

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: P1307585

Luminaire Tested: P3SQAS02R609030DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307585
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: P3SQAS02R609030DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

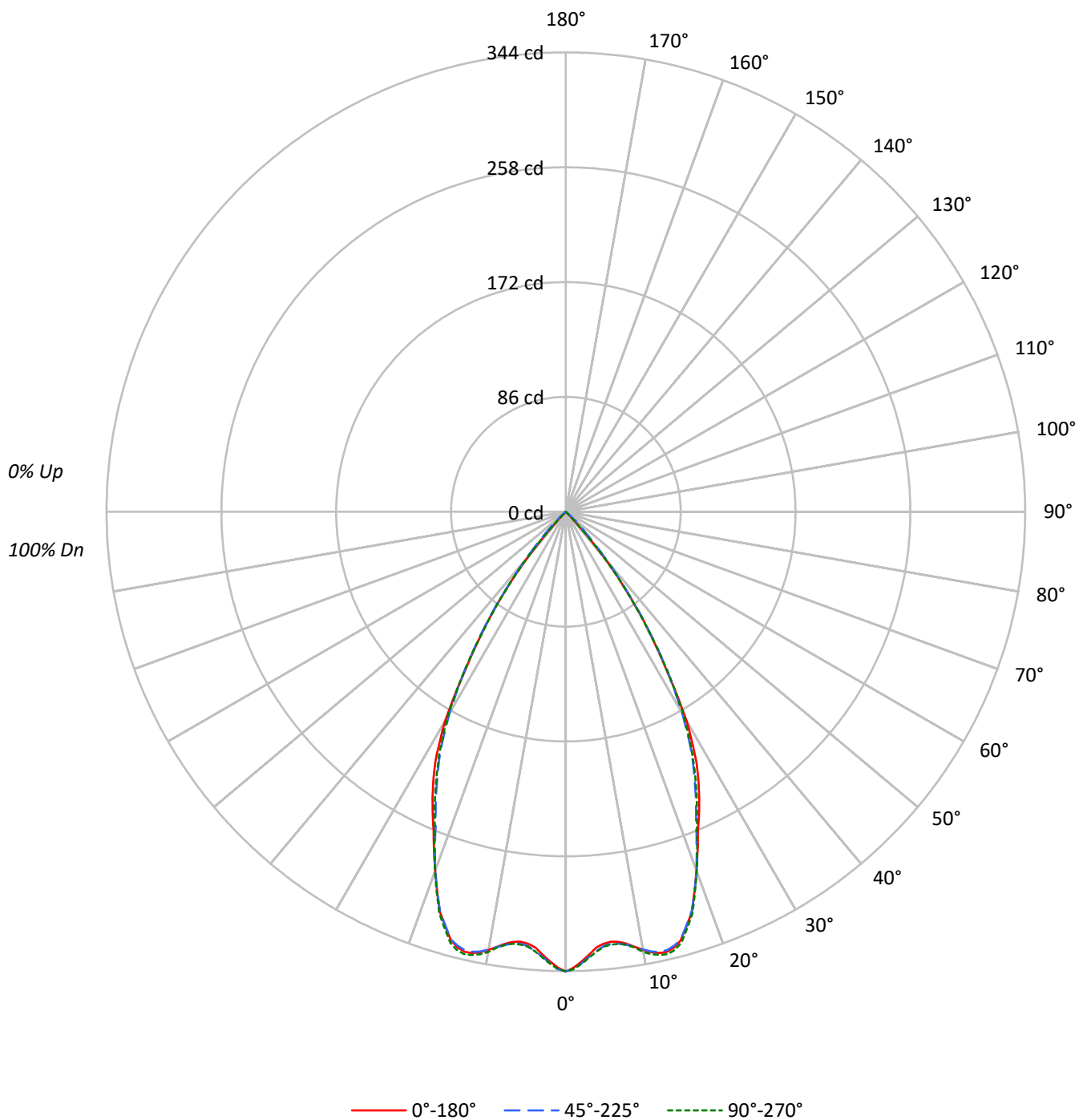
Lumens per Lamp: N/A
Luminaire Lumens: 305.0 lumens
Efficiency: N/A
Efficacy: 84.7 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1307585

CATALOG NUMBER: P3SQAS02R609030DE010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1307585

CATALOG NUMBER: P3SQAS02R609030DE010 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°	59279	59279	59279
5°	56134	56428	56515
10°	58270	58182	58532
15°	59248	59159	59587
20°	52417	52417	52508
25°	44922	43592	43953
30°	35935	34642	35159
35°	22286	22749	22244
40°	9780	10769	10072
45°	122	3507	292
50°	0	402	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: 3507 cd/sqm

TEST NUMBER: P1307585

CATALOG NUMBER: P3SQAS02R609030DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.4	10.3
10°-20°	91.1	29.9
20°-30°	105.8	34.7
30°-40°	66.6	21.8
40°-50°	10.0	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°	228.3	74.9
0°-40°	294.9	96.7
0°-60°	305.0	100.0
0°-90°	305.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	305.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	344	344	344	344	344	
5°	325	326	326	327	327	31
15°	332	331	332	334	334	91
25°	236	234	229	230	231	107
35°	106	106	108	106	106	66
45°	0	5	14	6	1	7
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: P1307585

CATALOG NUMBER: P3SQAS02R609030DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	344.2	344.2	344.2	344.2	344.2
1°	341.5	342.5	342.5	342.7	342.5
2°	336.9	338.3	338.3	339.1	338.6
3°	332.3	333.5	333.7	334.7	334.4
4°	327.1	329.1	329.8	330.3	330.1
5°	324.7	325.9	326.4	327.1	326.9
6°	323.7	324.7	325.2	325.9	325.9
7°	324.5	325.2	325.9	326.4	325.9
8°	326.7	327.4	327.4	328.4	327.6
9°	329.8	330.1	330.1	331.3	330.5
10°	333.2	332.7	332.7	334.4	334.7
11°	336.1	335.7	335.4	337.1	337.6
12°	337.8	336.9	336.9	339.1	339.3
13°	338.1	336.9	336.9	339.1	339.8
14°	336.1	334.7	334.9	337.4	338.1
15°	332.3	331.0	331.8	334.0	334.2
17.5°	313.8	313.0	313.5	315.0	315.2
20°	286.0	285.6	286.0	286.0	286.5
22.5°	258.6	257.3	254.9	256.4	256.6
25°	236.4	233.7	229.4	230.3	231.3
27.5°	212.1	208.7	204.1	205.3	205.5
30°	180.7	179.0	174.2	175.4	176.8
32.5°	139.6	144.2	141.3	141.1	141.3
35°	106.0	106.3	108.2	106.0	105.8
37.5°	74.2	74.4	75.9	73.5	73.7
40°	43.5	46.7	47.9	46.9	44.8
42.5°	13.6	24.1	27.2	23.6	15.1
45°	0.5	4.6	14.4	6.1	1.2
47.5°	0.0	0.2	6.8	0.5	0.0
50°	0.0	0.0	1.5	0.0	0.0
52.5°	0.0	0.0	0.2	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: P1307585

CATALOG NUMBER: P3SQAS02R609030DE010 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)