

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: P1316752

Luminaire Tested: P3SQAS02R609830DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316752
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: P3SQAS02R609830DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

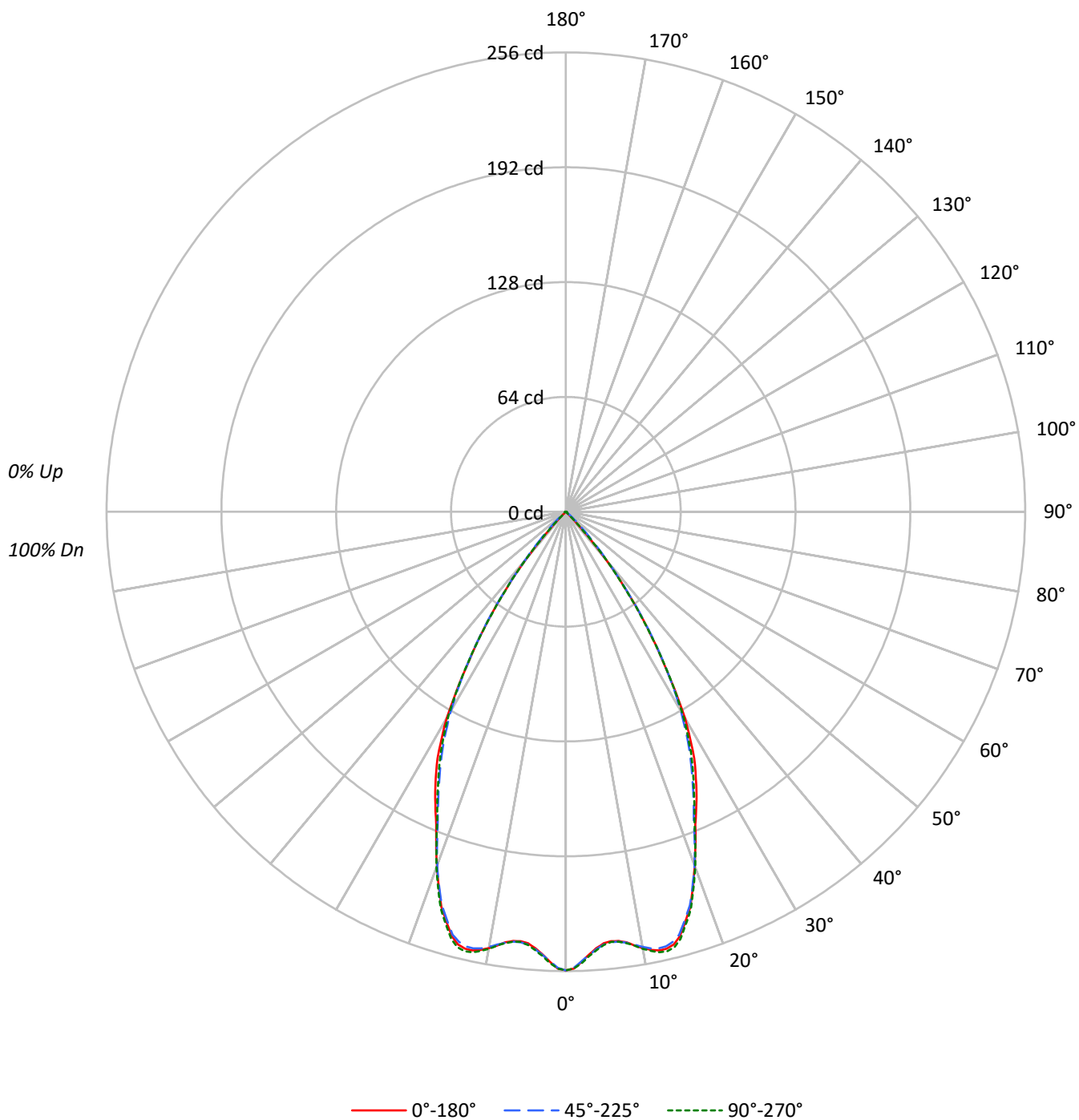
Lumens per Lamp: N/A
Luminaire Lumens: 228.0 lumens
Efficiency: N/A
Efficacy: 63.3 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	94		
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87		
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82		
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	78	76		
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	71		
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	67		
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62		
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	59		
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	59	56	55		
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	44020	44020	44020
5°	41733	41854	41906
10°	43178	43055	43265
15°	43701	43505	43950
20°	38488	38451	38634
25°	32742	31791	32057
30°	26429	25514	25932
35°	16736	16883	16693
40°	7824	8139	7936
45°	487	2874	560
50°	241	670	241
55°	270	270	270
60°	241	241	241
65°	204	285	204
70°	252	252	252
75°	266	266	266
80°	198	198	198
85°	395	395	395

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 2874 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.3	10.2
10°-20°	67.1	29.4
20°-30°	77.4	33.9
30°-40°	49.7	21.8
40°-50°	8.6	3.8
50°-60°	0.8	0.4
60°-70°	0.6	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°	167.7	73.6
0°-40°	217.4	95.3
0°-60°	226.9	99.5
0°-90°	228.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	228.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	256	256	256	256	256	
5°	241	242	242	243	242	23
15°	245	244	244	246	246	67
25°	172	170	167	168	169	79
35°	80	79	80	79	79	50
45°	2	6	12	7	2	7
55°	1	1	1	1	1	1
65°	0	1	1	1	0	1
75°	0	0	0	0	0	0
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°	255.6	255.6	255.6	255.6	255.6
1°	254.6	254.4	254.2	254.4	254.6
2°	251.0	250.8	250.6	251.3	251.7
3°	247.1	247.2	247.4	247.8	248.0
4°	243.8	244.2	244.4	244.7	244.9
5°	241.4	241.9	242.1	242.6	242.4
6°	240.6	241.0	241.2	241.4	241.0
7°	241.0	241.2	241.4	241.7	241.4
8°	242.2	242.4	242.6	242.8	242.8
9°	244.7	244.4	244.2	244.9	244.7
10°	246.9	246.3	246.2	247.2	247.4
11°	248.7	248.0	247.8	249.0	249.4
12°	249.9	248.8	248.7	250.3	251.0
13°	249.9	248.5	248.5	250.3	251.3
14°	248.5	246.9	246.9	248.8	250.1
15°	245.1	244.2	244.0	245.6	246.5
17.5°	230.8	229.8	229.9	231.7	231.9
20°	210.0	209.4	209.8	210.1	210.8
22.5°	188.7	188.4	186.4	186.9	187.3
25°	172.3	170.4	167.3	167.5	168.7
27.5°	155.0	153.1	148.8	149.7	150.9
30°	132.9	131.3	128.3	128.8	130.4
32.5°	104.4	107.6	104.7	105.6	105.1
35°	79.6	79.0	80.3	78.7	79.4
37.5°	56.0	56.2	56.7	55.3	55.3
40°	34.8	35.7	36.2	35.5	35.3
42.5°	14.6	20.0	21.0	20.0	14.8
45°	2.0	5.9	11.8	7.0	2.3
47.5°	0.9	1.2	6.2	1.2	0.9
50°	0.9	0.9	2.5	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°	0.5	0.7	0.7	0.7	0.5
67.5°	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5
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



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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)