

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: P1314128

Luminaire Tested: P3SQAS05R609735DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314128
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R609735DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

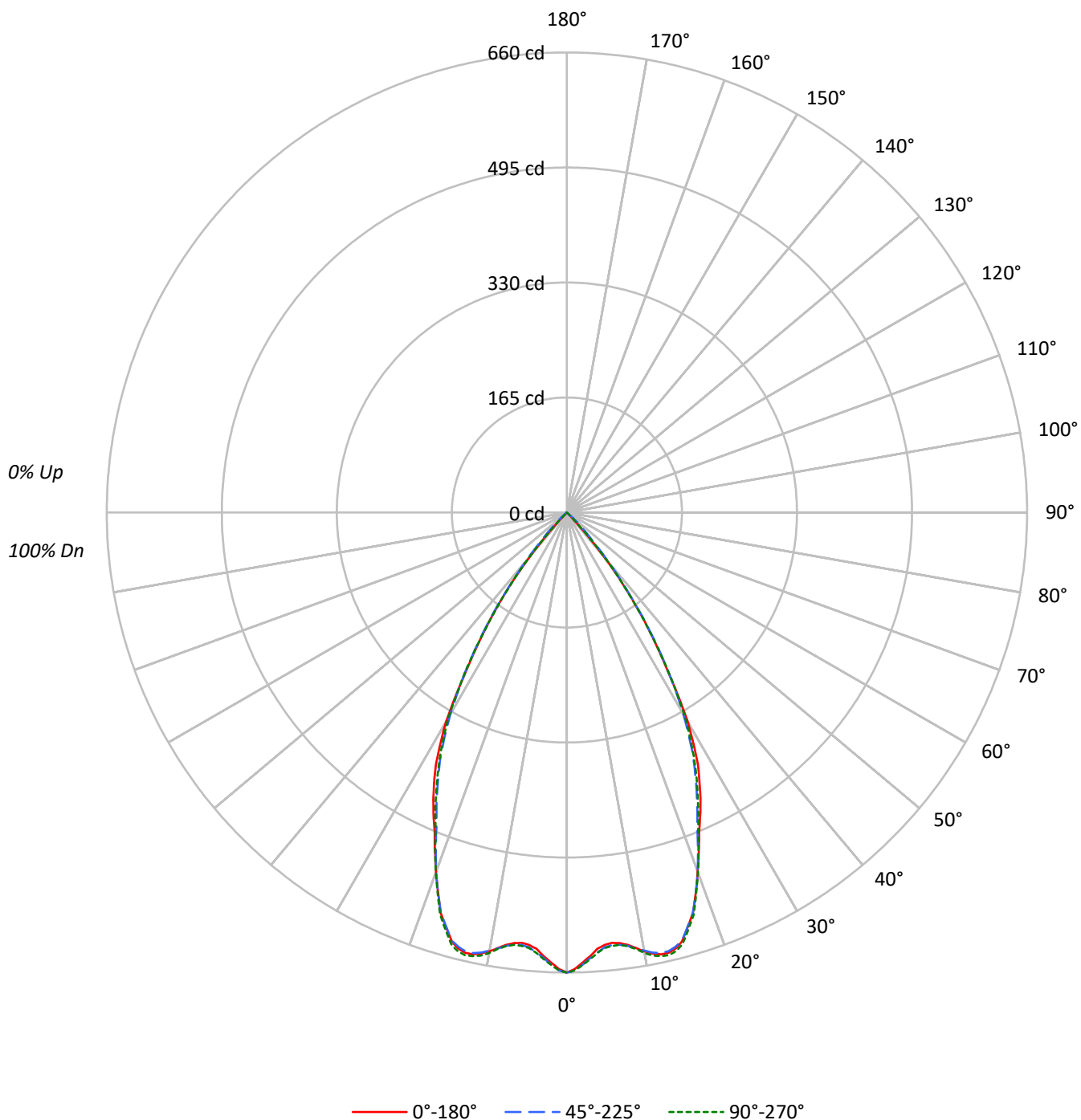
Lumens per Lamp: N/A
Luminaire Lumens: 585.0 lumens
Efficiency: N/A
Efficacy: 81.3 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1314128

CATALOG NUMBER: P3SQAS05R609735DE010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1314128

CATALOG NUMBER: P3SQAS05R609735DE010 E3SQCD1MB

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	109	107	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	113684	113684	113684
5°	107670	108240	108396
10°	111765	111608	112255
15°	113629	113451	114289
20°	100545	100545	100728
25°	86177	83593	84315
30°	68927	66421	67455
35°	42764	43647	42659
40°	18773	20661	19290
45°	219	6698	560
50°	0	750	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 6698 cd/sqm

TEST NUMBER: P1314128

CATALOG NUMBER: P3SQAS05R609735DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.3	10.3
10°-20°	174.8	29.9
20°-30°	202.9	34.7
30°-40°	127.8	21.8
40°-50°	19.2	3.3
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	437.9	74.9
0°-40°	565.7	96.7
0°-60°	585.0	100.0
0°-90°	585.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	585.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	660	660	660	660	660	
5°	623	625	626	628	627	60
15°	637	635	636	640	641	175
25°	454	448	440	442	444	206
35°	203	204	208	203	203	127
45°	1	9	28	12	2	13
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

TEST NUMBER: P1314128

CATALOG NUMBER: P3SQAS05R609735DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	660.1	660.1	660.1	660.1	660.1
1°	655.0	656.9	656.9	657.3	656.9
2°	646.1	648.9	648.9	650.3	649.4
3°	637.3	639.6	640.1	641.9	641.5
4°	627.5	631.2	632.6	633.5	633.1
5°	622.8	625.1	626.1	627.5	627.0
6°	620.9	622.8	623.7	625.1	625.1
7°	622.3	623.7	625.1	626.1	625.1
8°	626.5	627.9	627.9	629.8	628.4
9°	632.6	633.1	633.1	635.4	634.0
10°	639.1	638.2	638.2	641.5	641.9
11°	644.7	643.8	643.3	646.6	647.5
12°	648.0	646.1	646.1	650.3	650.8
13°	648.5	646.1	646.1	650.3	651.7
14°	644.7	641.9	642.4	647.1	648.5
15°	637.3	634.9	636.3	640.5	641.0
17.5°	601.8	600.4	601.3	604.1	604.6
20°	548.6	547.7	548.6	548.6	549.6
22.5°	495.9	493.6	488.9	491.7	492.2
25°	453.5	448.3	439.9	441.8	443.7
27.5°	406.8	400.3	391.4	393.7	394.2
30°	346.6	343.4	334.0	336.4	339.2
32.5°	267.8	276.6	271.0	270.6	271.0
35°	203.4	203.9	207.6	203.4	202.9
37.5°	142.3	142.8	145.6	140.9	141.4
40°	83.5	89.6	91.9	90.0	85.8
42.5°	26.1	46.2	52.3	45.3	28.9
45°	0.9	8.9	27.5	11.7	2.3
47.5°	0.0	0.5	13.1	0.9	0.0
50°	0.0	0.0	2.8	0.0	0.0
52.5°	0.0	0.0	0.5	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1314128
CATALOG NUMBER: P3SQAS05R609735DE010 E3SQCD1MB

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)