

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: P1305990

Luminaire Tested: P3SQASS13R609024DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305990
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: P3SQASS13R609024DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

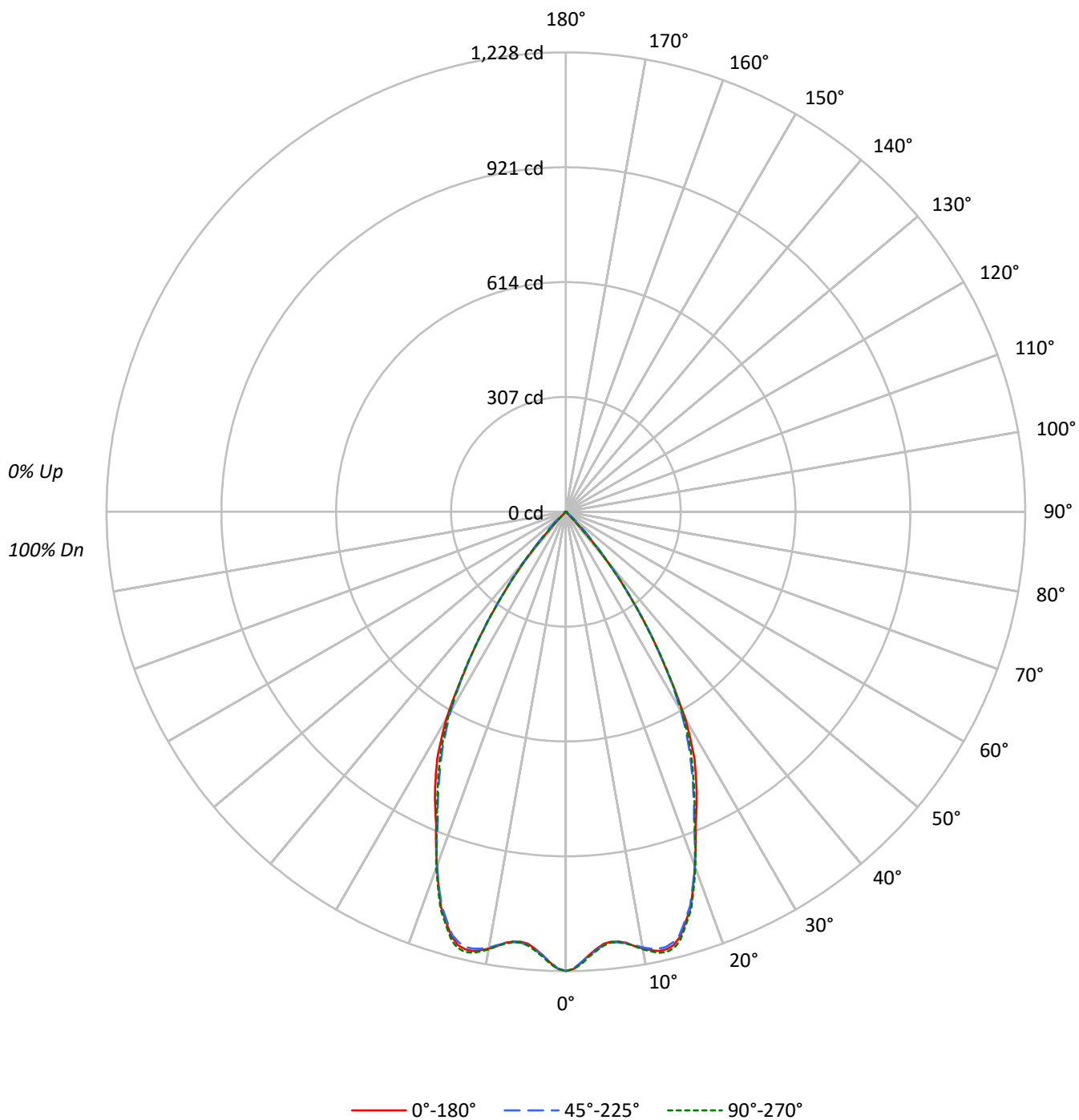
Lumens per Lamp: N/A
Luminaire Lumens: 1095.0 lumens
Efficiency: N/A
Efficacy: 75.0 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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
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	79		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°	211438	211438	211438
5°	200386	200974	201285
10°	207355	206742	207792
15°	209875	208965	211105
20°	184797	184650	185585
25°	157266	152705	153998
30°	126916	122501	124530
35°	80335	81049	80145
40°	37568	39096	38130
45°	2289	13761	2704
50°	1152	3215	1152
55°	1291	1291	1291
60°	1171	1171	1171
65°	1060	1386	1060
70°	1309	1309	1309
75°	1131	1131	1131
80°	893	893	893
85°	1778	1778	1778

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 13761 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.9	10.2
10°-20°	322.3	29.4
20°-30°	371.5	33.9
30°-40°	238.5	21.8
40°-50°	41.5	3.8
50°-60°	4.0	0.4
60°-70°	3.0	0.3
70°-80°	1.8	0.2
80°-90°	0.6	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°	805.6	73.6
0°-40°	1044.1	95.4
0°-60°	1089.6	99.5
0°-90°	1095.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1095.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1228	1228	1228	1228	1228	
5°	1159	1162	1162	1165	1164	112
15°	1177	1173	1172	1180	1184	323
25°	828	818	804	804	810	377
35°	382	380	386	378	381	238
45°	9	28	56	33	11	31
55°	4	4	4	4	4	4
65°	3	3	3	3	3	3
75°	2	2	2	2	2	2
85°	1	1	1	1	1	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1227.7	1227.7	1227.7	1227.7	1227.7
1°	1222.5	1221.7	1220.8	1221.7	1222.5
2°	1205.4	1204.5	1203.7	1207.1	1208.8
3°	1186.5	1187.4	1188.2	1190.0	1190.8
4°	1171.1	1172.8	1173.7	1175.4	1176.2
5°	1159.1	1161.7	1162.5	1165.1	1164.3
6°	1155.7	1157.4	1158.3	1159.1	1157.4
7°	1157.4	1158.3	1159.1	1160.8	1159.1
8°	1163.4	1164.3	1165.1	1166.0	1166.0
9°	1175.4	1173.7	1172.8	1176.2	1175.4
10°	1185.7	1183.1	1182.2	1187.4	1188.2
11°	1194.2	1190.8	1190.0	1196.0	1197.7
12°	1200.2	1195.1	1194.2	1202.0	1205.4
13°	1200.2	1193.4	1193.4	1202.0	1207.1
14°	1193.4	1185.7	1185.7	1195.1	1201.1
15°	1177.1	1172.8	1172.0	1179.7	1184.0
17.5°	1108.6	1103.4	1104.3	1112.9	1113.7
20°	1008.3	1005.8	1007.5	1009.2	1012.6
22.5°	906.4	904.7	895.3	897.8	899.5
25°	827.6	818.1	803.6	804.4	810.4
27.5°	744.5	735.0	714.5	718.8	724.8
30°	638.2	630.5	616.0	618.5	626.2
32.5°	501.2	516.6	502.9	507.2	504.6
35°	382.1	379.5	385.5	377.8	381.2
37.5°	269.0	269.9	272.4	265.6	265.6
40°	167.1	171.3	173.9	170.5	169.6
42.5°	70.2	96.0	101.1	96.0	71.1
45°	9.4	28.3	56.5	33.4	11.1
47.5°	4.3	6.0	30.0	6.0	4.3
50°	4.3	4.3	12.0	4.3	4.3
52.5°	4.3	4.3	4.3	4.3	4.3
55°	4.3	4.3	4.3	4.3	4.3
57.5°	4.3	4.3	4.3	4.3	4.3
60°	3.4	3.4	3.4	3.4	3.4
62.5°	3.4	3.4	3.4	3.4	3.4
65°	2.6	3.4	3.4	3.4	2.6
67.5°	2.6	2.6	2.6	2.6	2.6
70°	2.6	2.6	2.6	2.6	2.6
72.5°	1.7	1.7	1.7	1.7	1.7
75°	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7
80°	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9
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)