

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: P1317628

Luminaire Tested: P3SQAS02R609835DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317628
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: P3SQAS02R609835DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

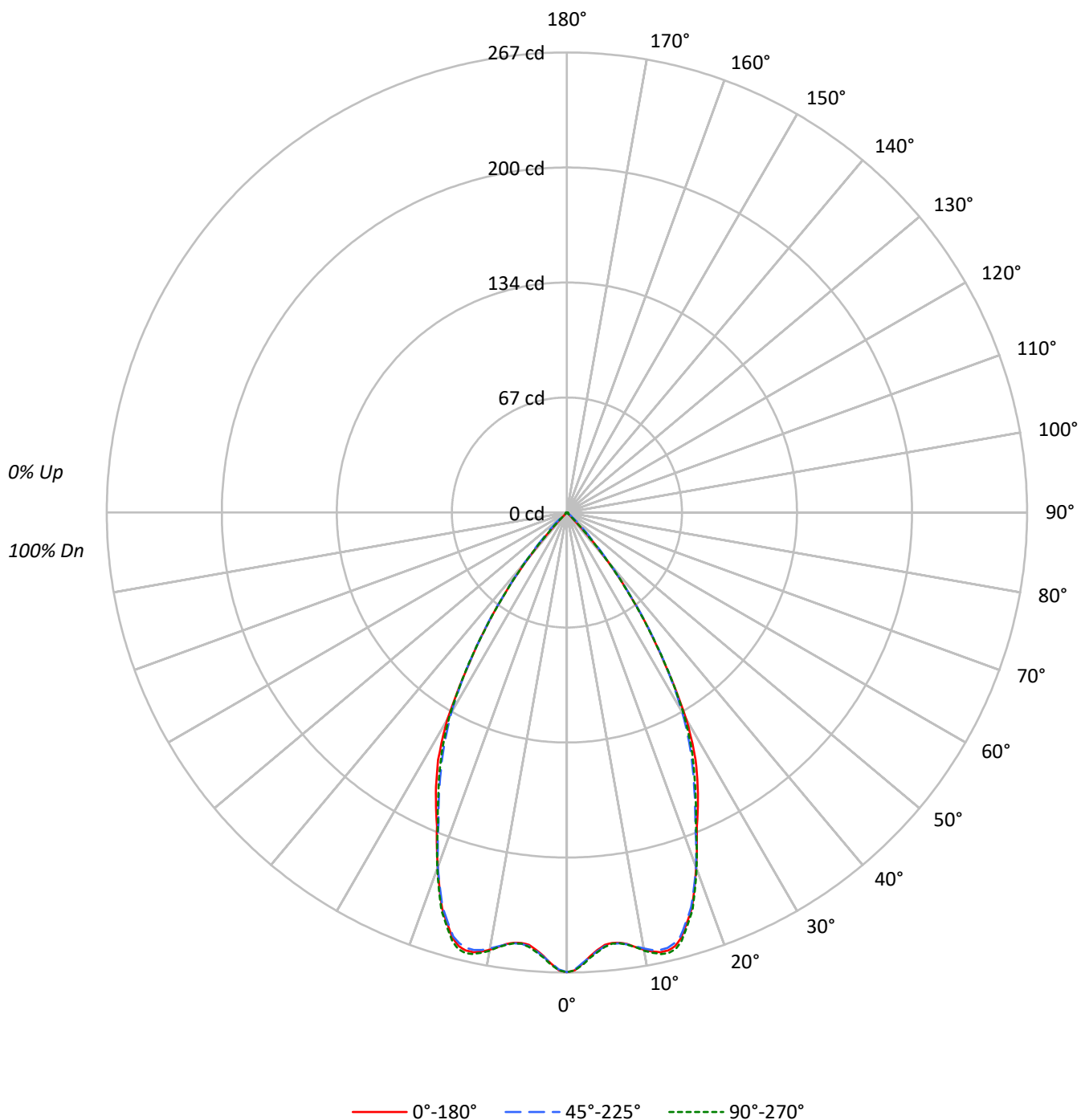
Lumens per Lamp: N/A
Luminaire Lumens: 238.0 lumens
Efficiency: N/A
Efficacy: 66.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1317628

CATALOG NUMBER: P3SQAS02R609835DE010 E3SQCD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1317628

CATALOG NUMBER: P3SQAS02R609835DE010 E3SQCD1MW

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	78		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°	45949	45949	45949
5°	43549	43687	43756
10°	45066	44944	45171
15°	45609	45413	45876
20°	40174	40137	40339
25°	34186	33198	33483
30°	27583	26628	27066
35°	17450	17619	17429
40°	8161	8498	8296
45°	487	2996	585
50°	241	697	241
55°	270	270	270
60°	241	241	241
65°	245	285	245
70°	302	302	302
75°	266	266	266
80°	198	198	198
85°	395	395	395

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 2996 cd/sqm

TEST NUMBER: P1317628

CATALOG NUMBER: P3SQAS02R609835DE010 E3SQCD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.3	10.2
10°-20°	70.0	29.4
20°-30°	80.7	33.9
30°-40°	51.8	21.8
40°-50°	9.0	3.8
50°-60°	0.8	0.3
60°-70°	0.7	0.3
70°-80°	0.4	0.2
80°-90°	0.1	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°	175.1	73.6
0°-40°	226.9	95.4
0°-60°	236.8	99.5
0°-90°	238.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	238.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	267	267	267	267	267	
5°	252	252	253	253	253	24
15°	256	255	255	256	257	70
25°	180	178	175	175	176	82
35°	83	82	84	82	83	52
45°	2	6	12	7	2	7
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

TEST NUMBER: P1317628

CATALOG NUMBER: P3SQAS02R609835DE010 E3SQCD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	266.8	266.8	266.8	266.8	266.8
1°	265.7	265.5	265.3	265.5	265.7
2°	262.0	261.8	261.6	262.4	262.7
3°	257.9	258.1	258.3	258.6	258.8
4°	254.5	254.9	255.1	255.5	255.7
5°	251.9	252.5	252.7	253.2	253.1
6°	251.2	251.6	251.7	251.9	251.6
7°	251.6	251.7	251.9	252.3	251.9
8°	252.9	253.1	253.2	253.4	253.4
9°	255.5	255.1	254.9	255.7	255.5
10°	257.7	257.1	257.0	258.1	258.3
11°	259.6	258.8	258.6	259.9	260.3
12°	260.9	259.8	259.6	261.2	262.0
13°	260.9	259.4	259.4	261.2	262.4
14°	259.4	257.7	257.7	259.8	261.1
15°	255.8	254.9	254.7	256.4	257.3
17.5°	240.9	239.8	240.0	241.9	242.1
20°	219.2	218.6	219.0	219.3	220.1
22.5°	197.0	196.6	194.6	195.1	195.5
25°	179.9	177.8	174.7	174.8	176.2
27.5°	161.8	159.8	155.3	156.2	157.5
30°	138.7	137.0	133.9	134.4	136.1
32.5°	108.9	112.3	109.3	110.2	109.7
35°	83.0	82.5	83.8	82.1	82.9
37.5°	58.5	58.7	59.2	57.7	57.7
40°	36.3	37.2	37.8	37.1	36.9
42.5°	15.3	20.9	22.0	20.9	15.5
45°	2.0	6.1	12.3	7.3	2.4
47.5°	0.9	1.3	6.5	1.3	0.9
50°	0.9	0.9	2.6	0.9	0.9
52.5°	0.9	0.9	0.9	0.9	0.9
55°	0.9	0.9	0.9	0.9	0.9
57.5°	0.9	0.9	0.9	0.9	0.9
60°	0.7	0.7	0.7	0.7	0.7
62.5°	0.7	0.7	0.7	0.7	0.7
65°	0.6	0.7	0.7	0.7	0.6
67.5°	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6
72.5°	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4
80°	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2
85°	0.2	0.2	0.2	0.2	0.2
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1317628

CATALOG NUMBER: P3SQAS02R609835DE010 E3SQCD1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)