

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: P1309585

Luminaire Tested: P3SQAS24R309035D010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309585
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R309035D010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

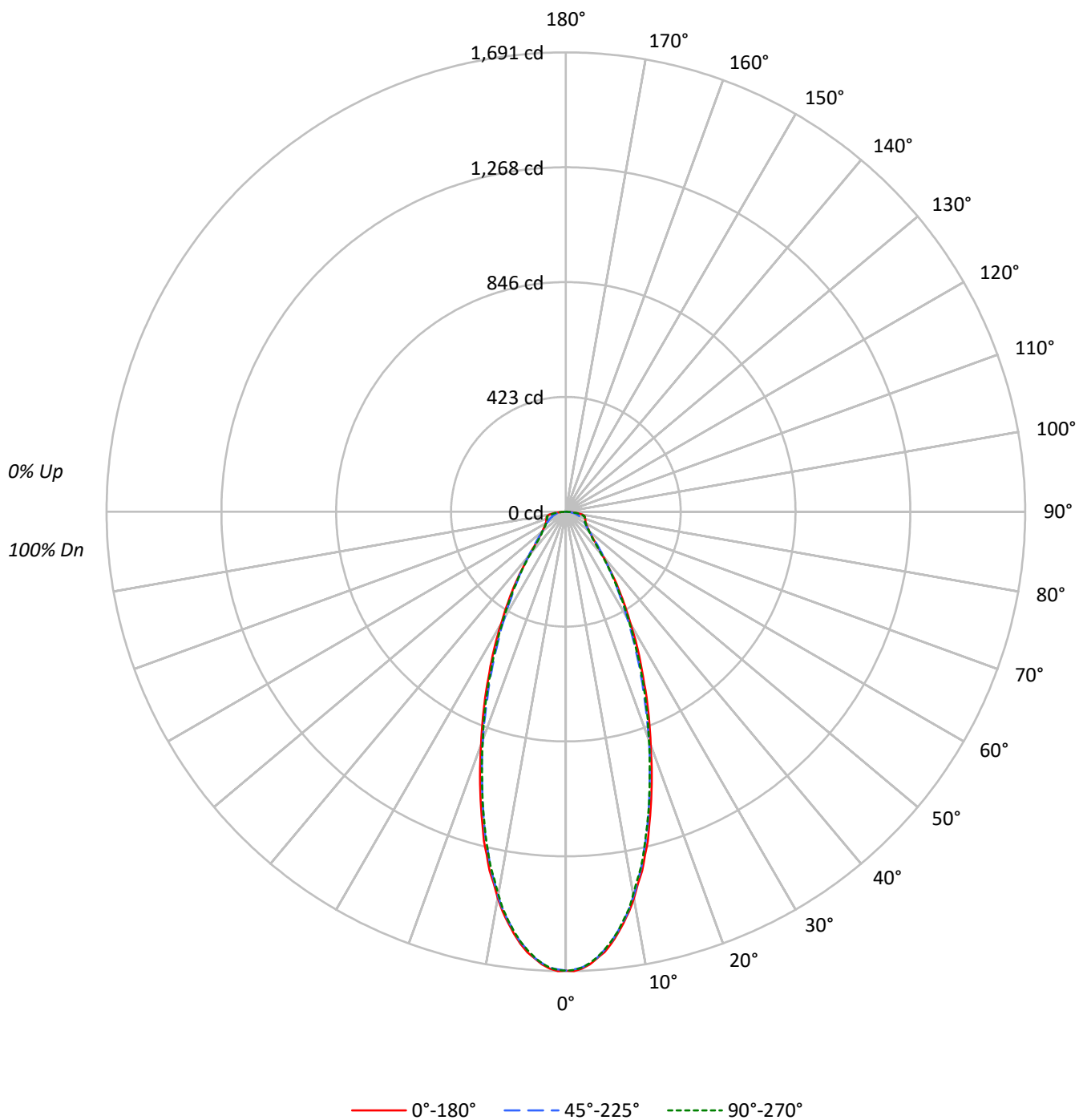
Lumens per Lamp: N/A
Luminaire Lumens: 1332.0 lumens
Efficiency: N/A
Efficacy: 46.3 lumens/watt
Spacing Criteria (0/90/45): 0.67 / 0.66 / 0.7
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	111	107	104	101	109	105	102	99	101	99	96		97	95	93		94
2	104	98	92	88	102	96	91	87	92	88	85		89	86	83		86
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	85	75	69	64	74	68	63		72	67	63		70
6	82	71	64	59	80	70	64	59	69	63	59		67	62	58		66
7	77	67	60	55	76	66	60	55	65	59	55		63	58	54		62
8	74	63	56	51	72	62	56	51	61	55	51		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	51	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	290901	290901	290901
5°	281432	280032	280032
10°	252578	251162	250078
15°	211693	208413	208056
20°	167129	163757	163757
25°	127926	122890	125209
30°	94938	90066	92095
35°	68624	65617	66059
40°	47235	48157	45863
45°	35267	36777	33782
50°	30598	30062	30062
55°	28795	27564	28164
60°	29519	27418	28796
65°	32438	27426	31582
70°	38018	27745	36960
75°	48842	29877	47511
80°	60698	32332	56631
85°	48413	32209	44263

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 60698 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.9	11.2
10°-20°	323.9	24.3
20°-30°	301.8	22.7
30°-40°	200.2	15.0
40°-50°	116.6	8.8
50°-60°	84.8	6.4
60°-70°	71.7	5.4
70°-80°	59.4	4.5
80°-90°	24.7	1.9
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°	774.6	58.2
0°-40°	974.8	73.2
0°-60°	1176.2	88.3
0°-90°	1332.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1332.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1689	1689	1689	1689	1689	
5°	1628	1626	1620	1620	1620	149
15°	1187	1175	1169	1167	1167	328
25°	673	661	647	649	659	310
35°	326	320	312	314	314	205
45°	145	147	151	143	139	116
55°	96	94	92	94	94	87
65°	80	71	67	71	78	79
75°	73	55	45	55	71	75
85°	24	29	16	26	22	28
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1689.1	1689.1	1689.1	1689.1	1689.1
1°	1691.2	1689.1	1685.0	1687.1	1687.1
2°	1683.0	1681.0	1678.9	1678.9	1678.9
3°	1668.7	1666.7	1664.6	1664.6	1664.6
4°	1648.3	1646.3	1646.3	1644.2	1644.2
5°	1627.9	1625.9	1619.8	1619.8	1619.8
6°	1599.4	1597.3	1593.2	1591.2	1591.2
7°	1564.7	1564.7	1558.6	1556.5	1558.6
8°	1528.0	1525.9	1521.8	1519.8	1519.8
9°	1489.2	1483.1	1483.1	1477.0	1481.0
10°	1444.3	1440.2	1436.2	1432.1	1430.0
11°	1393.3	1391.3	1385.2	1381.1	1379.0
12°	1350.5	1340.3	1336.2	1330.1	1334.2
13°	1295.4	1289.3	1279.1	1277.0	1279.1
14°	1248.5	1236.2	1228.1	1224.0	1222.0
15°	1187.3	1175.0	1168.9	1166.9	1166.9
17.5°	1050.6	1042.4	1026.1	1026.1	1026.1
20°	911.9	903.7	893.5	891.5	893.5
22.5°	791.5	777.2	760.9	763.0	775.2
25°	673.2	661.0	646.7	648.7	658.9
27.5°	573.2	556.9	542.6	546.7	552.8
30°	477.4	467.2	452.9	457.0	463.1
32.5°	395.8	389.6	373.3	377.4	383.5
35°	326.4	320.3	312.1	314.2	314.2
37.5°	261.1	261.1	259.1	257.0	255.0
40°	210.1	214.2	214.2	208.1	204.0
42.5°	171.4	175.4	179.5	171.4	165.2
45°	144.8	146.9	151.0	142.8	138.7
47.5°	126.5	126.5	130.6	124.4	122.4
50°	114.2	114.2	112.2	110.2	112.2
52.5°	104.0	102.0	100.0	102.0	102.0
55°	95.9	93.8	91.8	93.8	93.8
57.5°	89.8	87.7	85.7	85.7	87.7
60°	85.7	81.6	79.6	81.6	83.6
62.5°	81.6	75.5	73.4	75.5	79.6
65°	79.6	71.4	67.3	71.4	77.5
67.5°	77.5	67.3	61.2	67.3	75.5
70°	75.5	63.2	55.1	63.2	73.4
72.5°	73.4	59.2	51.0	59.2	73.4
75°	73.4	55.1	44.9	55.1	71.4
77.5°	69.4	51.0	38.8	51.0	67.3
80°	61.2	46.9	32.6	44.9	57.1
82.5°	44.9	40.8	24.5	38.8	42.8
85°	24.5	28.6	16.3	26.5	22.4
87.5°	4.1	6.1	4.1	12.2	8.2



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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)