

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: P1246786

Luminaire Tested: P3A13R129024DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246786
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: P3A13R129024DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

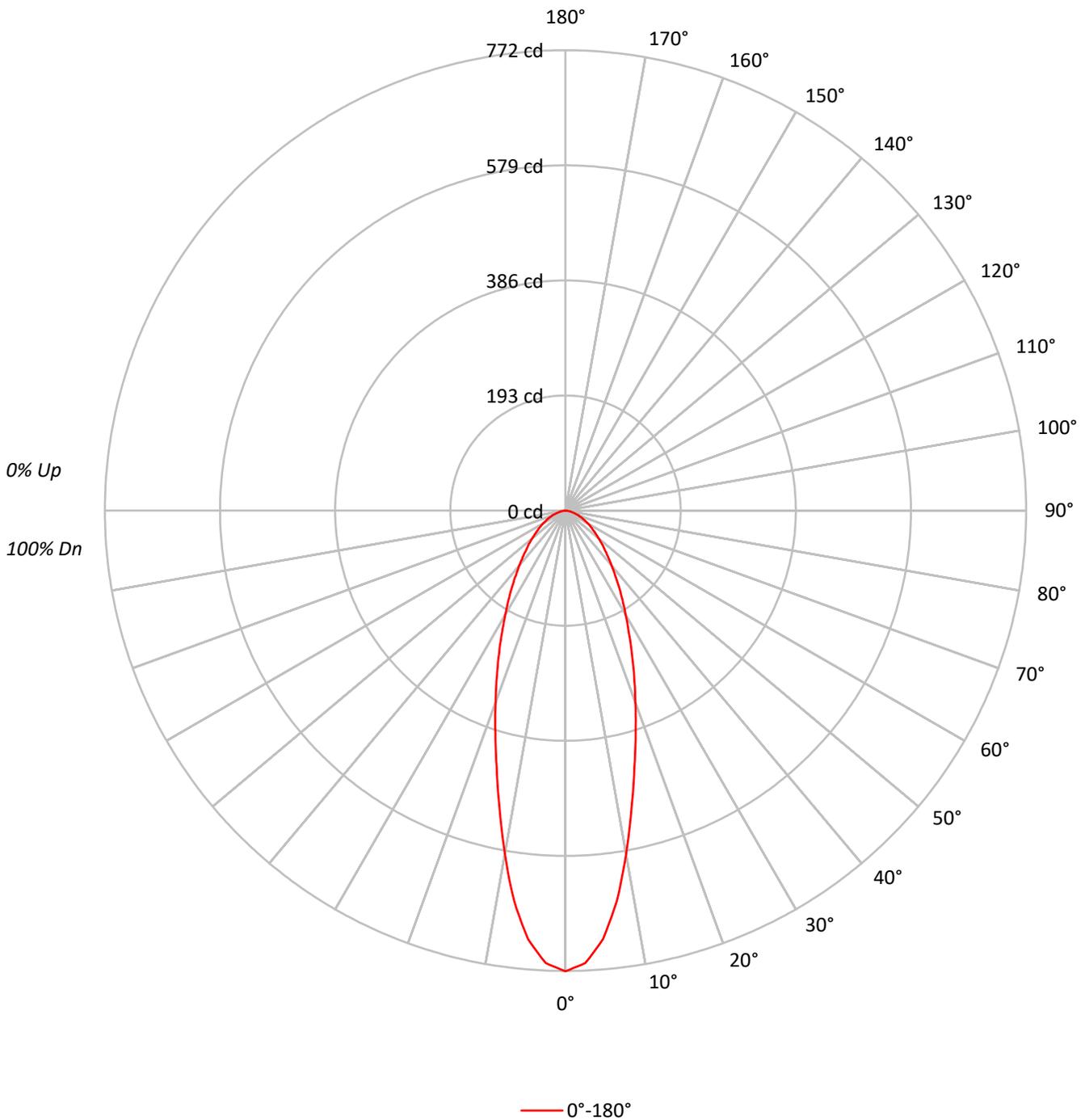
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 582.0 lumens
Efficiency: N/A
Efficacy: 37.5 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): 15.5
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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	80	80	80	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	81	77	74	72	72	72	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66	66	66	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60	60	60	60
6	81	71	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	55	55	55	55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	51	51	51	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47	47	47	47
9	69	58	51	47	68	57	51	46	56	50	46	55	50	46	54	49	46	44	44	44	44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42	42	42	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	169372
5°	158771
10°	130191
15°	101136
20°	79830
25°	63633
30°	51071
35°	41680
40°	34350
45°	28902
50°	24835
55°	21485
60°	19034
65°	16552
70°	14746
75°	11861
80°	9723
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 28902 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.4	11.1
10°-20°	124.8	21.4
20°-30°	121.3	20.8
30°-40°	98.0	16.8
40°-50°	72.8	12.5
50°-60°	50.9	8.7
60°-70°	31.9	5.5
70°-80°	15.1	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°	310.5	53.4
0°-40°	408.6	70.2
0°-60°	532.2	91.4
0°-90°	582.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	582.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	772	
5°	721	64
15°	446	125
25°	263	121
35°	156	98
45°	93	73
55°	56	51
65°	32	32
75°	14	15
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	772.4
2.5°	759.6
5°	721.3
7.5°	660.0
10°	584.7
12.5°	510.7
15°	445.5
17.5°	390.6
20°	342.1
22.5°	300.0
25°	263.0
27.5°	229.8
30°	201.7
32.5°	177.5
35°	155.7
37.5°	136.6
40°	120.0
42.5°	106.0
45°	93.2
47.5°	83.0
50°	72.8
52.5°	63.8
55°	56.2
57.5°	49.8
60°	43.4
62.5°	37.0
65°	31.9
67.5°	26.8
70°	23.0
72.5°	17.9
75°	14.0
77.5°	10.2
80°	7.7
82.5°	3.8
85°	2.6
87.5°	0.0
90°	0.0

(END OF REPORT)