

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: P1267394

Luminaire Tested: P3A13R209735DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267394
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: P3A13R209735DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

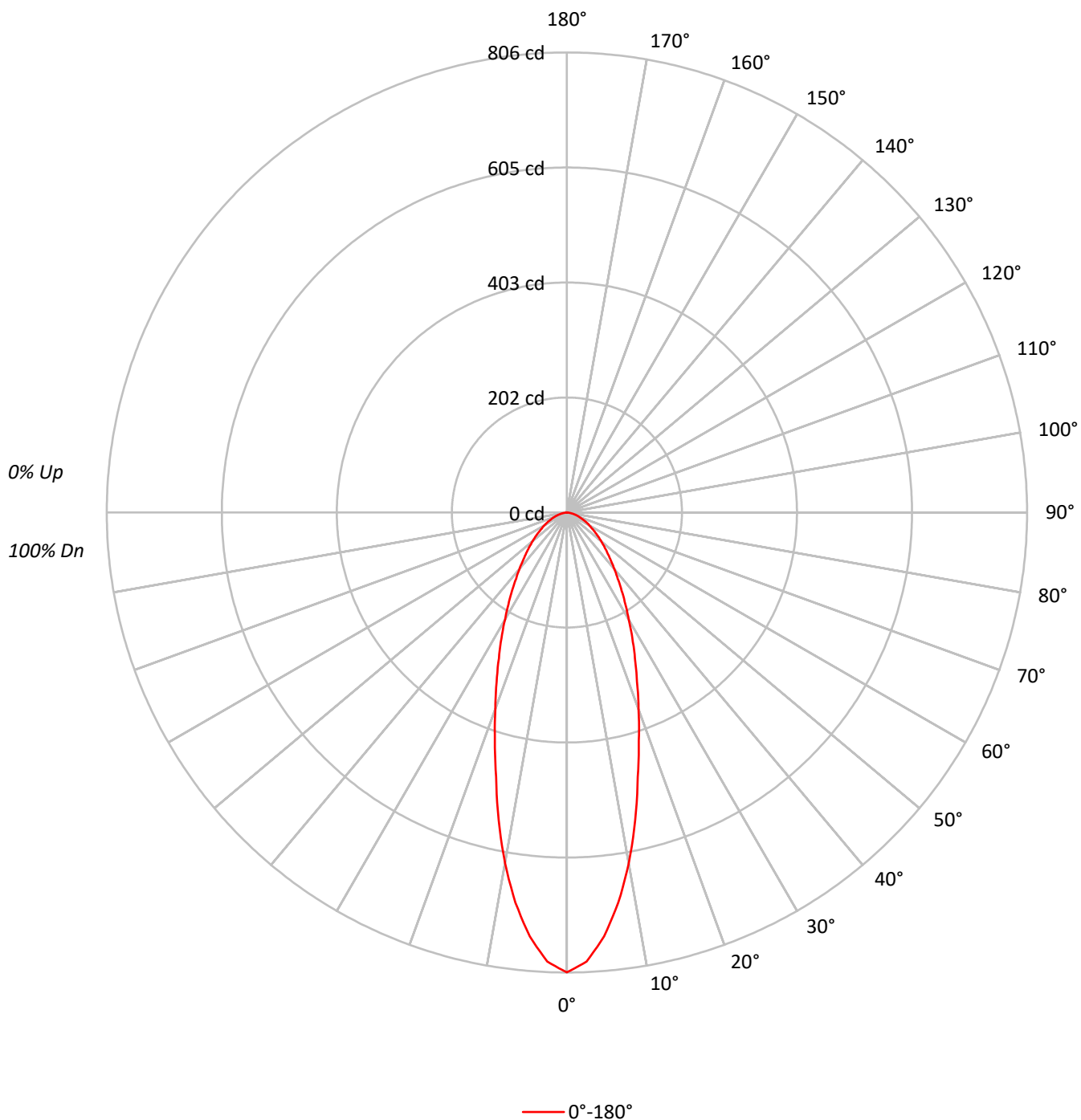
Lumens per Lamp: N/A
Luminaire Lumens: 623.1 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (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	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	63	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	176674
5°	164142
10°	138987
15°	108809
20°	85641
25°	68254
30°	54895
35°	44758
40°	37012
45°	31197
50°	26745
55°	22976
60°	20042
65°	17641
70°	15067
75°	13302
80°	9850
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31197 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.3	10.8
10°-20°	134.2	21.5
20°-30°	130.3	20.9
30°-40°	105.3	16.9
40°-50°	78.2	12.6
50°-60°	54.3	8.7
60°-70°	34.1	5.5
70°-80°	16.5	2.7
80°-90°	2.8	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°	331.8	53.3
0°-40°	437.1	70.1
0°-60°	569.6	91.4
0°-90°	623.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	623.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	806	
5°	746	67
15°	479	134
25°	282	130
35°	167	105
45°	101	78
55°	60	54
65°	34	34
75°	16	17
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	805.7
2.5°	787.5
5°	745.7
7.5°	689.5
10°	624.2
12.5°	552.4
15°	479.3
17.5°	419.2
20°	367.0
22.5°	321.2
25°	282.1
27.5°	248.1
30°	216.8
32.5°	190.7
35°	167.2
37.5°	146.3
40°	129.3
42.5°	113.6
45°	100.6
47.5°	88.8
50°	78.4
52.5°	69.2
55°	60.1
57.5°	52.2
60°	45.7
62.5°	40.5
65°	34.0
67.5°	28.7
70°	23.5
72.5°	19.6
75°	15.7
77.5°	11.8
80°	7.8
82.5°	3.9
85°	2.6
87.5°	0.0
90°	0.0

(END OF REPORT)