

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: P1275386

Luminaire Tested: P3AS05R259835DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275386
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259835DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

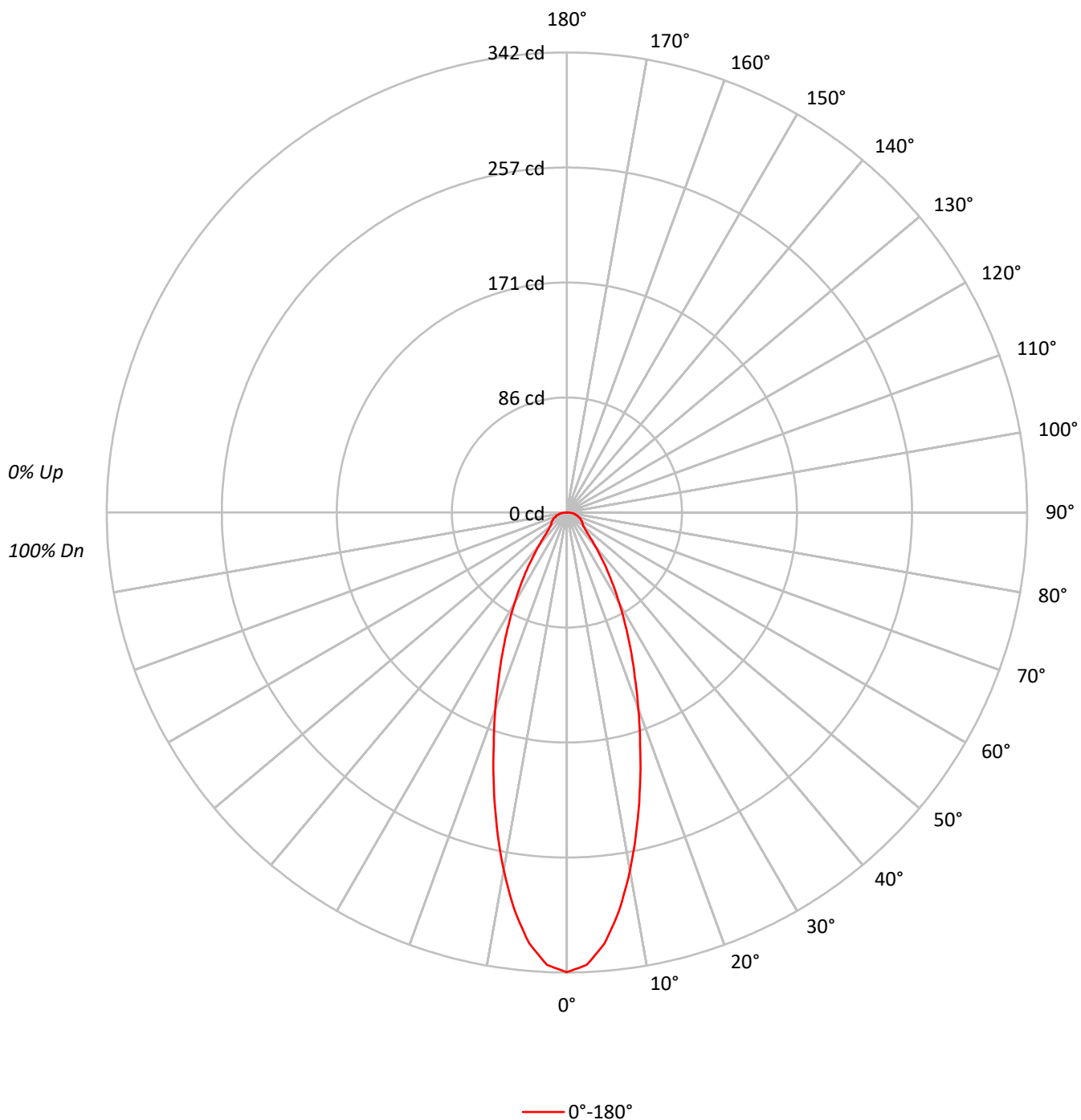
Lumens per Lamp: N/A
Luminaire Lumens: 223.0 lumens
Efficiency: N/A
Efficacy: 31.0 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	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°	74928
5°	70790
10°	60164
15°	47651
20°	36216
25°	27026
30°	19649
35°	13893
40°	9418
45°	6574
50°	5526
55°	5352
60°	5614
65°	5811
70°	5706
75°	6185
80°	7072
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 7560 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.0	13.0
10°-20°	58.1	26.1
20°-30°	51.5	23.1
30°-40°	32.8	14.7
40°-50°	17.3	7.8
50°-60°	12.8	5.7
60°-70°	10.9	4.9
70°-80°	7.7	3.4
80°-90°	3.0	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°	138.6	62.1
0°-40°	171.4	76.8
0°-60°	201.4	90.3
0°-90°	223.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	223.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	342	
5°	322	29
15°	210	58
25°	112	51
35°	52	33
45°	21	17
55°	14	13
65°	11	11
75°	7	8
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	341.7
2.5°	336.7
5°	321.6
7.5°	298.2
10°	270.2
12.5°	240.1
15°	209.9
17.5°	180.9
20°	155.2
22.5°	131.8
25°	111.7
27.5°	93.8
30°	77.6
32.5°	63.7
35°	51.9
37.5°	41.3
40°	32.9
42.5°	26.2
45°	21.2
47.5°	18.4
50°	16.2
52.5°	15.1
55°	14.0
57.5°	13.4
60°	12.8
62.5°	11.7
65°	11.2
67.5°	10.1
70°	8.9
72.5°	8.4
75°	7.3
77.5°	6.1
80°	5.6
82.5°	4.5
85°	2.8
87.5°	1.1
90°	0.0

(END OF REPORT)