	13652	11818	13652
70°	16416	11833	15962
75°	20495	12643	20495
80°	26084	13488	24200
85°	21539	12449	21539

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 26084 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.2	11.6
10°-20°	140.7	24.5
20°-30°	128.9	22.5
30°-40°	85.0	14.8
40°-50°	49.5	8.6
50°-60°	36.1	6.3
60°-70°	30.7	5.4
70°-80°	25.4	4.4
80°-90°	10.5	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°	335.8	58.6
0°-40°	420.8	73.4
0°-60°	506.4	88.4
0°-90°	573.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	573.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	759	759	759	759	759	
5°	725	724	724	725	724	66
15°	513	512	506	508	509	142
25°	291	282	275	276	282	134
35°	138	136	132	132	134	88
45°	61	62	64	61	60	49
55°	41	41	39	40	41	37
65°	34	31	29	31	34	33
75°	31	24	19	24	31	32
85°	11	12	6	12	11	12
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	758.7	758.7	758.7	758.7	758.7
1°	756.9	756.9	756.9	756.9	758.7
2°	753.3	752.4	753.3	753.3	754.2
3°	746.0	746.0	746.0	746.0	747.8
4°	737.0	737.0	737.0	737.0	737.0
5°	725.2	724.3	724.3	725.2	724.3
6°	710.7	710.7	710.7	710.7	711.6
7°	694.4	693.5	693.5	692.6	694.4
8°	675.4	675.4	674.5	673.6	675.4
9°	655.5	656.4	654.6	653.7	653.7
10°	633.8	632.8	632.8	632.8	631.0
11°	612.0	609.3	608.4	608.4	610.2
12°	590.3	585.8	584.0	584.0	584.0
13°	564.0	562.2	559.5	557.7	558.6
14°	537.8	537.8	533.3	533.3	535.1
15°	513.3	511.5	506.1	507.9	508.8
17.5°	452.7	449.1	442.7	442.7	443.6
20°	395.6	389.3	379.3	383.9	385.7
22.5°	339.5	333.2	323.2	327.7	329.6
25°	290.6	282.5	275.2	276.1	282.5
27.5°	246.3	237.2	230.0	232.7	236.3
30°	204.6	199.2	190.1	194.7	198.3
32.5°	169.3	164.8	158.4	161.2	164.8
35°	138.5	135.8	132.2	132.2	134.0
37.5°	112.3	111.4	109.5	108.6	107.7
40°	88.7	90.5	90.5	88.7	86.0
42.5°	72.4	74.2	76.1	72.4	69.7
45°	60.7	62.5	64.3	60.7	59.8
47.5°	53.4	54.3	55.2	53.4	52.5
50°	48.0	48.0	48.0	47.1	47.1
52.5°	44.4	43.5	42.6	43.5	43.5
55°	40.7	40.7	38.9	39.8	40.7
57.5°	38.0	37.1	36.2	37.1	38.0
60°	36.2	34.4	33.5	34.4	36.2
62.5°	34.4	32.6	30.8	32.6	34.4
65°	33.5	30.8	29.0	30.8	33.5
67.5°	32.6	29.0	26.3	29.0	32.6
70°	32.6	27.2	23.5	27.2	31.7
72.5°	31.7	25.4	21.7	25.4	31.7
75°	30.8	23.5	19.0	23.5	30.8
77.5°	29.9	21.7	16.3	21.7	29.0
80°	26.3	19.9	13.6	19.9	24.4
82.5°	19.0	16.3	10.9	16.3	18.1
85°	10.9	11.8	6.3	11.8	10.9
87.5°	1.8	2.7	1.8	4.5	3.6



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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)