

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: P1262636

Luminaire Tested: P3A13R209727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262636
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: P3A13R209727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

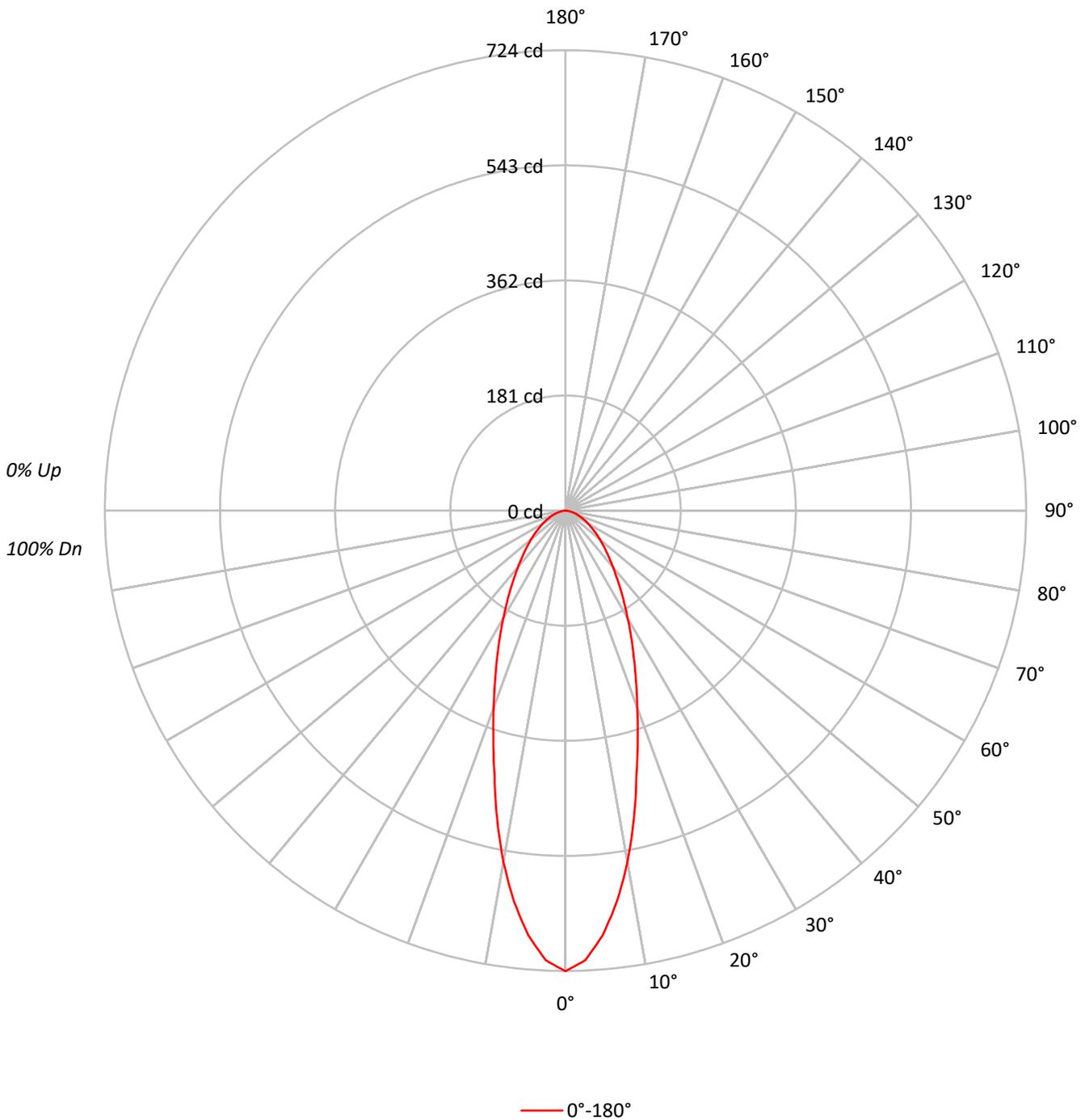
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 560.0 lumens
Efficiency: N/A
Efficacy: 38.4 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): 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	85	82	80	80	80
3	98	90	83	78	95	88	82	78	85	81	77	83	79	75	80	77	74	72	72	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66	66	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60	60	60
6	81	70	63	58	79	70	63	58	68	62	58	66	61	57	65	60	57	55	55	55
7	76	66	59	54	75	65	58	53	64	58	53	62	57	53	61	56	53	51	51	51
8	72	61	54	50	71	61	54	50	60	54	49	58	53	49	57	53	49	47	47	47
9	69	58	51	46	67	57	51	46	56	50	46	55	50	46	54	49	46	44	44	44
10	65	54	48	43	64	54	48	43	53	47	43	52	47	43	51	46	43	41	41	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	158825
5°	147545
10°	124936
15°	97799
20°	76960
25°	61334
30°	49349
35°	40234
40°	33262
45°	28034
50°	24016
55°	20644
60°	18025
65°	15825
70°	13528
75°	11946
80°	8840
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 28034 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.5	10.8
10°-20°	120.6	21.5
20°-30°	117.1	20.9
30°-40°	94.6	16.9
40°-50°	70.3	12.6
50°-60°	48.9	8.7
60°-70°	30.6	5.5
70°-80°	14.8	2.7
80°-90°	2.5	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°	298.2	53.3
0°-40°	392.8	70.2
0°-60°	512.0	91.4
0°-90°	560.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	560.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	724	
5°	670	61
15°	431	121
25°	254	117
35°	150	95
45°	90	70
55°	54	49
65°	30	31
75°	14	15
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	724.3
2.5°	707.8
5°	670.3
7.5°	619.8
10°	561.1
12.5°	496.5
15°	430.8
17.5°	376.8
20°	329.8
22.5°	288.8
25°	253.5
27.5°	223.0
30°	194.9
32.5°	171.4
35°	150.3
37.5°	131.5
40°	116.2
42.5°	102.1
45°	90.4
47.5°	79.8
50°	70.4
52.5°	62.2
55°	54.0
57.5°	47.0
60°	41.1
62.5°	36.4
65°	30.5
67.5°	25.8
70°	21.1
72.5°	17.6
75°	14.1
77.5°	10.6
80°	7.0
82.5°	3.5
85°	2.3
87.5°	0.0
90°	0.0

(END OF REPORT)