

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: P1270209

Luminaire Tested: P3AS17R359740DE010 E3PH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270209
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: P3AS17R359740DE010 E3PH1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

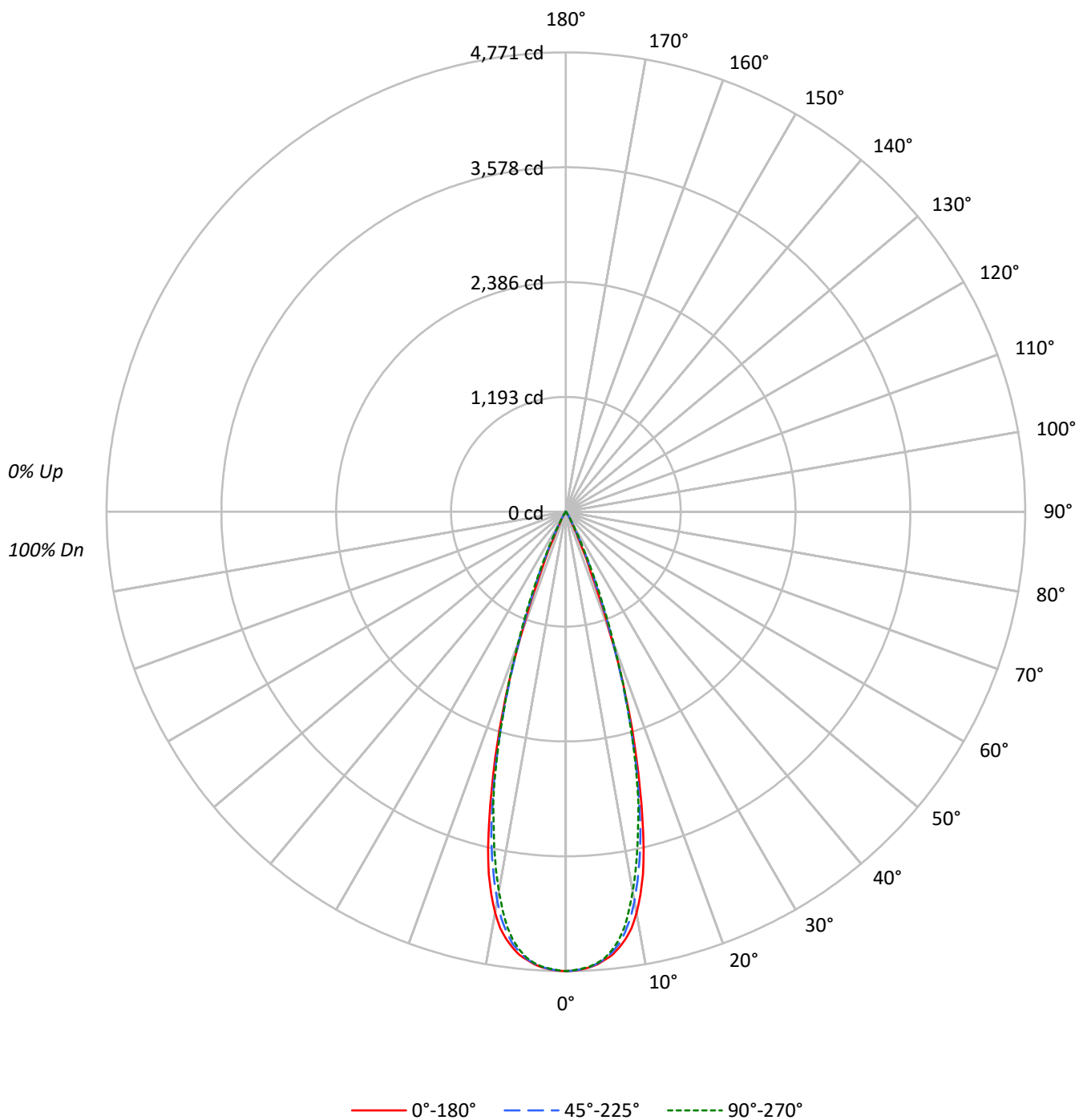
Lumens per Lamp: N/A
Luminaire Lumens: 1448.0 lumens
Efficiency: N/A
Efficacy: 68.3 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	1046122	1046122	1046122
5°	1028151	1025949	1023748
10°	942289	913944	891745
15°	674737	653216	645270
20°	312881	323638	335002
25°	74230	105611	110135
30°	21801	24941	28106
35°	5006	8004	7335
40°	1059	2147	1431
45°	372	372	372
50°	409	0	409
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: 432 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	428.3	29.6
10°-20°	765.7	52.9
20°-30°	230.4	15.9
30°-40°	22.0	1.5
40°-50°	1.5	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°	1424.4	98.4
0°-40°	1446.4	99.9
0°-60°	1448.0	100.0
0°-90°	1448.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1448.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4771	4771	4771	4771	4771	
5°	4671	4670	4661	4655	4651	433
15°	2972	2950	2877	2865	2842	785
25°	307	338	436	455	455	198
35°	19	25	30	32	27	17
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4770.7	4770.7	4770.7	4770.7	4770.7
1°	4768.2	4768.2	4765.7	4765.7	4760.7
2°	4756.9	4758.2	4753.2	4752.0	4748.2
3°	4739.5	4735.7	4735.7	4733.2	4730.7
4°	4712.0	4704.6	4702.1	4703.3	4698.3
5°	4670.9	4669.6	4660.9	4654.7	4650.9
6°	4626.0	4617.2	4598.5	4582.3	4578.6
7°	4558.6	4539.9	4523.7	4490.0	4485.0
8°	4476.3	4446.4	4411.5	4364.1	4361.6
9°	4375.3	4326.6	4278.0	4214.4	4191.9
10°	4231.9	4187.0	4104.6	4048.5	4004.9
11°	4053.5	3997.4	3901.3	3834.0	3797.8
12°	3851.4	3799.1	3686.8	3625.7	3574.6
13°	3592.0	3548.4	3443.6	3376.3	3336.3
14°	3291.4	3259.0	3159.2	3129.3	3115.6
15°	2972.2	2949.7	2877.4	2864.9	2842.4
17.5°	2187.6	2150.2	2109.1	2116.6	2124.0
20°	1340.8	1393.2	1386.9	1414.4	1435.6
22.5°	668.5	735.9	814.4	861.8	885.5
25°	306.8	338.0	436.5	455.2	455.2
27.5°	154.7	162.1	205.8	209.5	219.5
30°	86.1	92.3	98.5	109.8	111.0
32.5°	43.7	51.1	53.6	59.9	57.4
35°	18.7	24.9	29.9	32.4	27.4
37.5°	8.7	11.2	16.2	15.0	11.2
40°	3.7	5.0	7.5	6.2	5.0
42.5°	2.5	2.5	3.7	2.5	2.5
45°	1.2	1.2	1.2	1.2	1.2
47.5°	1.2	1.2	0.0	1.2	1.2
50°	1.2	0.0	0.0	0.0	1.2
52.5°	1.2	0.0	0.0	0.0	1.2
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)