

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: P1305988

Luminaire Tested: P3SQAS13R609024DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305988
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: P3SQAS13R609024DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

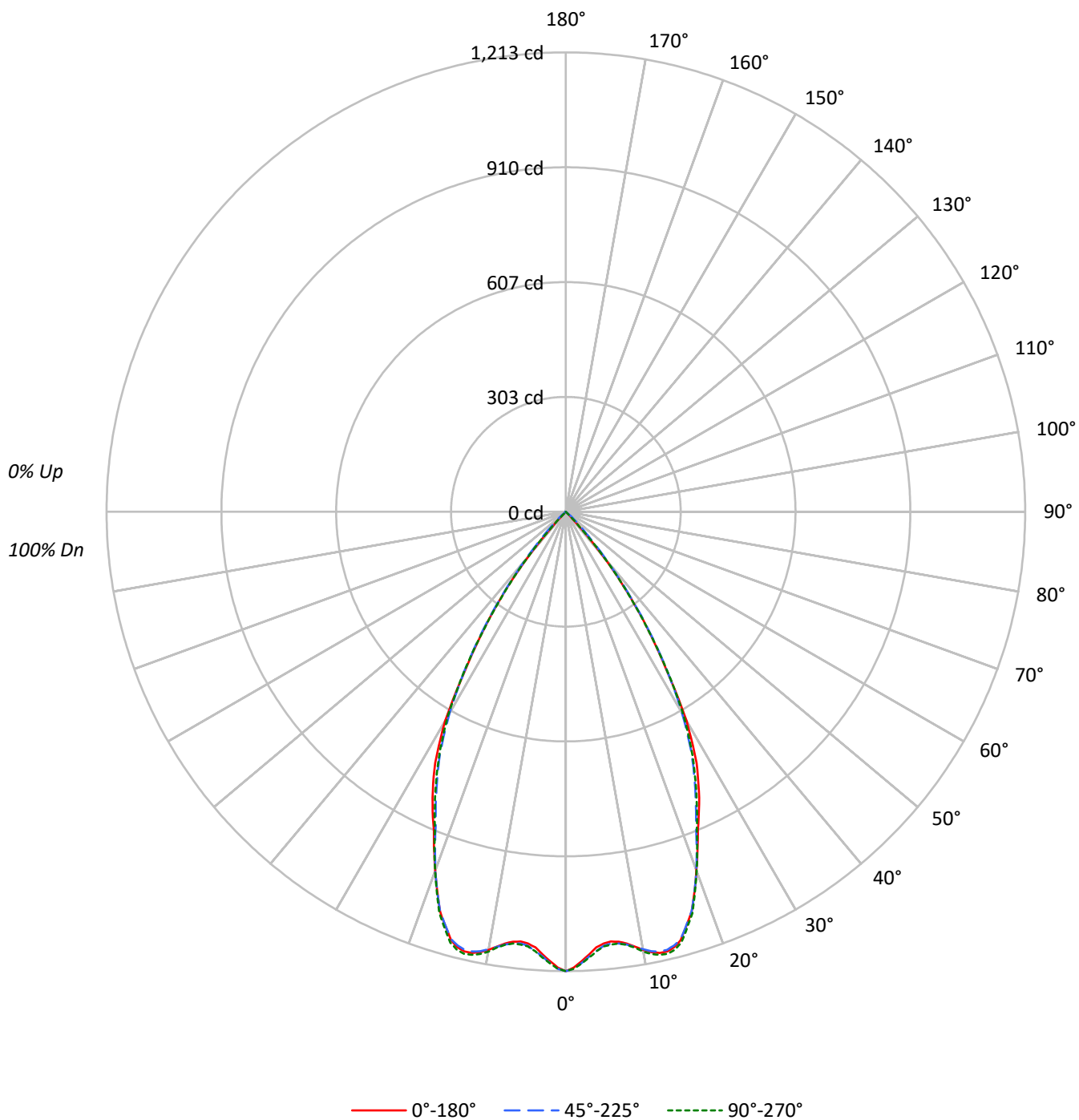
Lumens per Lamp: N/A
Luminaire Lumens: 1075.0 lumens
Efficiency: N/A
Efficacy: 73.6 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98	97	96	94
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	208923	208923	208923
5°	197862	198899	199193
10°	205396	205099	206288
15°	208805	208484	210017
20°	184778	184778	185090
25°	158349	153618	154929
30°	126677	122064	123933
35°	78590	80208	78400
40°	34510	37972	35454
45°	414	12324	1047
50°	0	1366	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: 12324 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.8	10.3
10°-20°	321.2	29.9
20°-30°	372.8	34.7
30°-40°	234.8	21.8
40°-50°	35.3	3.3
50°-60°	0.2	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°	804.8	74.9
0°-40°	1039.6	96.7
0°-60°	1075.0	100.0
0°-90°	1075.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1075.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1213	1213	1213	1213	1213	
5°	1144	1149	1150	1153	1152	110
15°	1171	1167	1169	1177	1178	321
25°	833	824	808	812	815	379
35°	374	375	382	374	373	233
45°	2	16	51	21	4	23
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1213.1	1213.1	1213.1	1213.1	1213.1
1°	1203.6	1207.1	1207.1	1207.9	1207.1
2°	1187.3	1192.5	1192.5	1195.1	1193.3
3°	1171.1	1175.3	1176.2	1179.6	1178.8
4°	1153.0	1159.9	1162.5	1164.2	1163.3
5°	1144.5	1148.8	1150.5	1153.0	1152.2
6°	1141.0	1144.5	1146.2	1148.8	1148.8
7°	1143.6	1146.2	1148.8	1150.5	1148.8
8°	1151.3	1153.9	1153.9	1157.3	1154.8
9°	1162.5	1163.3	1163.3	1167.6	1165.0
10°	1174.5	1172.8	1172.8	1178.8	1179.6
11°	1184.8	1183.1	1182.2	1188.2	1189.9
12°	1190.8	1187.3	1187.3	1195.1	1195.9
13°	1191.6	1187.3	1187.3	1195.1	1197.6
14°	1184.8	1179.6	1180.5	1189.1	1191.6
15°	1171.1	1166.8	1169.3	1177.1	1177.9
17.5°	1105.9	1103.3	1105.0	1110.2	1111.0
20°	1008.2	1006.5	1008.2	1008.2	1009.9
22.5°	911.3	907.0	898.4	903.6	904.4
25°	833.3	823.9	808.4	811.8	815.3
27.5°	747.6	735.5	719.3	723.5	724.4
30°	637.0	631.0	613.8	618.1	623.2
32.5°	492.1	508.4	498.1	497.2	498.1
35°	373.8	374.6	381.5	373.8	372.9
37.5°	261.5	262.3	267.5	258.9	259.8
40°	153.5	164.6	168.9	165.5	157.7
42.5°	48.0	84.9	96.0	83.2	53.2
45°	1.7	16.3	50.6	21.4	4.3
47.5°	0.0	0.9	24.0	1.7	0.0
50°	0.0	0.0	5.1	0.0	0.0
52.5°	0.0	0.0	0.9	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



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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)