

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: P1317190

Luminaire Tested: P3SQAS13R609830DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317190
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: P3SQAS13R609830DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

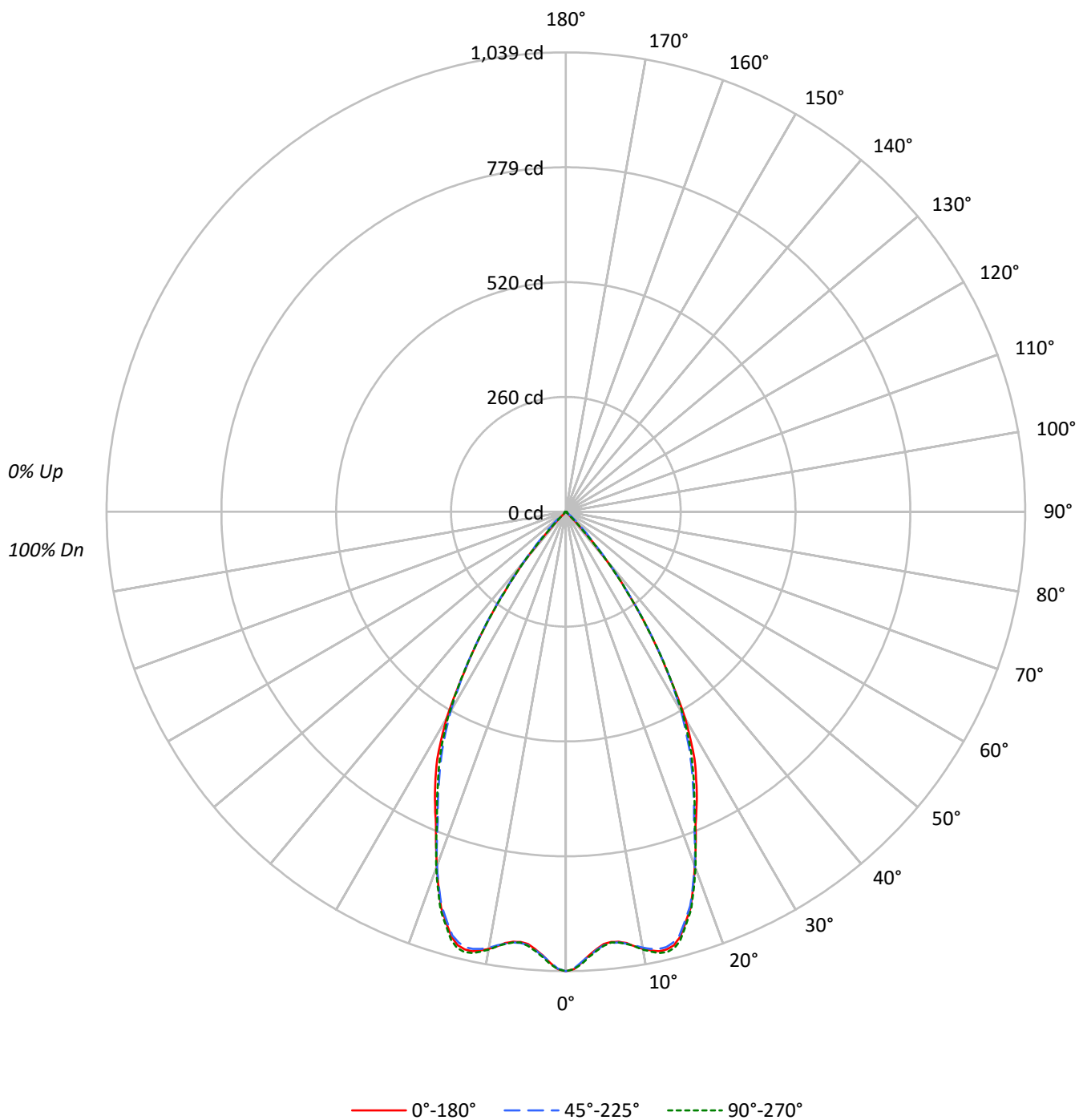
Lumens per Lamp: N/A
Luminaire Lumens: 927.0 lumens
Efficiency: N/A
Efficacy: 63.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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°	178991	178991	178991
5°	169648	170149	170391
10°	175544	175037	175911
15°	177674	176907	178708
20°	156444	156316	157122
25°	133133	129275	130377
30°	107447	103708	105439
35°	68014	68624	67846
40°	31790	33094	32284
45°	1948	11667	2289
50°	965	2733	965
55°	1081	1081	1081
60°	999	999	999
65°	897	1182	897
70°	1108	1108	1108
75°	998	998	998
80°	694	694	694
85°	1383	1383	1383

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 11667 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.7	10.2
10°-20°	272.8	29.4
20°-30°	314.5	33.9
30°-40°	201.9	21.8
40°-50°	35.1	3.8
50°-60°	3.3	0.4
60°-70°	2.6	0.3
70°-80°	1.6	0.2
80°-90°	0.5	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°	682.0	73.6
0°-40°	884.0	95.4
0°-60°	922.4	99.5
0°-90°	927.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	927.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1039	1039	1039	1039	1039	
5°	981	984	984	986	986	95
15°	996	993	992	999	1002	273
25°	701	693	680	681	686	319
35°	324	321	326	320	323	202
45°	8	24	48	28	9	26
55°	4	4	4	4	4	3
65°	2	3	3	3	2	2
75°	2	2	2	2	2	2
85°	1	1	1	1	1	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1039.3	1039.3	1039.3	1039.3	1039.3
1°	1034.9	1034.2	1033.5	1034.2	1034.9
2°	1020.4	1019.7	1019.0	1021.9	1023.3
3°	1004.5	1005.2	1005.9	1007.4	1008.1
4°	991.4	992.9	993.6	995.1	995.8
5°	981.3	983.5	984.2	986.4	985.6
6°	978.4	979.8	980.6	981.3	979.8
7°	979.8	980.6	981.3	982.7	981.3
8°	984.9	985.6	986.4	987.1	987.1
9°	995.1	993.6	992.9	995.8	995.1
10°	1003.8	1001.6	1000.9	1005.2	1005.9
11°	1011.0	1008.1	1007.4	1012.5	1013.9
12°	1016.1	1011.7	1011.0	1017.5	1020.4
13°	1016.1	1010.3	1010.3	1017.5	1021.9
14°	1010.3	1003.8	1003.8	1011.7	1016.8
15°	996.5	992.9	992.2	998.7	1002.3
17.5°	938.5	934.1	934.9	942.1	942.8
20°	853.6	851.5	852.9	854.4	857.3
22.5°	767.3	765.9	757.9	760.1	761.5
25°	700.6	692.6	680.3	681.0	686.1
27.5°	630.3	622.3	604.9	608.5	613.6
30°	540.3	533.8	521.5	523.6	530.2
32.5°	424.3	437.3	425.7	429.4	427.2
35°	323.5	321.3	326.4	319.8	322.7
37.5°	227.7	228.5	230.6	224.8	224.8
40°	141.4	145.1	147.2	144.3	143.6
42.5°	59.5	81.2	85.6	81.2	60.2
45°	8.0	23.9	47.9	28.3	9.4
47.5°	3.6	5.1	25.4	5.1	3.6
50°	3.6	3.6	10.2	3.6	3.6
52.5°	3.6	3.6	3.6	3.6	3.6
55°	3.6	3.6	3.6	3.6	3.6
57.5°	3.6	3.6	3.6	3.6	3.6
60°	2.9	2.9	2.9	2.9	2.9
62.5°	2.9	2.9	2.9	2.9	2.9
65°	2.2	2.9	2.9	2.9	2.2
67.5°	2.2	2.2	2.2	2.2	2.2
70°	2.2	2.2	2.2	2.2	2.2
72.5°	1.5	1.5	1.5	1.5	1.5
75°	1.5	1.5	1.5	1.5	1.5
77.5°	1.5	1.5	1.5	1.5	1.5
80°	0.7	0.7	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7
85°	0.7	0.7	0.7	0.7	0.7
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)