

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: P1312607

Luminaire Tested: P3SQAS17R359727DE010 E3SQPH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312607
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R359727DE010 E3SQPH1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3SQPH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

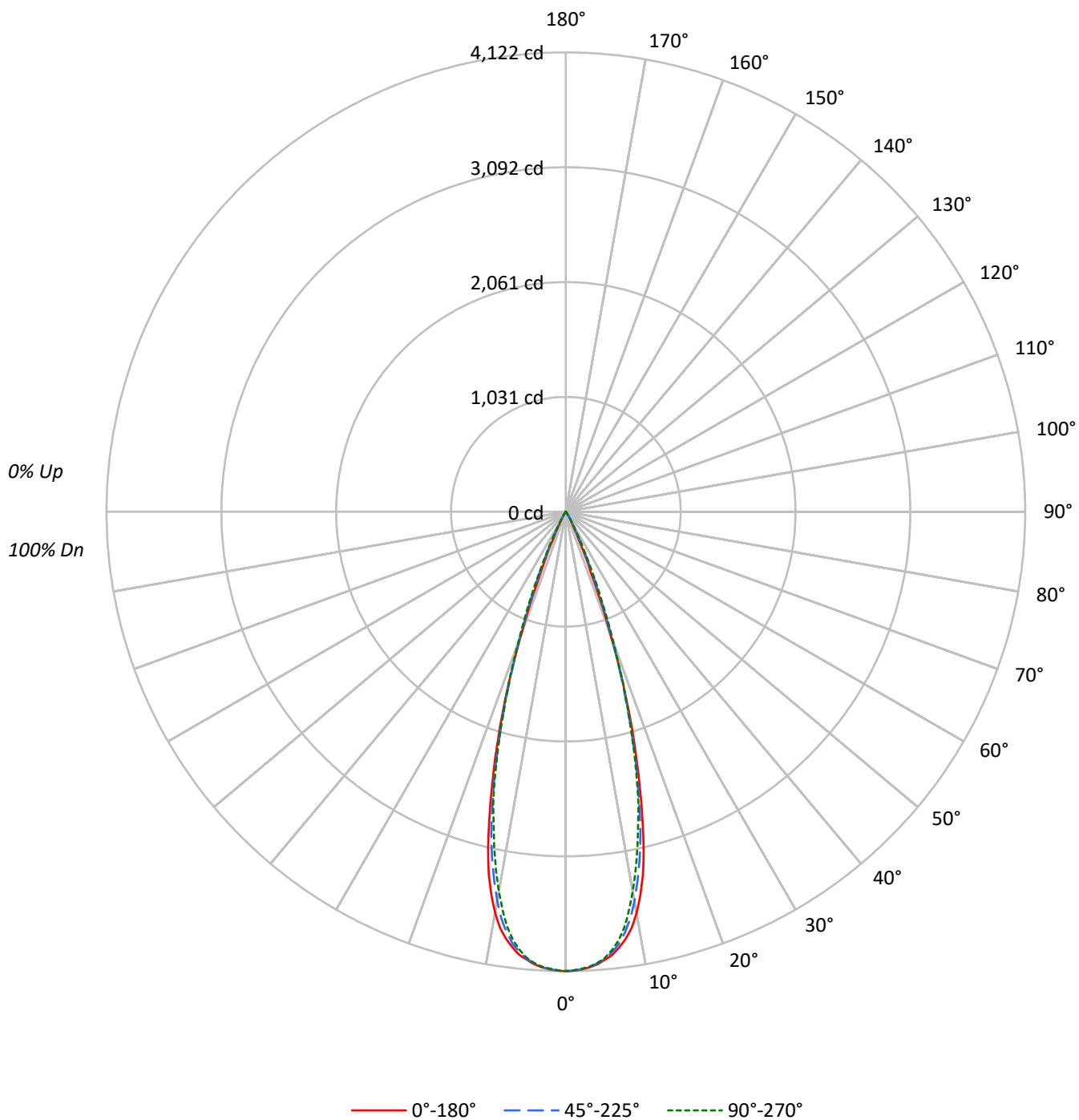
Lumens per Lamp: N/A
Luminaire Lumens: 1251.0 lumens
Efficiency: N/A
Efficacy: 59.0 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	113	111	109	108	107	106	104		103	102	101		100
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97
3	108	103	100	97	106	102	99	96	99	97	94		97	95	93		95
4	104	99	95	92	103	98	94	92	96	93	91		94	92	90		93
5	101	95	91	88	100	95	91	88	93	90	87		92	89	87		90
6	98	92	88	85	97	91	88	85	90	87	84		89	86	84		88
7	96	89	85	82	94	89	85	82	87	84	81		86	83	81		85
8	93	86	82	79	92	86	82	79	85	81	79		84	81	79		83
9	90	84	80	77	89	83	79	77	82	79	76		82	79	76		81
10	88	81	77	75	87	81	77	74	80	77	74		80	76	74		79

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	709833	709833	709833
5°	697642	696155	694668
10°	639377	620158	605083
15°	457834	443231	437846
20°	212306	219601	227317
25°	50376	71659	74737
30°	14796	16923	19071
35°	3406	5445	4983
40°	719	1461	967
45°	268	268	268
50°	295	0	295
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: 0°

Vertical Angle: 52.5°

Luminance: 311 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	370.0	29.6
10°-20°	661.5	52.9
20°-30°	199.0	15.9
30°-40°	19.0	1.5
40°-50°	1.3	0.1
50°-60°	0.1	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°	1230.6	98.4
0°-40°	1249.6	99.9
0°-60°	1251.0	100.0
0°-90°	1251.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1251.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4122	4122	4122	4122	4122	
5°	4035	4034	4027	4021	4018	374
15°	2568	2548	2486	2475	2456	678
25°	265	292	377	393	393	171
35°	16	22	26	28	24	15
45°	1	1	1	1	1	1
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	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4121.6	4121.6	4121.6	4121.6	4121.6
1°	4119.5	4119.5	4117.3	4117.3	4113.0
2°	4109.8	4110.8	4106.5	4105.4	4102.2
3°	4094.7	4091.4	4091.4	4089.3	4087.1
4°	4071.0	4064.5	4062.3	4063.4	4059.1
5°	4035.4	4034.3	4026.8	4021.4	4018.2
6°	3996.6	3989.1	3972.9	3958.9	3955.7
7°	3938.4	3922.3	3908.3	3879.2	3874.9
8°	3867.3	3841.5	3811.3	3770.3	3768.2
9°	3780.0	3738.0	3696.0	3641.0	3621.6
10°	3656.1	3617.3	3546.2	3497.7	3460.0
11°	3502.0	3453.5	3370.6	3312.4	3281.1
12°	3327.5	3282.2	3185.2	3132.4	3088.2
13°	3103.3	3065.6	2975.1	2916.9	2882.4
14°	2843.6	2815.6	2729.4	2703.6	2691.7
15°	2567.8	2548.4	2485.9	2475.1	2455.7
17.5°	1890.0	1857.7	1822.1	1828.6	1835.1
20°	1158.4	1203.6	1198.2	1221.9	1240.3
22.5°	577.6	635.8	703.6	744.6	765.1
25°	265.1	292.0	377.1	393.3	393.3
27.5°	133.6	140.1	177.8	181.0	189.6
30°	74.4	79.7	85.1	94.8	95.9
32.5°	37.7	44.2	46.3	51.7	49.6
35°	16.2	21.6	25.9	28.0	23.7
37.5°	7.5	9.7	14.0	12.9	9.7
40°	3.2	4.3	6.5	5.4	4.3
42.5°	2.2	2.2	3.2	2.2	2.2
45°	1.1	1.1	1.1	1.1	1.1
47.5°	1.1	1.1	0.0	1.1	1.1
50°	1.1	0.0	0.0	0.0	1.1
52.5°	1.1	0.0	0.0	0.0	1.1
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)