

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: P1246908

Luminaire Tested: P3A13R309024DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246908
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R309024DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

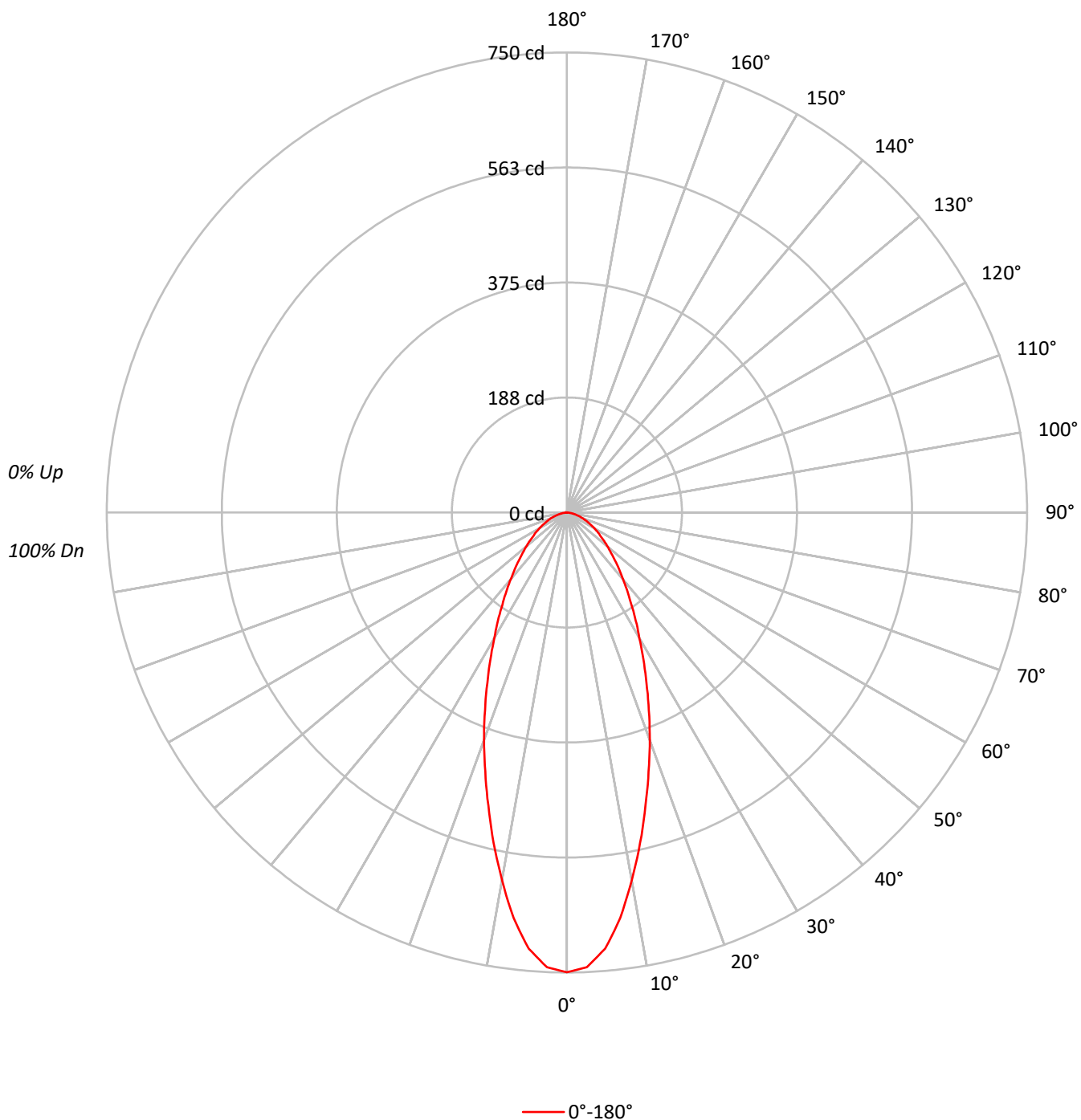
Lumens per Lamp: N/A
Luminaire Lumens: 667.0 lumens
Efficiency: N/A
Efficacy: 45.7 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100	102	99	97		98	96	94		94
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60
8	71	60	53	48	70	60	53	48	58	52	48		57	52	48		56
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	164351
5°	157098
10°	135491
15°	112305
20°	92081
25°	74206
30°	59807
35°	49014
40°	40705
45°	34515
50°	29543
55°	25538
60°	22761
65°	19872
70°	17439
75°	14657
80°	10986
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34515 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.7	9.7
10°-20°	138.0	20.7
20°-30°	141.4	21.2
30°-40°	115.6	17.3
40°-50°	86.5	13.0
50°-60°	60.7	9.1
60°-70°	38.2	5.7
70°-80°	18.4	2.8
80°-90°	3.5	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°	344.1	51.6
0°-40°	459.6	68.9
0°-60°	606.8	91.0
0°-90°	667.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	667.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	750	
5°	714	65
15°	495	138
25°	307	141
35°	183	116
45°	111	86
55°	67	61
65°	38	38
75°	17	18
85°	2	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	749.5
2.5°	742.1
5°	713.7
7.5°	666.7
10°	608.5
12.5°	551.6
15°	494.7
17.5°	442.8
20°	394.6
22.5°	348.8
25°	306.7
27.5°	269.6
30°	236.2
32.5°	209.0
35°	183.1
37.5°	162.0
40°	142.2
42.5°	126.2
45°	111.3
47.5°	97.7
50°	86.6
52.5°	76.7
55°	66.8
57.5°	59.4
60°	51.9
62.5°	44.5
65°	38.3
67.5°	32.2
70°	27.2
72.5°	22.3
75°	17.3
77.5°	12.4
80°	8.7
82.5°	4.9
85°	2.5
87.5°	1.2
90°	0.0

(END OF REPORT)