

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: P1305665

Luminaire Tested: P3SQASS05R609024DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305665
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: P3SQASS05R609024DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

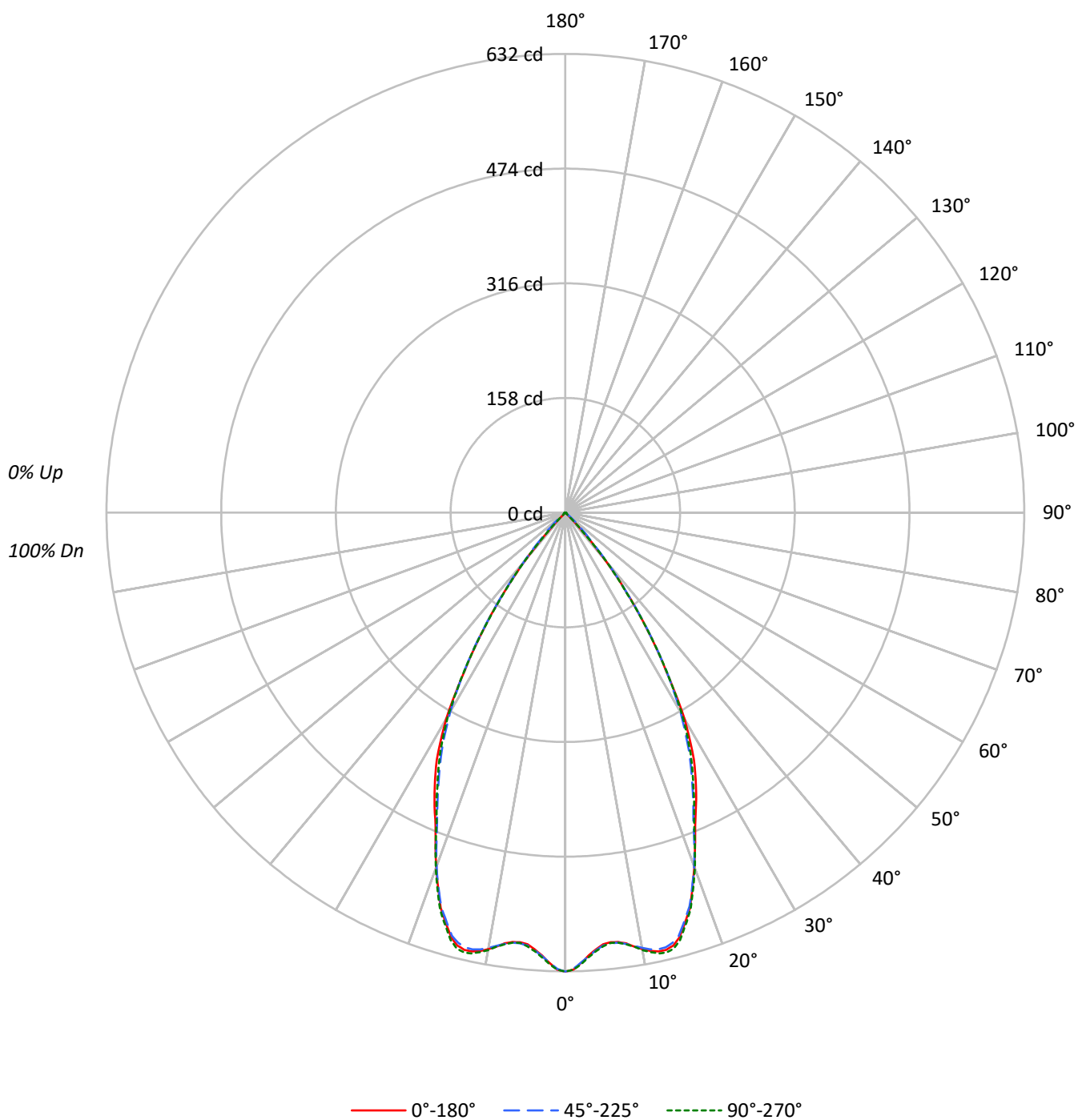
Lumens per Lamp: N/A
Luminaire Lumens: 564.0 lumens
Efficiency: N/A
Efficacy: 78.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	108896	108896	108896
5°	103210	103521	103676
10°	106799	106484	107026
15°	108102	107621	108726
20°	95193	95102	95597
25°	81008	78652	79317
30°	65367	63100	64154
35°	41376	41755	41292
40°	19335	20144	19649
45°	1193	7088	1388
50°	589	1661	589
55°	661	661	661
60°	620	620	620
65°	530	734	530
70°	655	655	655
75°	599	599	599
80°	397	397	397
85°	790	790	790

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 7088 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.6	10.2
10°-20°	166.0	29.4
20°-30°	191.3	33.9
30°-40°	122.9	21.8
40°-50°	21.4	3.8
50°-60°	2.0	0.4
60°-70°	1.6	0.3
70°-80°	0.9	0.2
80°-90°	0.3	0.0
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°	414.9	73.6
0°-40°	537.8	95.4
0°-60°	561.2	99.5
0°-90°	564.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	564.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	632	632	632	632	632	
5°	597	598	599	600	600	58
15°	606	604	604	608	610	166
25°	426	421	414	414	417	194
35°	197	196	199	195	196	123
45°	5	15	29	17	6	16
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°	632.3	632.3	632.3	632.3	632.3
1°	629.7	629.2	628.8	629.2	629.7
2°	620.9	620.4	620.0	621.7	622.6
3°	611.1	611.6	612.0	612.9	613.4
4°	603.2	604.1	604.5	605.4	605.8
5°	597.0	598.3	598.8	600.1	599.7
6°	595.3	596.1	596.6	597.0	596.1
7°	596.1	596.6	597.0	597.9	597.0
8°	599.2	599.7	600.1	600.6	600.6
9°	605.4	604.5	604.1	605.8	605.4
10°	610.7	609.4	608.9	611.6	612.0
11°	615.1	613.4	612.9	616.0	616.9
12°	618.2	615.6	615.1	619.1	620.9
13°	618.2	614.7	614.7	619.1	621.7
14°	614.7	610.7	610.7	615.6	618.6
15°	606.3	604.1	603.6	607.6	609.8
17.5°	571.0	568.3	568.8	573.2	573.6
20°	519.4	518.0	518.9	519.8	521.6
22.5°	466.9	466.0	461.1	462.4	463.3
25°	426.3	421.4	413.9	414.3	417.4
27.5°	383.5	378.6	368.0	370.2	373.3
30°	328.7	324.8	317.3	318.6	322.6
32.5°	258.1	266.1	259.0	261.2	259.9
35°	196.8	195.5	198.6	194.6	196.4
37.5°	138.6	139.0	140.3	136.8	136.8
40°	86.0	88.3	89.6	87.8	87.4
42.5°	36.2	49.4	52.1	49.4	36.6
45°	4.9	14.6	29.1	17.2	5.7
47.5°	2.2	3.1	15.4	3.1	2.2
50°	2.2	2.2	6.2	2.2	2.2
52.5°	2.2	2.2	2.2	2.2	2.2
55°	2.2	2.2	2.2	2.2	2.2
57.5°	2.2	2.2	2.2	2.2	2.2
60°	1.8	1.8	1.8	1.8	1.8
62.5°	1.8	1.8	1.8	1.8	1.8
65°	1.3	1.8	1.8	1.8	1.3
67.5°	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3
72.5°	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9
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)