

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: P1253814

Luminaire Tested: P3AS05R159035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253814
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R159035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

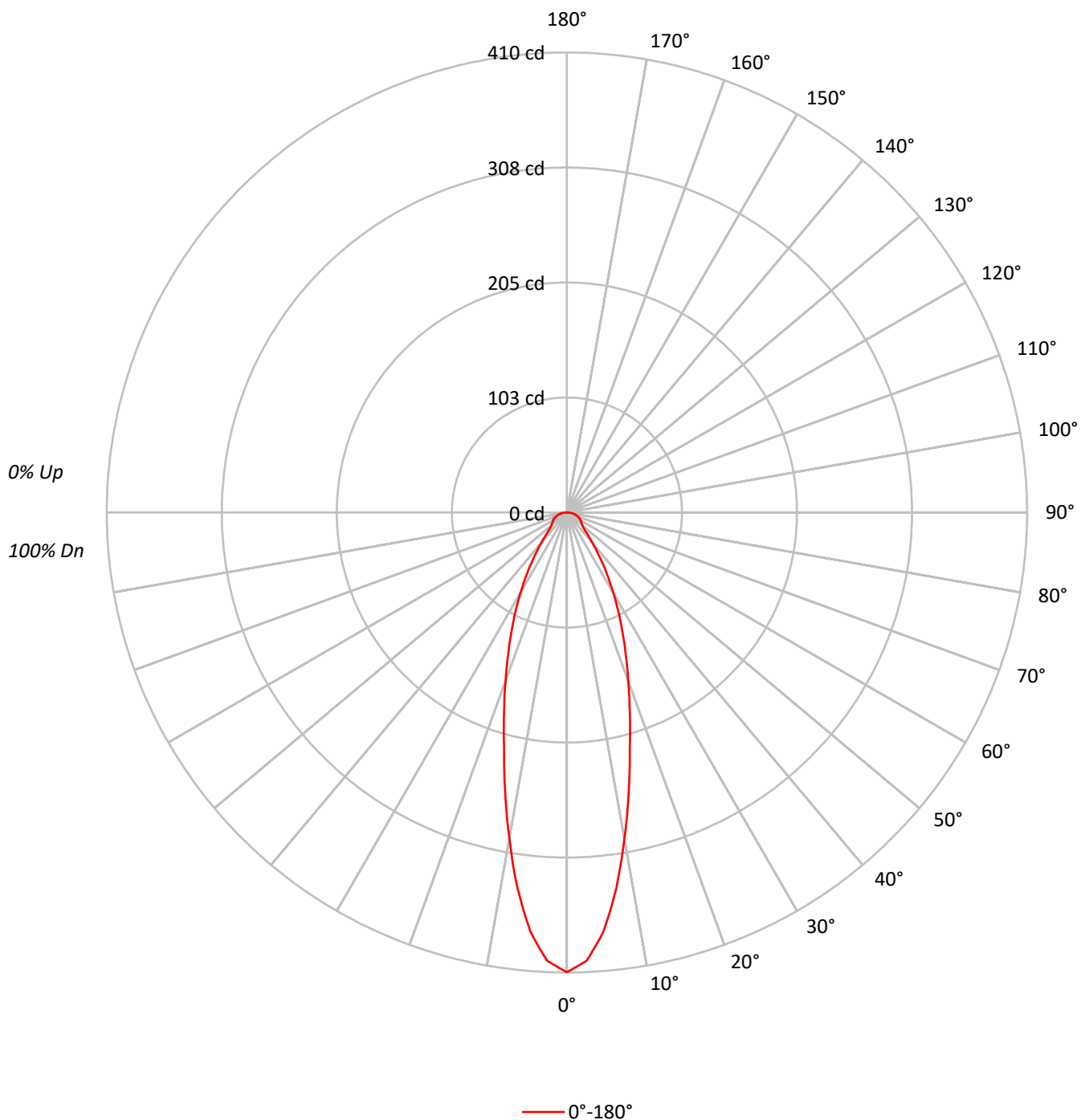
Lumens per Lamp: N/A
Luminaire Lumens: 240.0 lumens
Efficiency: N/A
Efficacy: 33.3 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	112	108	105	102	109	106	103	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	89817
5°	82478
10°	65730
15°	49104
20°	37290
25°	28236
30°	20889
35°	14937
40°	10219
45°	7133
50°	6072
55°	5964
60°	6184
65°	6538
70°	6668
75°	6947
80°	7450
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 8736 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.2	13.8
10°-20°	60.7	25.3
20°-30°	53.8	22.4
30°-40°	35.2	14.7
40°-50°	18.8	7.8
50°-60°	14.2	5.9
60°-70°	12.2	5.1
70°-80°	8.4	3.5
80°-90°	3.4	1.4
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°	147.6	61.5
0°-40°	182.8	76.2
0°-60°	215.9	89.9
0°-90°	240.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	240.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	410	
5°	375	33
15°	216	61
25°	117	54
35°	56	35
45°	23	19
55°	16	14
65°	13	12
75°	8	8
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	409.6
2.5°	400.0
5°	374.7
7.5°	337.5
10°	295.2
12.5°	254.3
15°	216.3
17.5°	185.9
20°	159.8
22.5°	136.8
25°	116.7
27.5°	98.9
30°	82.5
32.5°	68.4
35°	55.8
37.5°	44.6
40°	35.7
42.5°	28.3
45°	23.0
47.5°	20.1
50°	17.8
52.5°	17.1
55°	15.6
57.5°	14.9
60°	14.1
62.5°	13.4
65°	12.6
67.5°	11.2
70°	10.4
72.5°	8.9
75°	8.2
77.5°	6.7
80°	5.9
82.5°	5.2
85°	3.0
87.5°	1.5
90°	0.0

(END OF REPORT)