

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: P1318159

Luminaire Tested: P3SQAS17R359835DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318159
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R359835DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

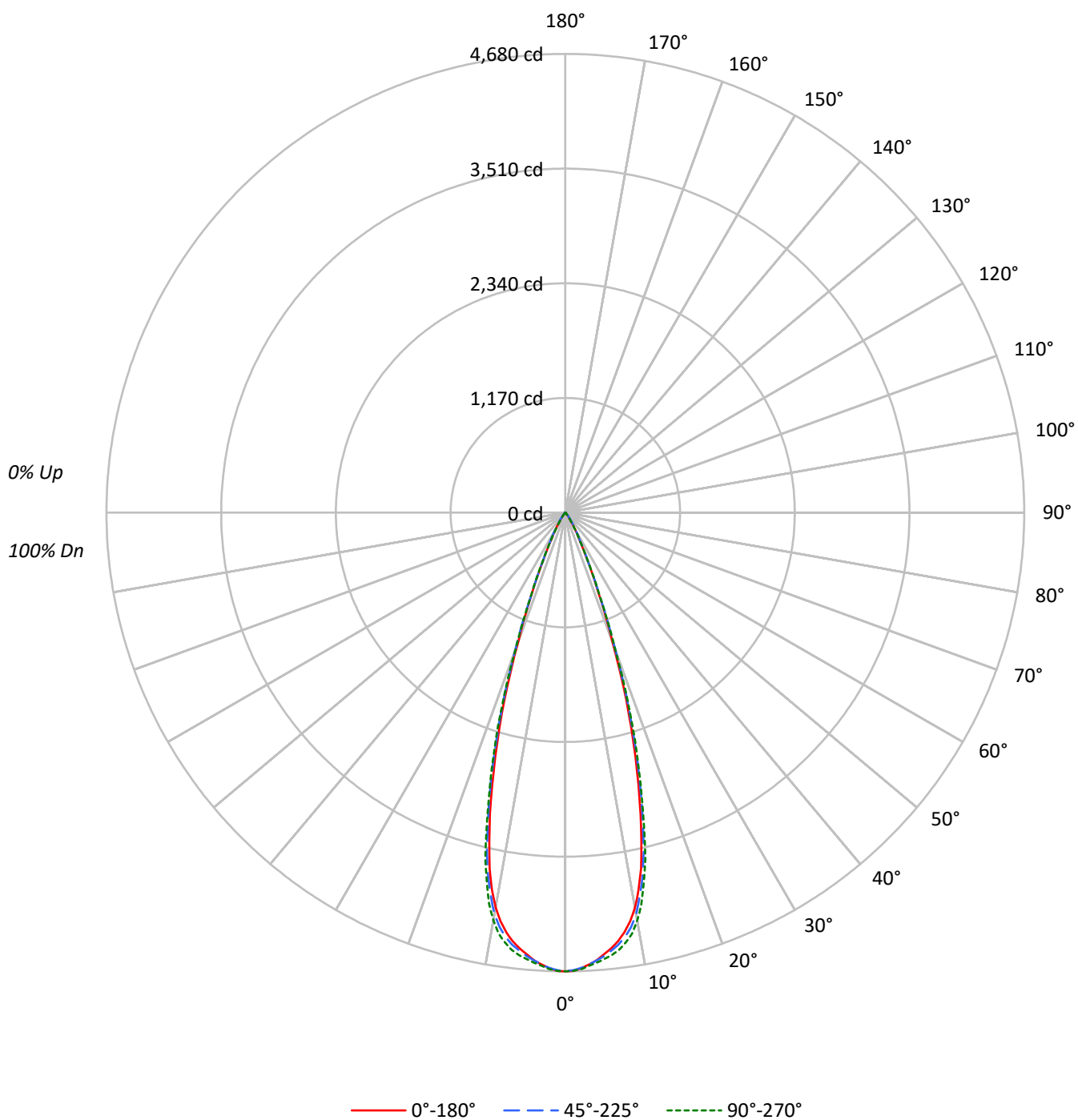
Lumens per Lamp: N/A
Luminaire Lumens: 1572.0 lumens
Efficiency: N/A
Efficacy: 77.1 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94
4	103	98	94	91	102	97	93	90	95	92	89		93	90	88		91
5	100	94	90	86	99	93	89	86	91	88	85		90	87	85		89
6	97	90	86	83	96	90	86	83	88	85	82		87	84	82		86
7	94	87	83	80	93	87	82	79	85	82	79		84	81	79		83
8	91	84	80	77	90	84	79	77	83	79	76		82	78	76		81
9	88	81	77	74	88	81	77	74	80	76	74		79	76	74		79
10	86	79	75	72	85	78	74	72	78	74	71		77	74	71		76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	805985	805985	805985
5°	782129	784877	790185
10°	715432	727883	739041
15°	513552	532362	537836
20°	258327	273392	274052
25°	97902	100942	101398
30°	39773	45620	39037
35°	14444	21929	13918
40°	6070	9375	5800
45°	1486	3873	1486
50°	991	1634	991
55°	1111	1111	1111
60°	1274	1274	1274
65°	1019	1019	1019
70°	604	604	604
75°	799	799	799
80°	1190	1190	1190
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 3873 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	423.1	26.9
10°-20°	788.3	50.1
20°-30°	283.5	18.0
30°-40°	59.6	3.8
40°-50°	10.2	0.7
50°-60°	3.4	0.2
60°-70°	2.5	0.2
70°-80°	1.3	0.1
80°-90°	0.2	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°	1494.9	95.1
0°-40°	1554.5	98.9
0°-60°	1568.1	99.7
0°-90°	1572.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1572.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4680	4680	4680	4680	4680	
5°	4524	4533	4540	4571	4571	419
15°	2880	2931	2986	3018	3016	767
25°	515	523	531	536	534	274
35°	69	81	104	80	66	52
45°	6	10	16	10	6	7
55°	4	4	4	4	4	3
65°	2	2	2	2	2	2
75°	1	1	1	1	1	1
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°	4679.9	4679.9	4679.9	4679.9	4679.9
1°	4677.4	4677.4	4667.6	4678.6	4675.0
2°	4651.7	4654.1	4648.0	4661.5	4660.2
3°	4616.1	4622.2	4617.3	4636.9	4630.8
4°	4578.0	4583.0	4580.5	4605.0	4602.6
5°	4524.1	4532.7	4540.0	4570.7	4570.7
6°	4468.9	4477.5	4493.4	4526.5	4537.6
7°	4405.1	4416.1	4441.9	4486.0	4493.4
8°	4324.1	4336.4	4372.0	4419.8	4429.6
9°	4223.5	4241.9	4282.4	4340.1	4346.2
10°	4091.0	4105.8	4162.2	4210.0	4226.0
11°	3919.3	3931.6	3981.9	4059.2	4069.0
12°	3710.8	3725.5	3790.5	3840.8	3850.6
13°	3447.0	3475.2	3553.8	3602.8	3629.8
14°	3175.9	3214.0	3270.4	3340.3	3323.1
15°	2880.3	2930.6	2985.8	3017.7	3016.5
17.5°	2155.3	2184.8	2233.8	2252.2	2276.8
20°	1409.5	1447.5	1491.7	1508.8	1495.3
22.5°	874.6	884.5	897.9	905.3	902.9
25°	515.2	522.6	531.2	536.1	533.6
27.5°	310.4	327.5	339.8	325.1	316.5
30°	200.0	207.3	229.4	209.8	196.3
32.5°	119.0	136.2	154.6	131.3	114.1
35°	68.7	81.0	104.3	79.7	66.2
37.5°	44.2	50.3	67.5	49.1	42.9
40°	27.0	34.3	41.7	31.9	25.8
42.5°	13.5	20.9	24.5	18.4	13.5
45°	6.1	9.8	15.9	9.8	6.1
47.5°	3.7	4.9	9.8	4.9	3.7
50°	3.7	3.7	6.1	3.7	3.7
52.5°	3.7	3.7	3.7	3.7	3.7
55°	3.7	3.7	3.7	3.7	3.7
57.5°	3.7	3.7	3.7	3.7	3.7
60°	3.7	3.7	3.7	3.7	3.7
62.5°	2.5	2.5	2.5	2.5	2.5
65°	2.5	2.5	2.5	2.5	2.5
67.5°	2.5	2.5	2.5	2.5	2.5
70°	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	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)