

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: P1267395

Luminaire Tested: P3AS13R209735DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267395
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R209735DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

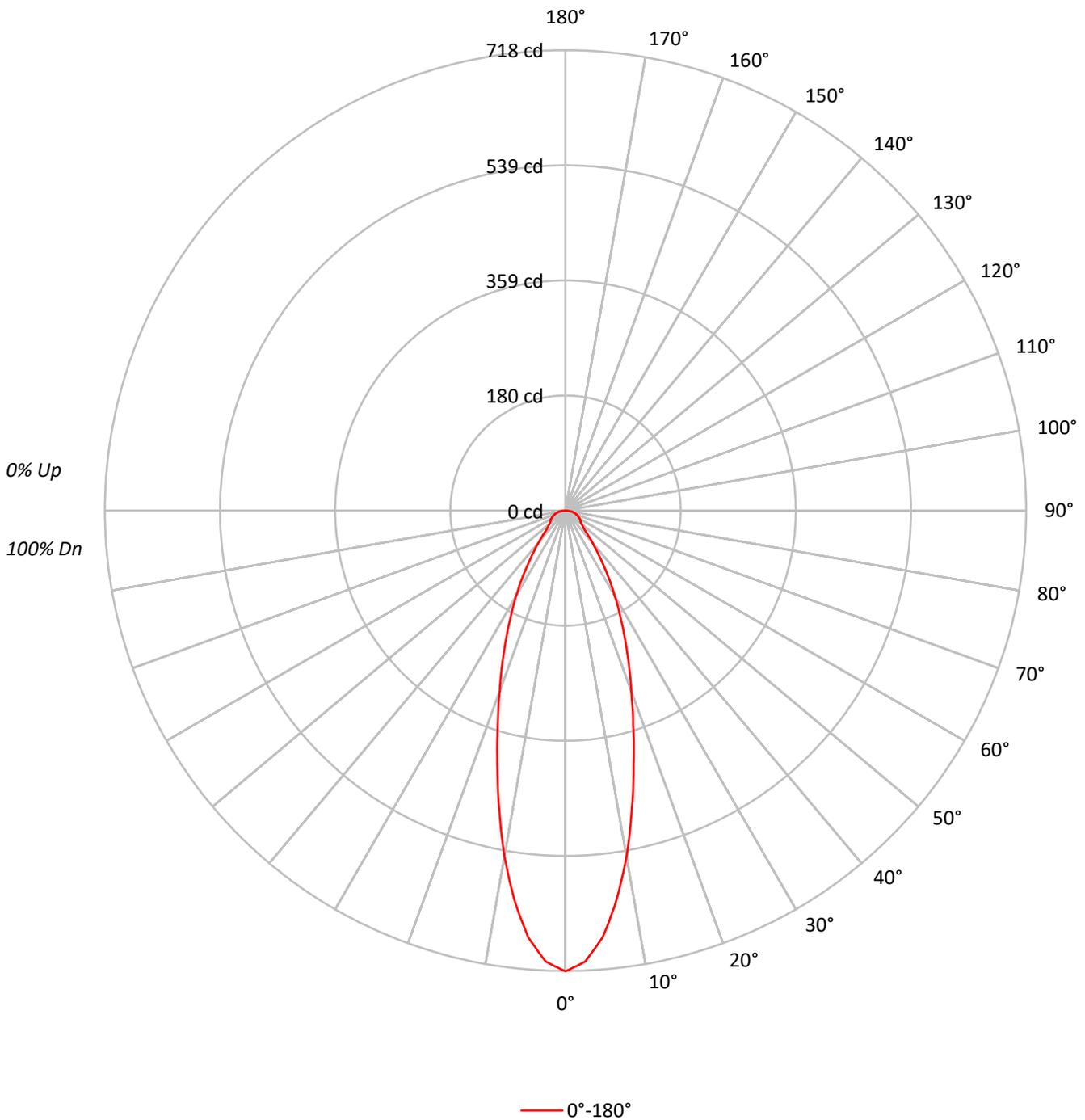
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 443.0 lumens
Efficiency: N/A
Efficacy: 30.3 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (A_{in}): 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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90			90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74			74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68			68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63			63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	63	58	78	68	62	58	67	62	57	66	61	57	65	60	57	55			55
8	76	65	59	54	74	65	58	54	64	58	54	62	57	54	61	57	53	52			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			49
10	69	59	52	48	68	58	52	48	57	52	48	57	52	48	56	51	48	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	157531
5°	146951
10°	121930
15°	93235
20°	69983
25°	52672
30°	38968
35°	27224
40°	18664
45°	12932
50°	11121
55°	10972
60°	11446
65°	11519
70°	11733
75°	12115
80°	13133
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 15288 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.8	13.5
10°-20°	114.2	25.8
20°-30°	100.5	22.7
30°-40°	64.8	14.6
40°-50°	34.4	7.8
50°-60°	25.8	5.8
60°-70°	22.0	5.0
70°-80°	15.5	3.5
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°	274.5	62.0
0°-40°	339.3	76.6
0°-60°	399.5	90.2
0°-90°	443.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	443.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	718	
5°	668	60
15°	411	114
25°	218	100
35°	102	65
45°	42	34
55°	29	26
65°	22	22
75°	14	15
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	718.4
2.5°	704.1
5°	667.6
7.5°	611.5
10°	547.6
12.5°	477.2
15°	410.7
17.5°	350.7
20°	299.9
22.5°	256.9
25°	217.7
27.5°	183.8
30°	153.9
32.5°	126.5
35°	101.7
37.5°	82.1
40°	65.2
42.5°	52.2
45°	41.7
47.5°	36.5
50°	32.6
52.5°	30.0
55°	28.7
57.5°	27.4
60°	26.1
62.5°	23.5
65°	22.2
67.5°	20.9
70°	18.3
72.5°	16.9
75°	14.3
77.5°	13.0
80°	10.4
82.5°	9.1
85°	5.2
87.5°	2.6
90°	0.0

(END OF REPORT)