

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: P1317774

Luminaire Tested: P3SQAS05R609835DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317774
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R609835DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

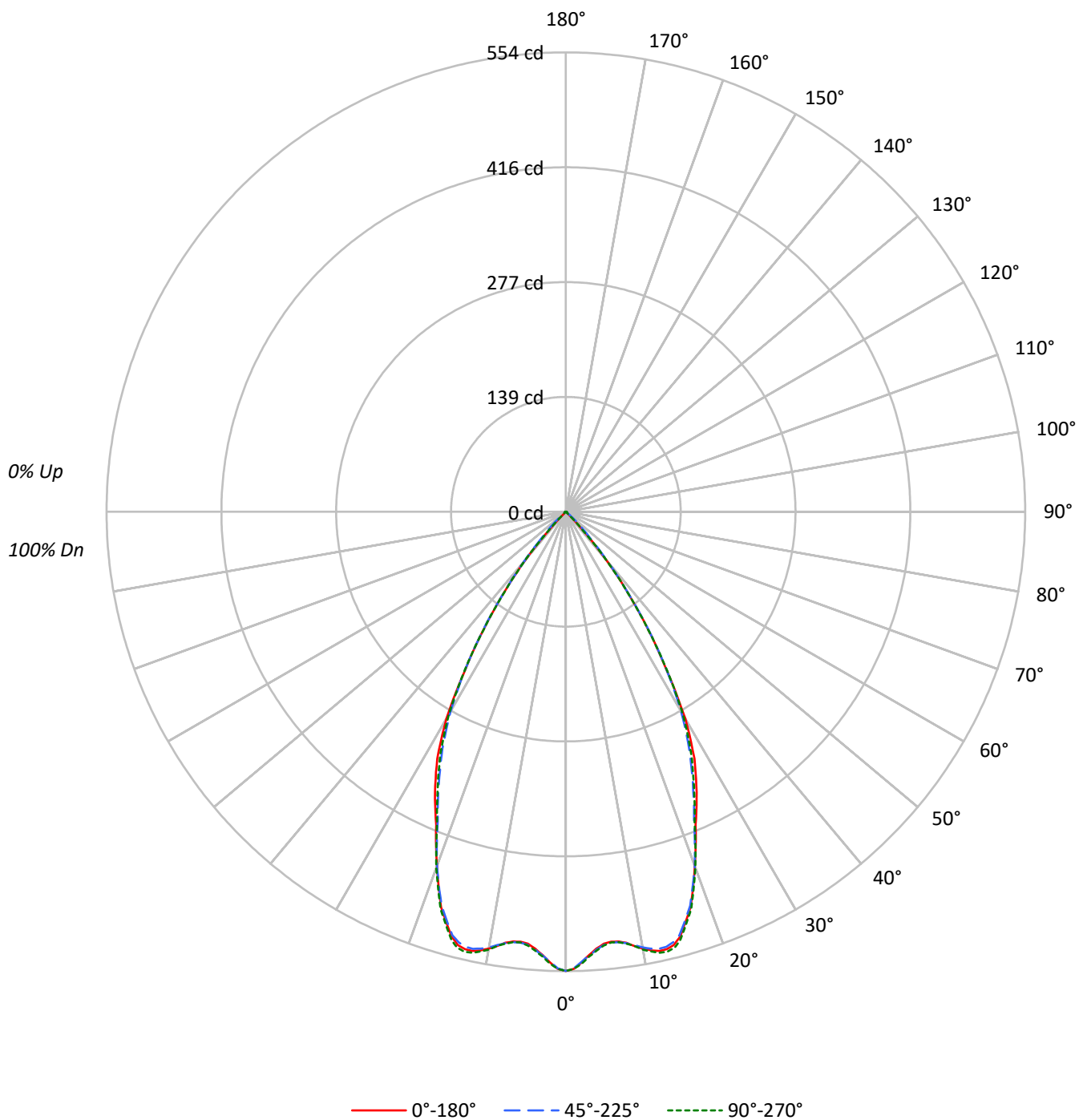
Lumens per Lamp: N/A
Luminaire Lumens: 494.0 lumens
Efficiency: N/A
Efficacy: 68.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	108	106	111	109	107	105	105	103	101		101	100	98		98
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	79		83
5	93	85	79	75	91	84	79	75	82	77	74		80	76	73		79
6	88	80	74	70	87	79	73	69	77	73	69		76	72	68		75
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	70	65	61	69	64	60		68	64	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	95377	95377	95377
5°	90399	90676	90797
10°	93543	93281	93753
15°	94676	94266	95229
20°	83372	83299	83720
25°	70956	68885	69474
30°	57253	55265	56180
35°	36246	36562	36162
40°	16951	17648	17199
45°	1047	6211	1218
50°	509	1447	509
55°	570	570	570
60°	517	517	517
65°	489	611	489
70°	604	604	604
75°	532	532	532
80°	397	397	397
85°	790	790	790

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 6211 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.5	10.2
10°-20°	145.4	29.4
20°-30°	167.6	33.9
30°-40°	107.6	21.8
40°-50°	18.7	3.8
50°-60°	1.8	0.4
60°-70°	1.4	0.3
70°-80°	0.8	0.2
80°-90°	0.3	0.1
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°	363.4	73.6
0°-40°	471.0	95.4
0°-60°	491.5	99.5
0°-90°	494.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	494.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	554	554	554	554	554	
5°	523	524	524	526	525	50
15°	531	529	529	532	534	146
25°	373	369	362	363	366	170
35°	172	171	174	170	172	108
45°	4	13	26	15	5	14
55°	2	2	2	2	2	2
65°	1	2	2	2	1	1
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	553.8	553.8	553.8	553.8	553.8
1°	551.5	551.1	550.8	551.1	551.5
2°	543.8	543.4	543.0	544.6	545.3
3°	535.3	535.7	536.1	536.8	537.2
4°	528.3	529.1	529.5	530.3	530.7
5°	522.9	524.1	524.5	525.6	525.2
6°	521.4	522.2	522.5	522.9	522.2
7°	522.2	522.5	522.9	523.7	522.9
8°	524.9	525.2	525.6	526.0	526.0
9°	530.3	529.5	529.1	530.7	530.3
10°	534.9	533.7	533.4	535.7	536.1
11°	538.8	537.2	536.8	539.5	540.3
12°	541.5	539.2	538.8	542.2	543.8
13°	541.5	538.4	538.4	542.2	544.6
14°	538.4	534.9	534.9	539.2	541.9
15°	531.0	529.1	528.7	532.2	534.1
17.5°	500.1	497.8	498.2	502.1	502.4
20°	454.9	453.7	454.5	455.3	456.8
22.5°	408.9	408.1	403.9	405.0	405.8
25°	373.4	369.1	362.5	362.9	365.6
27.5°	335.9	331.6	322.3	324.3	327.0
30°	287.9	284.5	277.9	279.0	282.5
32.5°	226.1	233.1	226.9	228.8	227.6
35°	172.4	171.2	173.9	170.4	172.0
37.5°	121.4	121.7	122.9	119.8	119.8
40°	75.4	77.3	78.5	76.9	76.5
42.5°	31.7	43.3	45.6	43.3	32.1
45°	4.3	12.8	25.5	15.1	5.0
47.5°	1.9	2.7	13.5	2.7	1.9
50°	1.9	1.9	5.4	1.9	1.9
52.5°	1.9	1.9	1.9	1.9	1.9
55°	1.9	1.9	1.9	1.9	1.9
57.5°	1.9	1.9	1.9	1.9	1.9
60°	1.5	1.5	1.5	1.5	1.5
62.5°	1.5	1.5	1.5	1.5	1.5
65°	1.2	1.5	1.5	1.5	1.2
67.5°	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2
72.5°	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8
80°	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4
85°	0.4	0.4	0.4	0.4	0.4
87.5°	0.0	0.0	0.0	0.0	0.0



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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)