

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: P1254967

Luminaire Tested: P3AS17R159035DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254967
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159035DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

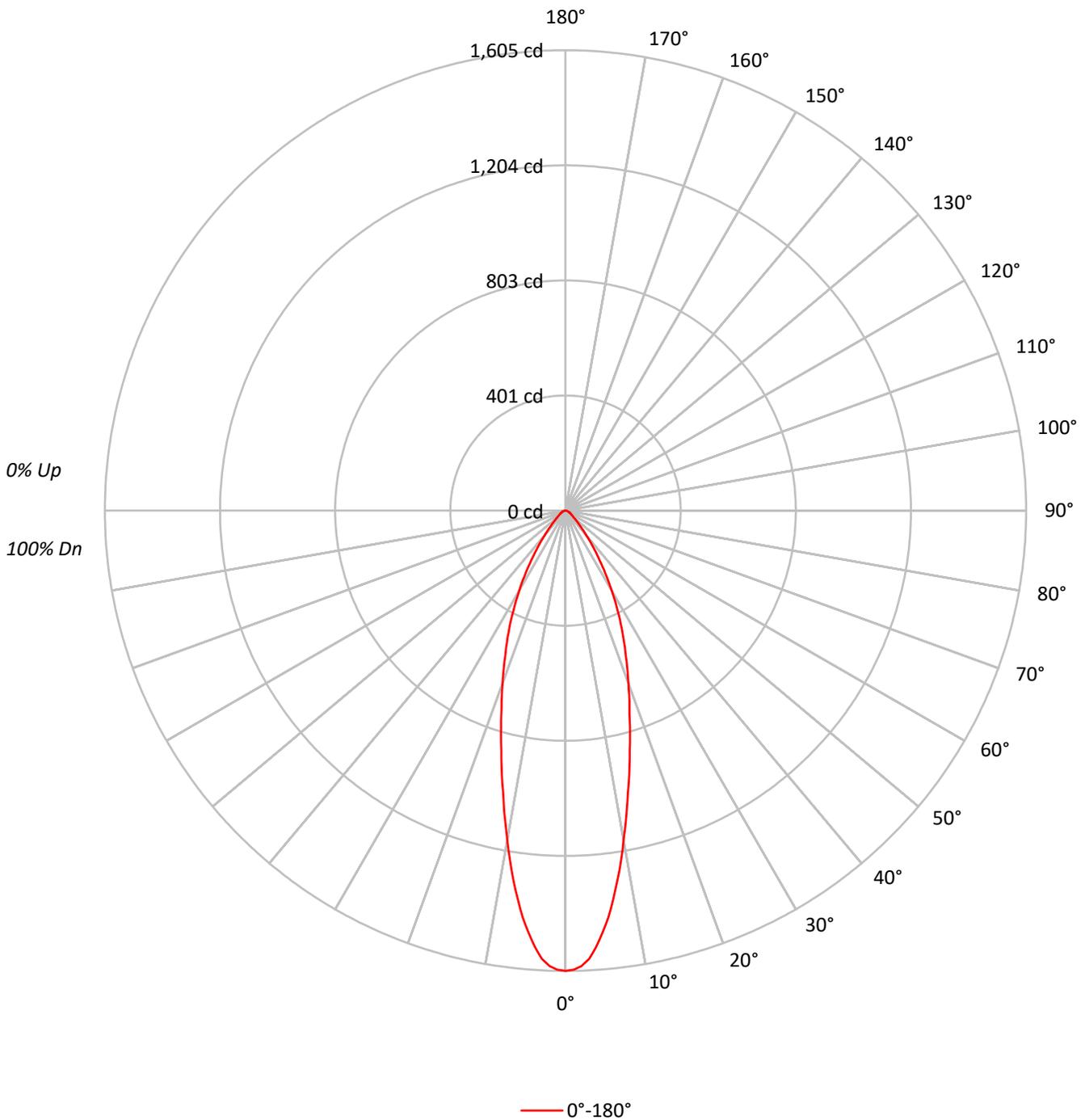
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 816.0 lumens
Efficiency: N/A
Efficacy: 38.5 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	351880
5°	325225
10°	259648
15°	196142
20°	149346
25°	113813
30°	81532
35°	53217
40°	32633
45°	19723
50°	13100
55°	10131
60°	8727
65°	7575
70°	6796
75°	6778
80°	5051
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19723 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.9	16.0
10°-20°	241.5	29.6
20°-30°	215.0	26.3
30°-40°	127.2	15.6
40°-50°	52.2	6.4
50°-60°	24.5	3.0
60°-70°	14.9	1.8
70°-80°	7.9	1.0
80°-90°	2.0	0.2
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°	587.4	72.0
0°-40°	714.6	87.6
0°-60°	791.3	97.0
0°-90°	816.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	816.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1605	
5°	1478	131
15°	864	241
25°	470	215
35°	199	127
45°	64	52
55°	26	25
65°	15	15
75°	8	8
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1604.7
1°	1600.7
2°	1588.8
3°	1564.9
4°	1525.2
5°	1477.5
6°	1425.8
7°	1364.8
8°	1301.2
9°	1236.3
10°	1166.1
12.5°	1005.7
15°	864.0
17.5°	742.1
20°	640.0
22.5°	549.9
25°	470.4
27.5°	393.6
30°	322.0
32.5°	257.1
35°	198.8
37.5°	152.4
40°	114.0
42.5°	84.8
45°	63.6
47.5°	49.0
50°	38.4
52.5°	31.8
55°	26.5
57.5°	22.5
60°	19.9
62.5°	17.2
65°	14.6
67.5°	13.3
70°	10.6
72.5°	9.3
75°	8.0
77.5°	5.3
80°	4.0
82.5°	2.7
85°	1.3
87.5°	1.3
90°	0.0

(END OF REPORT)