

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: P1287083

Luminaire Tested: P3AS13R209030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287083
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R209030D2WDE010 E3PHLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

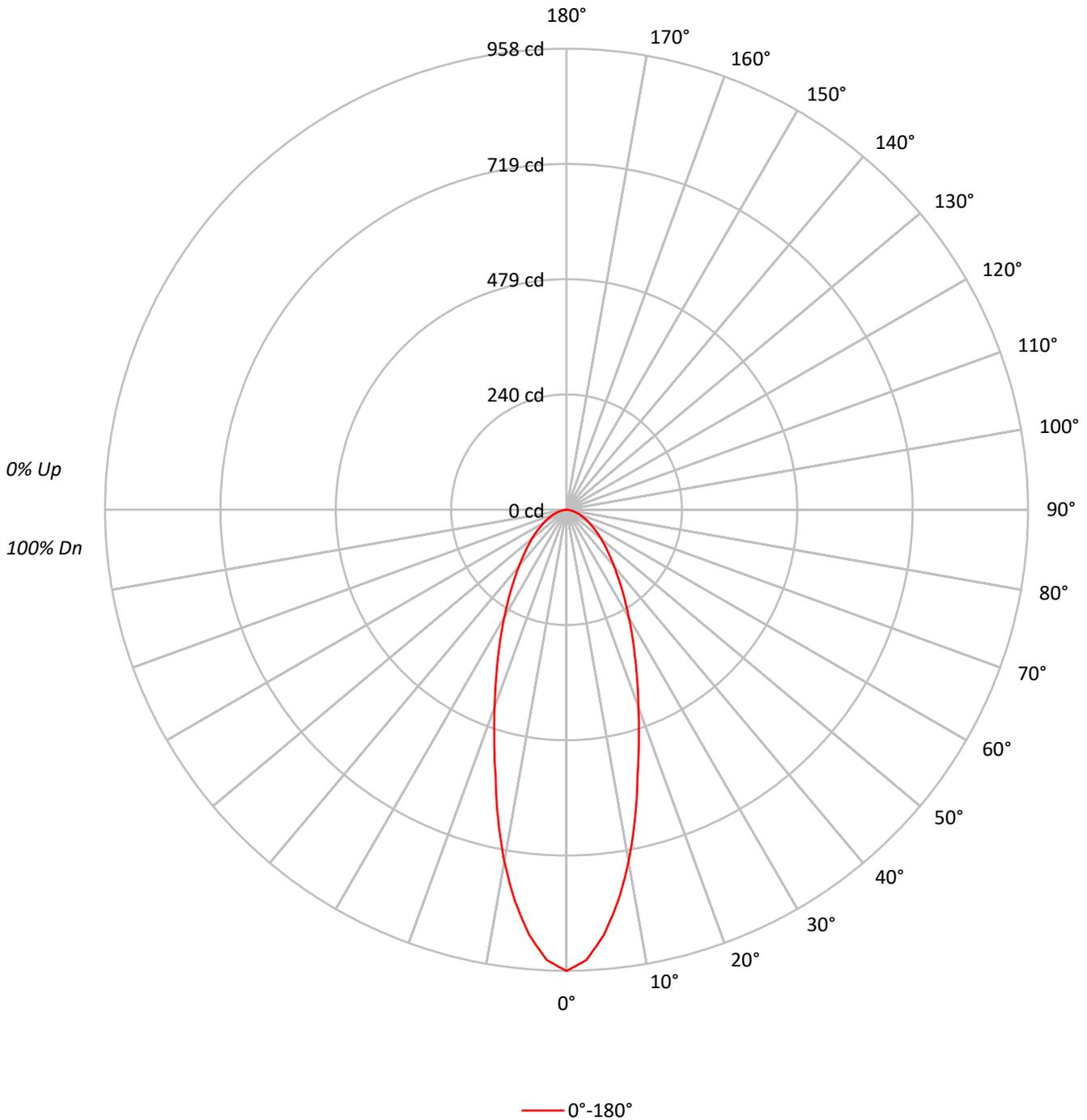
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 741.0 lumens
Efficiency: N/A
Efficacy: 36.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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			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	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	85	82	80	80	80	80
3	98	90	83	78	95	88	82	78	85	81	77	83	79	75	80	77	74	72	72	72	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66	66	66	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60	60	60	60
6	81	70	63	58	79	70	63	58	68	62	58	66	61	57	65	60	57	55	55	55	55
7	76	66	59	54	75	65	58	53	63	58	53	62	57	53	61	56	53	51	51	51	51
8	72	61	54	50	71	61	54	50	60	54	49	58	53	49	57	53	49	47	47	47	47
9	69	58	51	46	67	57	51	46	56	50	46	55	50	46	54	49	46	44	44	44	44
10	65	54	48	43	64	54	48	43	53	47	43	52	47	43	51	46	43	41	41	41	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	210137
5°	195223
10°	165305
15°	129399
20°	101859
25°	81174
30°	65276
35°	53217
40°	44025
45°	37089
50°	31794
55°	27297
60°	23858
65°	20962
70°	17952
75°	15759
80°	11744
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 37089 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.1	10.8
10°-20°	159.6	21.5
20°-30°	155.0	20.9
30°-40°	125.2	16.9
40°-50°	93.0	12.6
50°-60°	64.6	8.7
60°-70°	40.5	5.5
70°-80°	19.6	2.7
80°-90°	3.4	0.5
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°	394.6	53.3
0°-40°	519.8	70.1
0°-60°	677.5	91.4
0°-90°	741.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	741.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	958	
5°	887	80
15°	570	160
25°	336	155
35°	199	125
45°	120	93
55°	71	65
65°	40	41
75°	19	20
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	958.3
2.5°	936.6
5°	886.9
7.5°	820.1
10°	742.4
12.5°	657.0
15°	570.0
17.5°	498.6
20°	436.5
22.5°	382.1
25°	335.5
27.5°	295.1
30°	257.8
32.5°	226.8
35°	198.8
37.5°	174.0
40°	153.8
42.5°	135.1
45°	119.6
47.5°	105.6
50°	93.2
52.5°	82.3
55°	71.4
57.5°	62.1
60°	54.4
62.5°	48.2
65°	40.4
67.5°	34.2
70°	28.0
72.5°	23.3
75°	18.6
77.5°	14.0
80°	9.3
82.5°	4.7
85°	3.1
87.5°	0.0
90°	0.0

(END OF REPORT)