

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: P1246818

Luminaire Tested: P3A13R159024DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246818
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: P3A13R159024DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

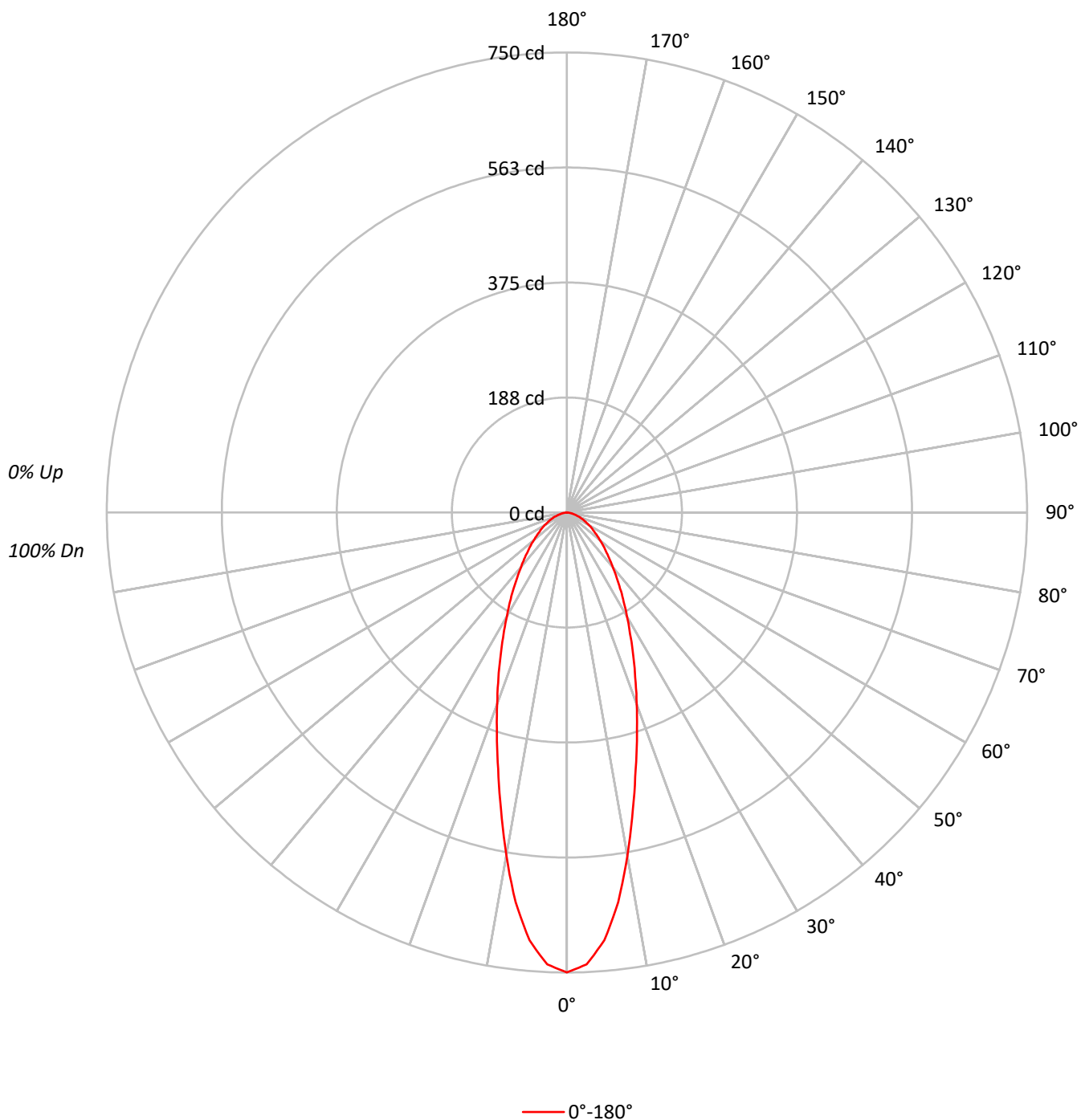
Lumens per Lamp: N/A
Luminaire Lumens: 565.0 lumens
Efficiency: N/A
Efficacy: 38.7 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	164417
5°	154127
10°	126384
15°	98184
20°	77497
25°	61770
30°	49577
35°	40475
40°	33348
45°	28065
50°	24084
55°	20836
60°	18463
65°	16085
70°	14297
75°	11522
80°	9345
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28065 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.5	11.1
10°-20°	121.1	21.4
20°-30°	117.8	20.8
30°-40°	95.2	16.8
40°-50°	70.7	12.5
50°-60°	49.4	8.7
60°-70°	30.9	5.5
70°-80°	14.7	2.6
80°-90°	2.7	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°	301.4	53.4
0°-40°	396.6	70.2
0°-60°	516.7	91.5
0°-90°	565.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	565.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	750	
5°	700	63
15°	432	121
25°	255	118
35°	151	95
45°	90	71
55°	54	49
65°	31	31
75°	14	15
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	749.8
2.5°	737.4
5°	700.2
7.5°	640.7
10°	567.6
12.5°	495.7
15°	432.5
17.5°	379.2
20°	332.1
22.5°	291.2
25°	255.3
27.5°	223.1
30°	195.8
32.5°	172.3
35°	151.2
37.5°	132.6
40°	116.5
42.5°	102.9
45°	90.5
47.5°	80.6
50°	70.6
52.5°	62.0
55°	54.5
57.5°	48.3
60°	42.1
62.5°	35.9
65°	31.0
67.5°	26.0
70°	22.3
72.5°	17.4
75°	13.6
77.5°	9.9
80°	7.4
82.5°	3.7
85°	2.5
87.5°	0.0
90°	0.0

(END OF REPORT)