

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: P1276076

Luminaire Tested: P3AS13R259835DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276076
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: P3AS13R259835DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

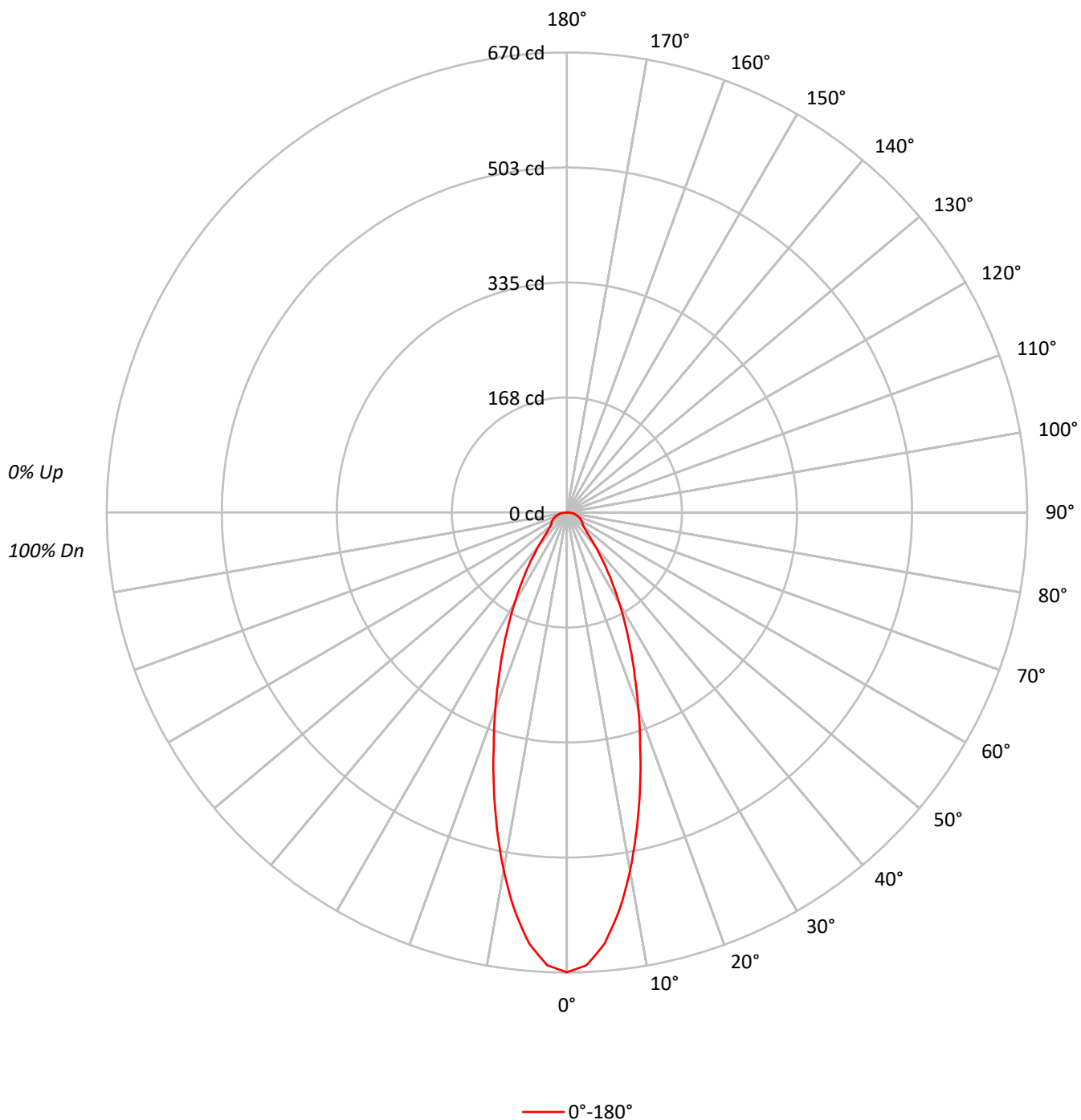
Lumens per Lamp: N/A
Luminaire Lumens: 437.0 lumens
Efficiency: N/A
Efficacy: 30.1 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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°	146830
5°	138719
10°	117923
15°	93394
20°	70986
25°	52939
30°	38512
35°	27251
40°	18492
45°	12901
50°	10814
55°	10475
60°	11052
65°	11363
70°	11220
75°	12031
80°	13764
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 14784 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.9	13.0
10°-20°	113.9	26.1
20°-30°	100.8	23.1
30°-40°	64.2	14.7
40°-50°	34.0	7.8
50°-60°	25.0	5.7
60°-70°	21.3	4.9
70°-80°	15.0	3.4
80°-90°	6.0	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°	271.6	62.1
0°-40°	335.8	76.8
0°-60°	394.8	90.3
0°-90°	437.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	437.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	670	
5°	630	57
15°	411	114
25°	219	101
35°	102	64
45°	42	34
55°	27	25
65°	22	21
75°	14	15
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	669.6
2.5°	659.8
5°	630.2
7.5°	584.3
10°	529.6
12.5°	470.5
15°	411.4
17.5°	354.5
20°	304.2
22.5°	258.2
25°	218.8
27.5°	183.8
30°	152.1
32.5°	124.7
35°	101.8
37.5°	81.0
40°	64.6
42.5°	51.4
45°	41.6
47.5°	36.1
50°	31.7
52.5°	29.5
55°	27.4
57.5°	26.3
60°	25.2
62.5°	23.0
65°	21.9
67.5°	19.7
70°	17.5
72.5°	16.4
75°	14.2
77.5°	12.0
80°	10.9
82.5°	8.8
85°	5.5
87.5°	2.2
90°	0.0

(END OF REPORT)