

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: P1308720

Luminaire Tested: P3SQAS02R709035DE010 E3SQCLDWW1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308720
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R709035DE010 E3SQCLDWW1MMS
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3SQCLDWW1MMS TR
Light Source: -
Ballast/Driver: -

Summary

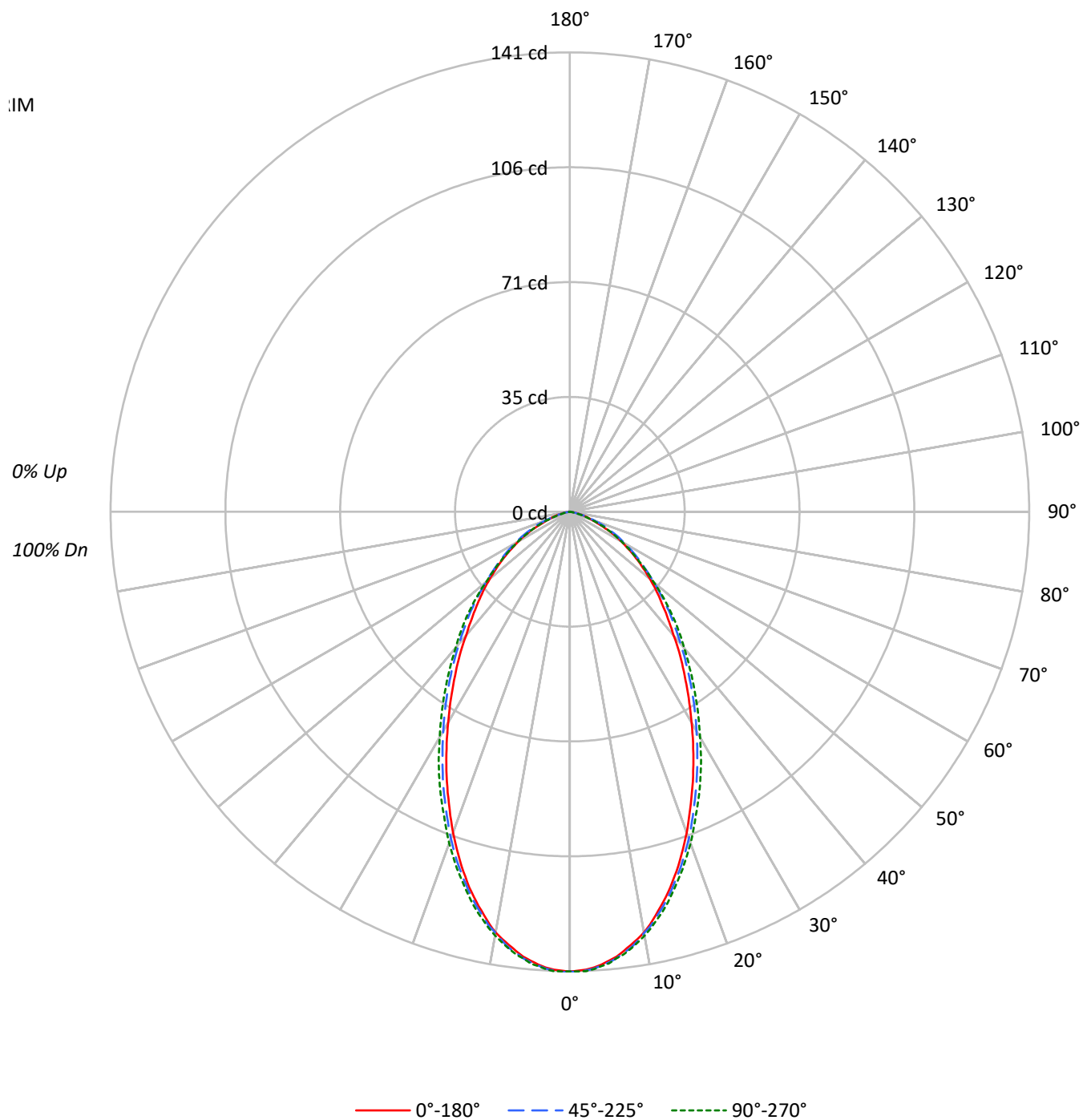
Lumens per Lamp: N/A
Luminaire Lumens: 202.0 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1308720

CATALOG NUMBER: P3SQAS02R709035DE010 E3SQCLDWW1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1308720

CATALOG NUMBER: P3SQAS02R709035DE010 E3SQCLDWW1MMS

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	111	108	104	101	109	106	103	100	101	99	97		98	96	94		94
2	103	97	92	87	101	95	90	86	92	88	84		89	85	82		86
3	96	87	81	76	94	86	80	75	83	78	74		81	76	72		78
4	89	79	72	66	87	78	71	66	76	70	65		74	68	64		72
5	83	72	65	59	81	71	64	59	69	63	58		67	62	58		66
6	78	66	59	53	76	65	58	53	64	57	53		62	56	52		61
7	73	61	53	48	71	60	53	48	59	52	48		58	52	47		56
8	68	57	49	44	67	56	49	44	55	48	44		53	48	43		52
9	64	53	45	40	63	52	45	40	51	45	40		50	44	40		49
10	61	49	42	37	60	48	42	37	48	41	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	24301	24301	24301
5°	23909	23996	24048
10°	22927	22962	23102
15°	21271	21449	21628
20°	19207	19574	19849
25°	17007	17482	17901
30°	14855	15452	15889
35°	12909	13603	14023
40°	11151	11893	12275
45°	9767	10449	10741
50°	8601	9002	9002
55°	7446	7837	7597
60°	6303	6717	6372
65°	4890	5624	5094
70°	3525	4179	3525
75°	2662	2529	1996
80°	1785	1289	496
85°	593	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 10741 cd/sqm

TEST NUMBER: P1308720

CATALOG NUMBER: P3SQAS02R709035DE010 E3SQCLDWW1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.0	6.4
10°-20°	33.6	16.6
20°-30°	42.2	20.9
30°-40°	40.3	19.9
40°-50°	32.7	16.2
50°-60°	22.9	11.3
60°-70°	12.9	6.4
70°-80°	4.1	2.0
80°-90°	0.3	0.2
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°	88.7	43.9
0°-40°	129.0	63.8
0°-60°	184.6	91.4
0°-90°	202.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	202.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	141	141	141	141	141	
5°	138	139	139	139	139	13
15°	119	120	120	121	121	33
25°	90	90	92	94	94	41
35°	61	62	65	66	67	38
45°	40	41	43	44	44	31
55°	25	25	26	26	25	22
65°	12	13	14	13	12	12
75°	4	4	4	3	3	4
85°	0	0	0	0	0	1
90°	0	0	0	0	0	

TEST NUMBER: P1308720

CATALOG NUMBER: P3SQAS02R709035DE010 E3SQCLDWW1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	141.1	141.1	141.1	141.1	141.1
1°	140.9	141.1	141.4	140.9	141.1
2°	140.6	140.9	140.9	140.6	141.1
3°	140.1	140.4	140.4	140.1	140.6
4°	139.3	139.6	139.6	139.3	139.8
5°	138.3	138.6	138.8	138.6	139.1
6°	137.3	137.6	137.8	137.6	137.8
7°	135.8	136.3	136.3	136.3	136.8
8°	134.3	134.8	135.1	134.8	135.3
9°	132.8	133.1	133.3	133.3	133.8
10°	131.1	131.3	131.3	131.6	132.1
11°	129.1	129.1	129.6	129.6	130.3
12°	126.6	126.8	127.3	127.6	128.1
13°	124.3	124.6	125.1	125.3	126.1
14°	121.8	122.3	122.8	123.1	123.8
15°	119.3	119.5	120.3	120.6	121.3
17.5°	112.3	112.5	113.8	114.3	115.0
20°	104.8	105.5	106.8	107.5	108.3
22.5°	97.0	97.7	99.2	100.5	101.0
25°	89.5	90.5	92.0	93.5	94.2
27.5°	82.0	83.0	84.7	86.2	87.2
30°	74.7	75.7	77.7	78.9	79.9
32.5°	67.9	68.9	71.2	72.4	73.2
35°	61.4	62.4	64.7	65.9	66.7
37.5°	55.6	56.6	58.6	59.9	60.4
40°	49.6	50.9	52.9	54.1	54.6
42.5°	44.6	45.6	47.6	48.6	49.4
45°	40.1	41.1	42.9	43.6	44.1
47.5°	36.1	36.6	38.1	38.3	38.8
50°	32.1	32.6	33.6	33.8	33.6
52.5°	28.3	28.8	29.6	29.3	29.3
55°	24.8	25.1	26.1	25.6	25.3
57.5°	21.3	21.8	22.8	22.1	21.8
60°	18.3	18.8	19.5	19.0	18.5
62.5°	15.3	15.5	16.8	15.8	15.3
65°	12.0	12.8	13.8	13.0	12.5
67.5°	9.0	10.3	11.3	10.3	9.8
70°	7.0	7.5	8.3	7.8	7.0
72.5°	5.3	5.5	5.8	5.3	4.8
75°	4.0	4.0	3.8	3.3	3.0
77.5°	2.8	2.8	2.3	1.5	1.5
80°	1.8	1.8	1.3	0.5	0.5
82.5°	0.8	0.8	0.5	0.3	0.3
85°	0.3	0.3	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1308720

CATALOG NUMBER: P3SQAS02R709035DE010 E3SQCLDWW1MMS

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)