

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: P1251858

Luminaire Tested: P3AS13R129030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251858
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R129030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

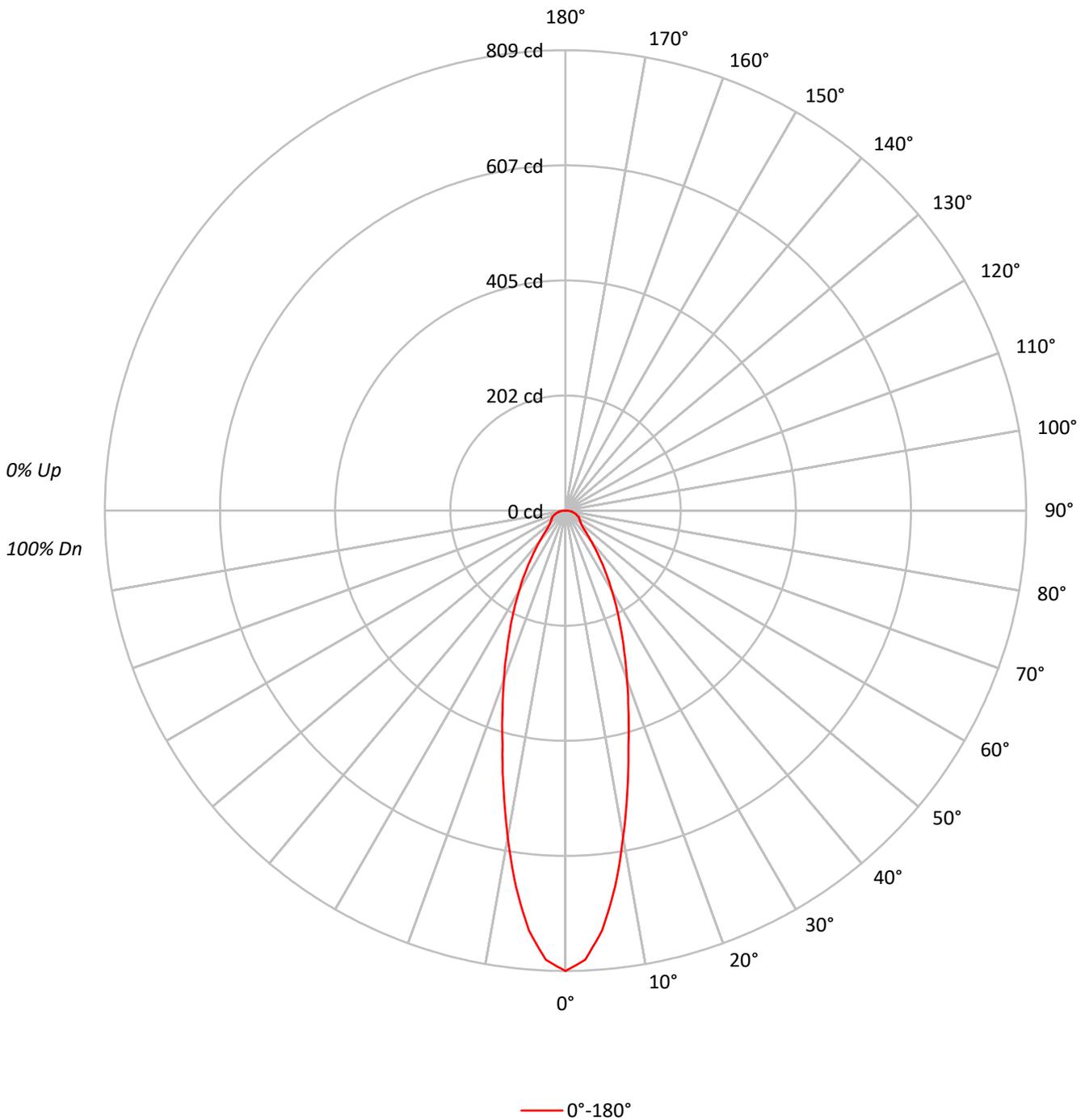
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 474.0 lumens
Efficiency: N/A
Efficacy: 30.6 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
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	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	92	92	92	90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	83	83	83	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	76	76	76	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	70	70	70	68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	65	65	65	63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	60	60	60	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	57	57	57	55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	53	53	53	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	50	50	50	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	48	48	48	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	177420
5°	162888
10°	129791
15°	97004
20°	73670
25°	55769
30°	41272
35°	29473
40°	20181
45°	14110
50°	12008
55°	11775
60°	12236
65°	12972
70°	13207
75°	13725
80°	14775
85°	14844

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 17304 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.5	13.8
10°-20°	119.9	25.3
20°-30°	106.2	22.4
30°-40°	69.5	14.7
40°-50°	37.2	7.8
50°-60°	28.1	5.9
60°-70°	24.2	5.1
70°-80°	16.7	3.5
80°-90°	6.8	1.4
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°	291.6	61.5
0°-40°	361.1	76.2
0°-60°	426.4	89.9
0°-90°	474.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	474.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	809	
5°	740	66
15°	427	120
25°	230	106
35°	110	70
45°	46	37
55°	31	28
65°	25	24
75°	16	17
85°	6	7
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	809.1
2.5°	790.0
5°	740.0
7.5°	666.6
10°	582.9
12.5°	502.2
15°	427.3
17.5°	367.1
20°	315.7
22.5°	270.2
25°	230.5
27.5°	195.3
30°	163.0
32.5°	135.1
35°	110.1
37.5°	88.1
40°	70.5
42.5°	55.8
45°	45.5
47.5°	39.6
50°	35.2
52.5°	33.8
55°	30.8
57.5°	29.4
60°	27.9
62.5°	26.4
65°	25.0
67.5°	22.0
70°	20.6
72.5°	17.6
75°	16.2
77.5°	13.2
80°	11.7
82.5°	10.3
85°	5.9
87.5°	2.9
90°	0.0

(END OF REPORT)