

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: P1307542

Luminaire Tested: P3SQAS02R359030DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307542
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: P3SQAS02R359030DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

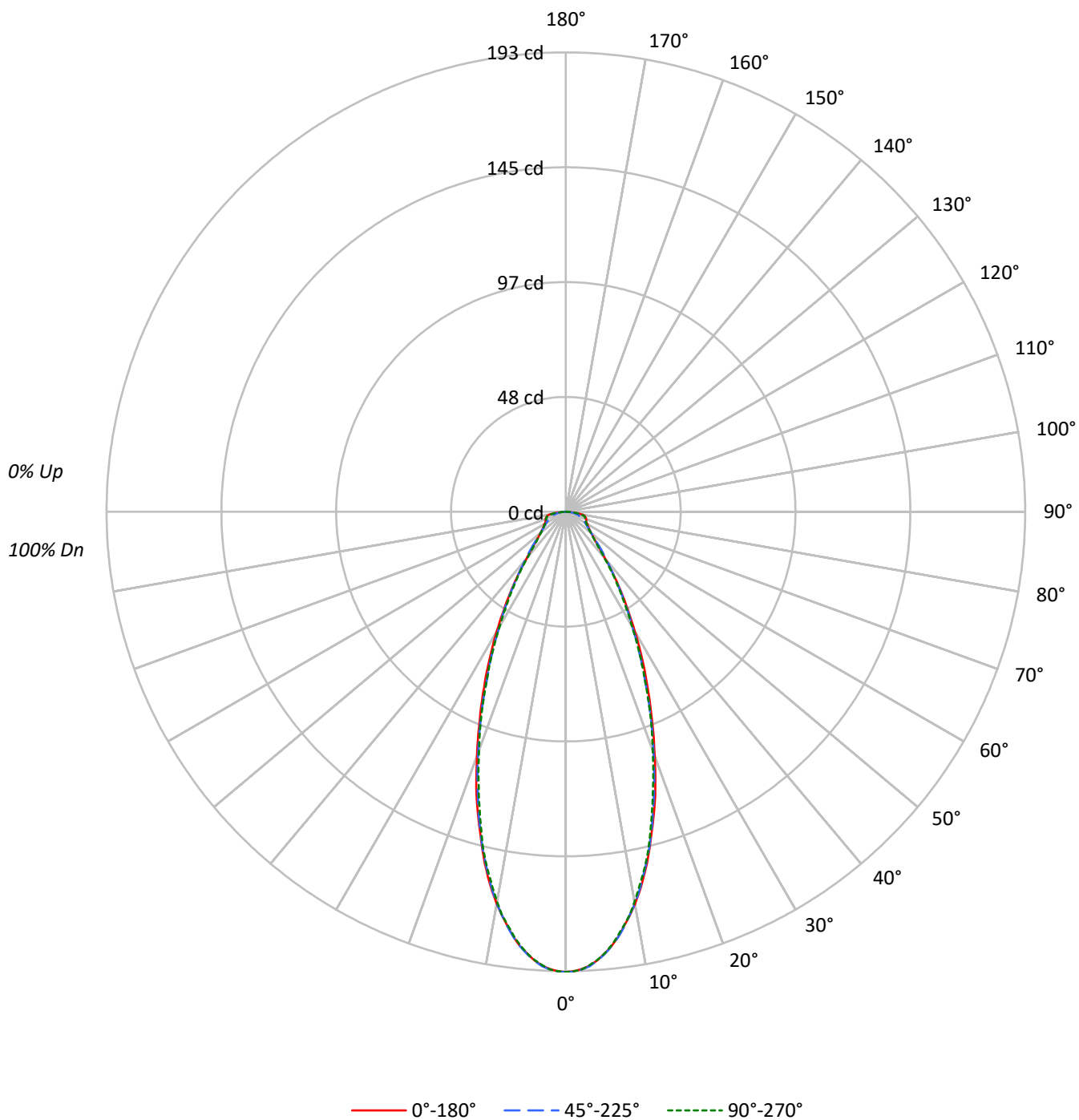
Lumens per Lamp: N/A
Luminaire Lumens: 160.0 lumens
Efficiency: N/A
Efficacy: 44.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	33308	33308	33308
5°	32208	32260	32208
10°	29257	29222	29082
15°	24837	24748	24534
20°	19995	19739	19555
25°	15449	14993	14993
30°	11534	11136	11037
35°	8305	8200	7989
40°	5800	5958	5576
45°	4335	4579	4214
50°	3724	3724	3644
55°	3513	3363	3423
60°	3617	3272	3444
65°	3871	3260	3790
70°	4532	3424	4431
75°	5656	3593	5523
80°	7240	3868	6546
85°	5730	3754	5730

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 7240 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.2	10.7
10°-20°	38.3	24.0
20°-30°	36.6	22.9
30°-40°	24.6	15.4
40°-50°	14.4	9.0
50°-60°	10.3	6.4
60°-70°	8.6	5.4
70°-80°	7.1	4.4
80°-90°	2.9	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°	92.1	57.6
0°-40°	116.7	72.9
0°-60°	141.5	88.4
0°-90°	160.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	160.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	193	193	193	193	193	
5°	186	187	187	186	186	17
15°	139	140	139	138	138	39
25°	81	80	79	79	79	37
35°	40	40	39	38	38	25
45°	18	18	19	18	17	14
55°	12	11	11	11	11	11
65°	10	8	8	8	9	9
75°	8	7	5	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°	193.4	193.4	193.4	193.4	193.4
1°	193.1	193.4	193.4	193.1	193.1
2°	192.2	192.7	192.4	192.2	192.4
3°	190.9	191.4	191.2	190.9	190.7
4°	189.0	189.5	189.2	188.8	188.8
5°	186.3	186.8	186.6	186.3	186.3
6°	183.6	184.1	183.6	183.2	183.2
7°	180.0	180.7	180.2	179.7	179.5
8°	175.8	176.6	176.1	175.8	175.4
9°	171.7	172.2	171.5	171.5	171.5
10°	167.3	167.6	167.1	166.3	166.3
11°	162.5	162.2	162.0	161.5	161.0
12°	157.1	157.1	156.4	155.9	155.6
13°	151.5	151.2	150.8	150.3	150.3
14°	145.6	145.6	145.2	144.2	144.4
15°	139.3	139.6	138.8	137.9	137.6
17.5°	124.9	124.5	123.2	122.5	121.8
20°	109.1	108.9	107.7	106.9	106.7
22.5°	94.5	94.3	93.0	92.3	92.8
25°	81.3	80.4	78.9	78.9	78.9
27.5°	69.2	68.0	67.0	66.5	67.0
30°	58.0	57.0	56.0	55.8	55.5
32.5°	48.0	47.5	47.0	46.3	46.3
35°	39.5	39.5	39.0	38.2	38.0
37.5°	32.1	32.4	32.1	31.4	31.2
40°	25.8	26.3	26.5	25.8	24.8
42.5°	21.2	21.9	22.4	21.2	20.5
45°	17.8	18.3	18.8	17.8	17.3
47.5°	15.6	15.8	16.1	15.3	15.1
50°	13.9	13.9	13.9	13.6	13.6
52.5°	12.7	12.7	12.4	12.2	12.2
55°	11.7	11.4	11.2	11.2	11.4
57.5°	11.0	10.7	10.2	10.5	10.7
60°	10.5	10.0	9.5	9.7	10.0
62.5°	9.7	9.3	8.8	9.0	9.5
65°	9.5	8.5	8.0	8.5	9.3
67.5°	9.3	8.0	7.3	8.0	9.0
70°	9.0	7.6	6.8	7.6	8.8
72.5°	8.8	7.1	6.1	7.1	8.5
75°	8.5	6.6	5.4	6.6	8.3
77.5°	8.0	6.1	4.6	6.1	7.6
80°	7.3	5.6	3.9	5.4	6.6
82.5°	5.4	4.6	3.2	4.6	4.9
85°	2.9	3.2	1.9	3.2	2.9
87.5°	0.2	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)