

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: P1308660

Luminaire Tested: P3SQAS02R359035DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308660
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: P3SQAS02R359035DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

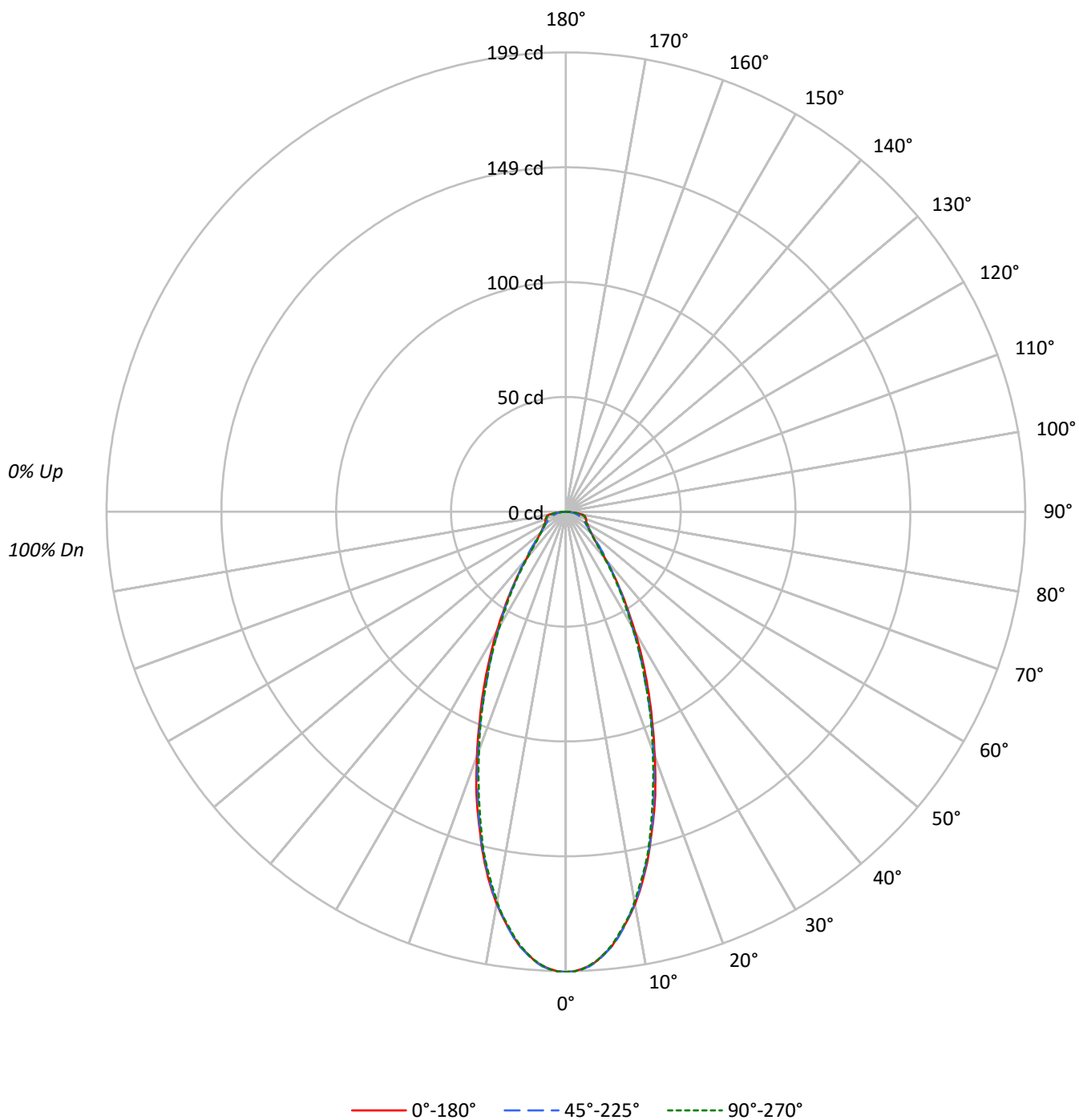
Lumens per Lamp: N/A
Luminaire Lumens: 165.0 lumens
Efficiency: N/A
Efficacy: 45.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	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°	34341	34341	34341
5°	33210	33262	33210
10°	30184	30132	29992
15°	25621	25532	25300
20°	20618	20344	20160
25°	15943	15468	15468
30°	11892	11494	11395
35°	8557	8452	8242
40°	5980	6160	5755
45°	4457	4701	4335
50°	3831	3831	3778
55°	3633	3483	3543
60°	3720	3376	3548
65°	3994	3382	3871
70°	4683	3525	4532
75°	5856	3660	5656
80°	7438	3967	6744
85°	5928	3952	5928

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 7438 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.7	10.7
10°-20°	39.5	24.0
20°-30°	37.8	22.9
30°-40°	25.4	15.4
40°-50°	14.9	9.0
50°-60°	10.7	6.5
60°-70°	8.9	5.4
70°-80°	7.3	4.4
80°-90°	3.0	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°	95.0	57.6
0°-40°	120.4	72.9
0°-60°	145.9	88.4
0°-90°	165.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	165.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	199	199	199	199	199	
5°	192	193	192	192	192	18
15°	144	144	143	142	142	40
25°	84	83	81	81	81	38
35°	41	41	40	39	39	26
45°	18	19	19	18	18	15
55°	12	12	12	12	12	11
65°	10	9	8	9	10	10
75°	9	7	6	7	8	9
85°	3	3	2	3	3	3
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	199.4	199.4	199.4	199.4	199.4
1°	199.2	199.4	199.4	199.2	199.2
2°	198.2	198.7	198.4	198.2	198.4
3°	196.9	197.4	197.2	196.9	196.7
4°	194.9	195.4	195.2	194.7	194.7
5°	192.1	192.6	192.4	192.1	192.1
6°	189.4	189.9	189.4	188.9	188.9
7°	185.6	186.4	185.9	185.4	185.1
8°	181.3	182.1	181.6	181.3	180.8
9°	177.1	177.6	176.8	176.8	176.8
10°	172.6	172.8	172.3	171.5	171.5
11°	167.5	167.3	167.0	166.5	166.0
12°	162.0	162.0	161.2	160.7	160.5
13°	156.2	156.0	155.5	155.0	155.0
14°	150.2	150.2	149.7	148.7	148.9
15°	143.7	143.9	143.2	142.2	141.9
17.5°	128.8	128.3	127.1	126.3	125.6
20°	112.5	112.3	111.0	110.3	110.0
22.5°	97.5	97.2	95.9	95.2	95.7
25°	83.9	82.9	81.4	81.4	81.4
27.5°	71.3	70.1	69.1	68.6	69.1
30°	59.8	58.8	57.8	57.5	57.3
32.5°	49.5	49.0	48.5	47.7	47.7
35°	40.7	40.7	40.2	39.4	39.2
37.5°	33.2	33.4	33.2	32.4	32.1
40°	26.6	27.1	27.4	26.6	25.6
42.5°	21.9	22.6	23.1	21.9	21.1
45°	18.3	18.8	19.3	18.3	17.8
47.5°	16.1	16.3	16.6	15.8	15.6
50°	14.3	14.3	14.3	14.1	14.1
52.5°	13.1	13.1	12.8	12.6	12.6
55°	12.1	11.8	11.6	11.6	11.8
57.5°	11.3	11.1	10.5	10.8	11.1
60°	10.8	10.3	9.8	10.0	10.3
62.5°	10.0	9.5	9.0	9.3	9.8
65°	9.8	8.8	8.3	8.8	9.5
67.5°	9.5	8.3	7.5	8.3	9.3
70°	9.3	7.8	7.0	7.8	9.0
72.5°	9.0	7.3	6.3	7.3	8.8
75°	8.8	6.8	5.5	6.8	8.5
77.5°	8.3	6.3	4.8	6.3	7.8
80°	7.5	5.8	4.0	5.5	6.8
82.5°	5.5	4.8	3.3	4.8	5.0
85°	3.0	3.3	2.0	3.3	3.0
87.5°	0.3	0.5	0.5	1.5	1.0



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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)