

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: P1313079

Luminaire Tested: P3SQAS05R259730DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313079
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: P3SQAS05R259730DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

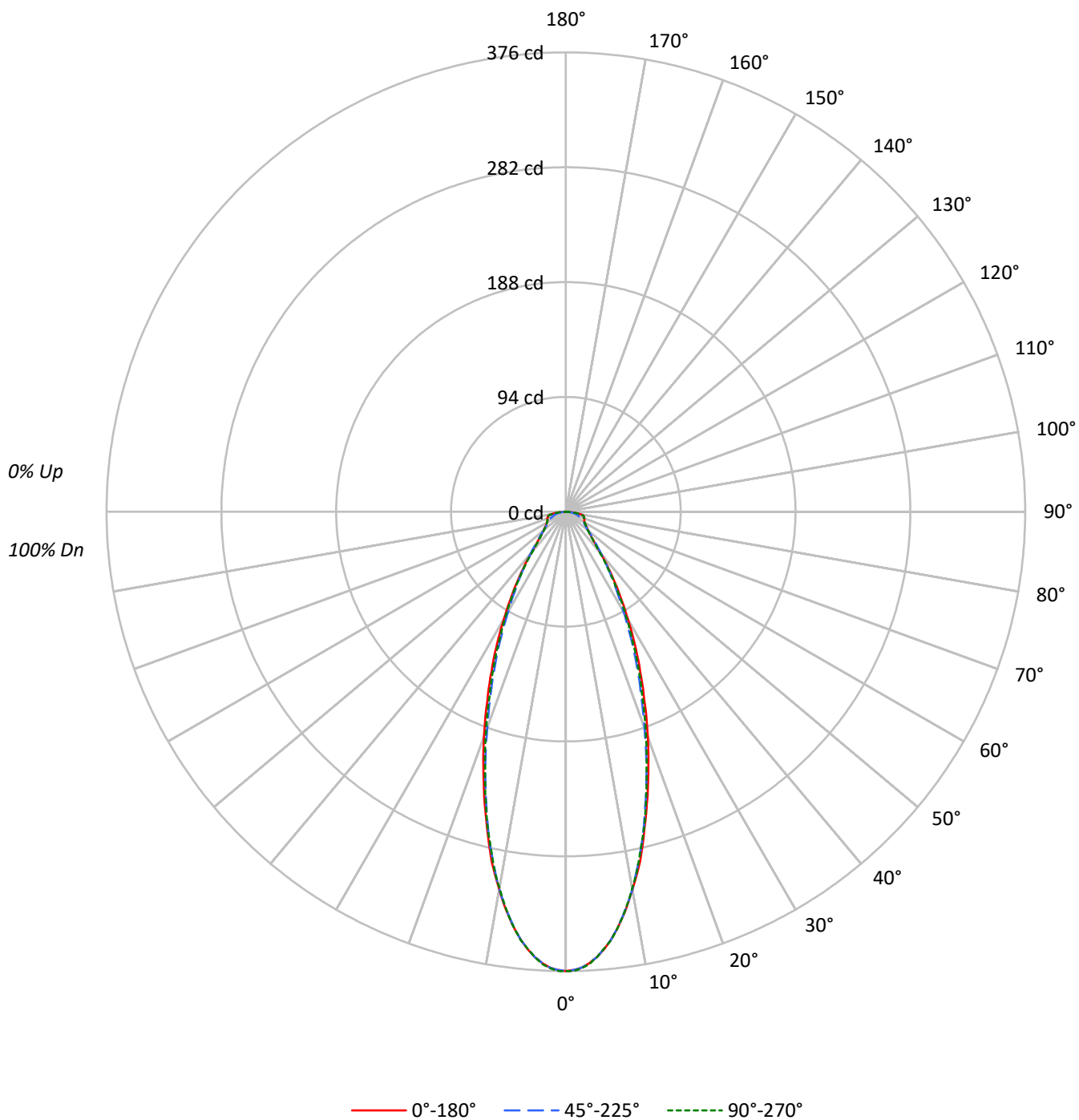
Lumens per Lamp: N/A
Luminaire Lumens: 284.0 lumens
Efficiency: N/A
Efficacy: 39.5 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89	89	89
2	104	98	92	88	102	96	91	87	93	89	85	89	86	83	87	84	81	80	80	80
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	72	72	72
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	66	66	66
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	61	61	61
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	56	56	56
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	53	53	53
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	49	49	49
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46	46	46
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	44	44	44

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	64756	64756	64756
5°	62133	62064	62064
10°	54930	54860	54702
15°	45359	44717	44967
20°	35940	34456	35042
25°	27364	25920	26604
30°	20165	18733	19548
35°	14444	13771	13960
40°	9892	10094	9577
45°	7331	7770	7209
50°	6377	6377	6243
55°	6065	5795	6065
60°	6166	5718	6166
65°	6765	5868	6765
70°	8157	5891	7906
75°	10181	6255	10181
80°	12893	6645	12001
85°	10671	6126	10671

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 12893 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.8	11.6
10°-20°	69.7	24.5
20°-30°	63.9	22.5
30°-40°	42.1	14.8
40°-50°	24.5	8.6
50°-60°	17.9	6.3
60°-70°	15.2	5.4
70°-80°	12.6	4.4
80°-90°	5.2	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°	166.4	58.6
0°-40°	208.6	73.4
0°-60°	251.0	88.4
0°-90°	284.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	284.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	376	376	376	376	376	
5°	359	359	359	359	359	33
15°	254	254	251	252	252	71
25°	144	140	136	137	140	66
35°	69	67	66	66	66	43
45°	30	31	32	30	30	24
55°	20	20	19	20	20	18
65°	17	15	14	15	17	17
75°	15	12	9	12	15	16
85°	5	6	3	6	5	6
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	376.0	376.0	376.0	376.0	376.0
1°	375.1	375.1	375.1	375.1	376.0
2°	373.3	372.9	373.3	373.3	373.8
3°	369.8	369.8	369.8	369.8	370.7
4°	365.3	365.3	365.3	365.3	365.3
5°	359.4	359.0	359.0	359.4	359.0
6°	352.3	352.3	352.3	352.3	352.7
7°	344.2	343.7	343.7	343.3	344.2
8°	334.8	334.8	334.3	333.9	334.8
9°	324.9	325.3	324.4	324.0	324.0
10°	314.1	313.7	313.7	313.7	312.8
11°	303.3	302.0	301.5	301.5	302.4
12°	292.6	290.3	289.4	289.4	289.4
13°	279.6	278.7	277.3	276.4	276.9
14°	266.5	266.5	264.3	264.3	265.2
15°	254.4	253.5	250.8	251.7	252.2
17.5°	224.4	222.6	219.4	219.4	219.9
20°	196.1	193.0	188.0	190.3	191.2
22.5°	168.3	165.1	160.2	162.4	163.3
25°	144.0	140.0	136.4	136.9	140.0
27.5°	122.1	117.6	114.0	115.3	117.1
30°	101.4	98.7	94.2	96.5	98.3
32.5°	83.9	81.7	78.5	79.9	81.7
35°	68.7	67.3	65.5	65.5	66.4
37.5°	55.6	55.2	54.3	53.8	53.4
40°	44.0	44.9	44.9	44.0	42.6
42.5°	35.9	36.8	37.7	35.9	34.6
45°	30.1	31.0	31.9	30.1	29.6
47.5°	26.5	26.9	27.4	26.5	26.0
50°	23.8	23.8	23.8	23.3	23.3
52.5°	22.0	21.5	21.1	21.5	21.5
55°	20.2	20.2	19.3	19.7	20.2
57.5°	18.8	18.4	17.9	18.4	18.8
60°	17.9	17.1	16.6	17.1	17.9
62.5°	17.1	16.2	15.3	16.2	17.1
65°	16.6	15.3	14.4	15.3	16.6
67.5°	16.2	14.4	13.0	14.4	16.2
70°	16.2	13.5	11.7	13.5	15.7
72.5°	15.7	12.6	10.8	12.6	15.7
75°	15.3	11.7	9.4	11.7	15.3
77.5°	14.8	10.8	8.1	10.8	14.4
80°	13.0	9.9	6.7	9.9	12.1
82.5°	9.4	8.1	5.4	8.1	9.0
85°	5.4	5.8	3.1	5.8	5.4
87.5°	0.9	1.3	0.9	2.2	1.8



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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)