

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: P1267368

Luminaire Tested: P3A13R159735DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267368
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R159735DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

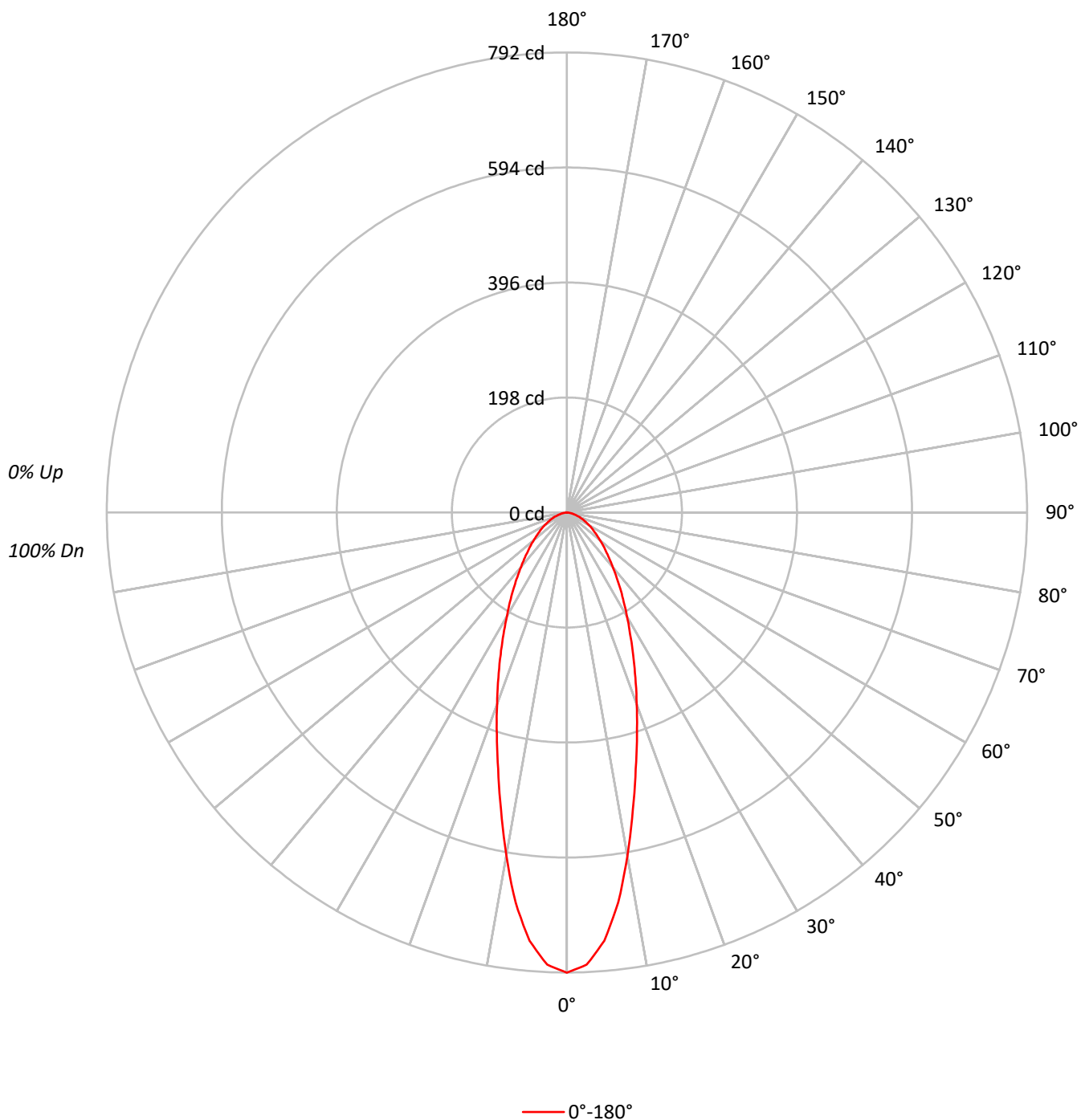
Lumens per Lamp: N/A
Luminaire Lumens: 597.0 lumens
Efficiency: N/A
Efficacy: 40.9 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	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	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	173736
5°	162866
10°	133554
15°	103746
20°	81907
25°	65278
30°	52388
35°	42777
40°	35237
45°	29646
50°	25449
55°	22021
60°	19516
65°	16967
70°	15131
75°	12200
80°	9976
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29646 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.1	11.1
10°-20°	128.0	21.4
20°-30°	124.4	20.8
30°-40°	100.6	16.8
40°-50°	74.7	12.5
50°-60°	52.2	8.7
60°-70°	32.7	5.5
70°-80°	15.5	2.6
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°	318.5	53.4
0°-40°	419.1	70.2
0°-60°	545.9	91.4
0°-90°	597.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	597.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	792	
5°	740	66
15°	457	128
25°	270	124
35°	160	101
45°	96	75
55°	58	52
65°	33	33
75°	14	16
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	792.3
2.5°	779.2
5°	739.9
7.5°	677.0
10°	599.8
12.5°	523.8
15°	457.0
17.5°	400.7
20°	351.0
22.5°	307.7
25°	269.8
27.5°	235.7
30°	206.9
32.5°	182.0
35°	159.8
37.5°	140.1
40°	123.1
42.5°	108.7
45°	95.6
47.5°	85.1
50°	74.6
52.5°	65.5
55°	57.6
57.5°	51.1
60°	44.5
62.5°	38.0
65°	32.7
67.5°	27.5
70°	23.6
72.5°	18.3
75°	14.4
77.5°	10.5
80°	7.9
82.5°	3.9
85°	2.6
87.5°	0.0
90°	0.0

(END OF REPORT)