

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: P1308028

Luminaire Tested: P3SQAS13R359030DE010 E3SQPH1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308028
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: P3SQAS13R359030DE010 E3SQPH1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3SQPH1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

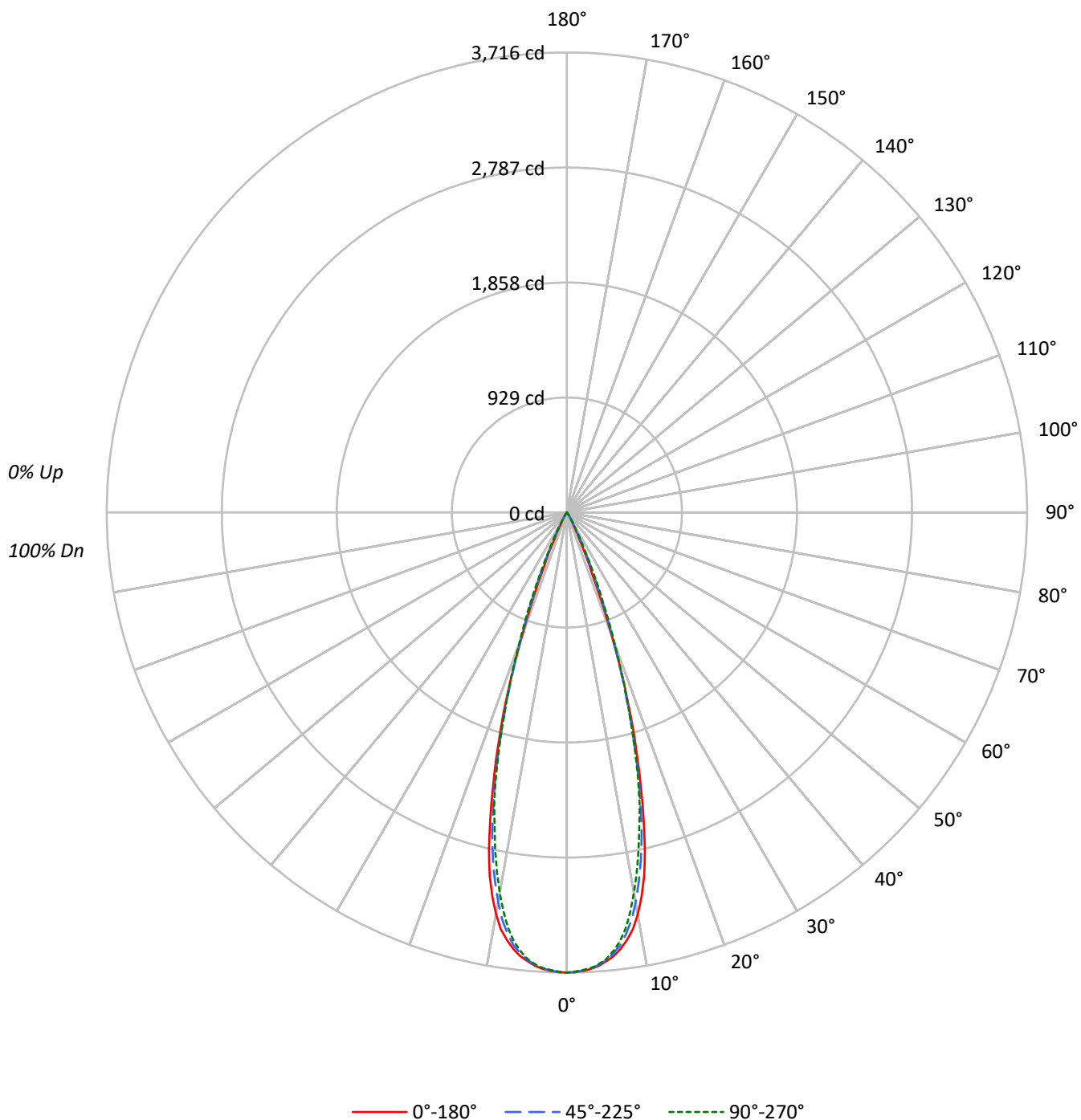
Lumens per Lamp: N/A
Luminaire Lumens: 1128.0 lumens
Efficiency: N/A
Efficacy: 77.3 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93	92	91
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90	89	87
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87	86	85
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	82
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	81	80
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	79	78	77
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	76	75	74
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	74	73	72
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	72	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	640048	640048	640048
5°	629043	627712	626363
10°	576508	559177	545589
15°	412813	399655	394805
20°	191431	198011	204957
25°	45416	64628	67383
30°	13324	15273	17202
35°	3070	4899	4499
40°	652	1304	877
45°	244	244	244
50°	268	0	268
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: 283 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	333.7	29.6
10°-20°	596.5	52.9
20°-30°	179.5	15.9
30°-40°	17.2	1.5
40°-50°	1.2	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°	1109.6	98.4
0°-40°	1126.7	99.9
0°-60°	1128.0	100.0
0°-90°	1128.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1128.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3716	3716	3716	3716	3716	
5°	3639	3638	3631	3626	3623	337
15°	2315	2298	2242	2232	2214	612
25°	239	263	340	355	355	154
35°	15	19	23	25	21	13
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°	3716.4	3716.4	3716.4	3716.4	3716.4
1°	3714.4	3714.4	3712.5	3712.5	3708.6
2°	3705.7	3706.7	3702.8	3701.8	3698.9
3°	3692.1	3689.2	3689.2	3687.2	3685.3
4°	3670.7	3664.9	3662.9	3663.9	3660.0
5°	3638.6	3637.7	3630.9	3626.0	3623.1
6°	3603.7	3596.9	3582.3	3569.7	3566.7
7°	3551.2	3536.6	3524.0	3497.8	3493.9
8°	3487.1	3463.8	3436.5	3399.6	3397.7
9°	3408.4	3370.5	3332.6	3283.0	3265.5
10°	3296.6	3261.7	3197.5	3153.8	3119.8
11°	3157.7	3114.0	3039.2	2986.7	2958.5
12°	3000.3	2959.5	2872.0	2824.4	2784.6
13°	2798.2	2764.2	2682.6	2630.1	2599.0
14°	2564.1	2538.8	2461.1	2437.7	2427.1
15°	2315.3	2297.8	2241.5	2231.8	2214.3
17.5°	1704.2	1675.0	1643.0	1648.8	1654.6
20°	1044.5	1085.3	1080.4	1101.8	1118.3
22.5°	520.8	573.2	634.5	671.4	689.8
25°	239.0	263.3	340.1	354.6	354.6
27.5°	120.5	126.3	160.3	163.2	171.0
30°	67.0	71.9	76.8	85.5	86.5
32.5°	34.0	39.8	41.8	46.6	44.7
35°	14.6	19.4	23.3	25.3	21.4
37.5°	6.8	8.7	12.6	11.7	8.7
40°	2.9	3.9	5.8	4.9	3.9
42.5°	1.9	1.9	2.9	1.9	1.9
45°	1.0	1.0	1.0	1.0	1.0
47.5°	1.0	1.0	0.0	1.0	1.0
50°	1.0	0.0	0.0	0.0	1.0
52.5°	1.0	0.0	0.0	0.0	1.0
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)