

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: P1249489

Luminaire Tested: P3AS13R709027DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249489
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R709027DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

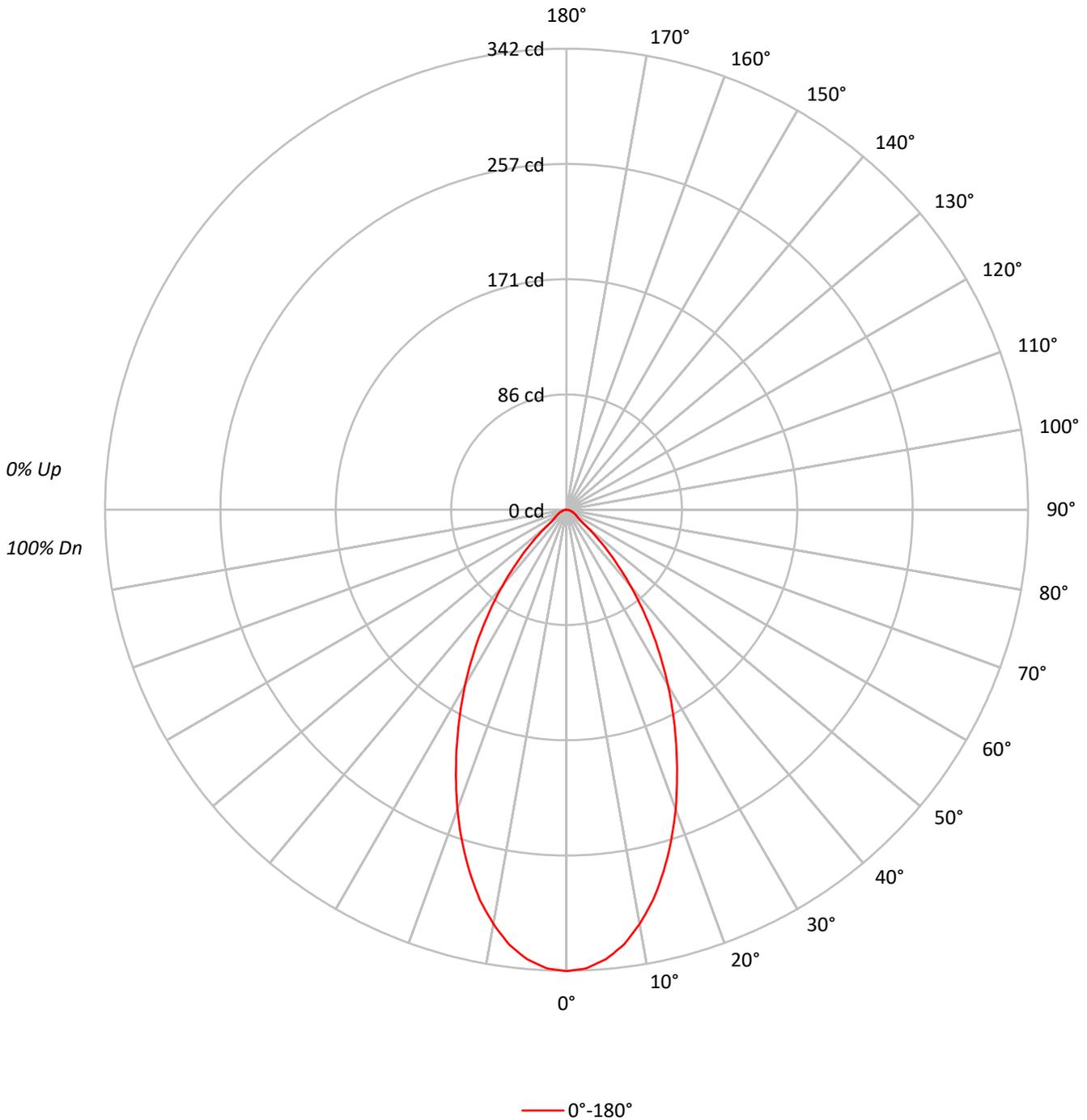
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 320.0 lumens
Efficiency: N/A
Efficacy: 21.9 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
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			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
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77			77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71			71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65			65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61			61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56			56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75060
5°	73674
10°	69471
15°	63065
20°	55165
25°	46527
30°	38107
35°	29553
40°	21154
45°	13397
50°	6686
55°	4091
60°	3508
65°	3217
70°	2885
75°	2626
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13397 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.2	9.8
10°-20°	77.3	24.2
20°-30°	88.0	27.5
30°-40°	68.8	21.5
40°-50°	33.8	10.6
50°-60°	10.4	3.2
60°-70°	6.1	1.9
70°-80°	3.3	1.0
80°-90°	1.0	0.3
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°	196.5	61.4
0°-40°	265.4	82.9
0°-60°	309.6	96.7
0°-90°	320.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	320.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	342	
5°	335	31
15°	278	77
25°	192	88
35°	110	69
45°	43	34
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	342.3
2.5°	340.5
5°	334.7
7.5°	325.4
10°	312.0
12.5°	296.5
15°	277.8
17.5°	257.7
20°	236.4
22.5°	214.1
25°	192.3
27.5°	170.9
30°	150.5
32.5°	130.0
35°	110.4
37.5°	91.7
40°	73.9
42.5°	57.4
45°	43.2
47.5°	30.3
50°	19.6
52.5°	12.9
55°	10.7
57.5°	9.3
60°	8.0
62.5°	7.1
65°	6.2
67.5°	5.3
70°	4.5
72.5°	3.6
75°	3.1
77.5°	2.7
80°	1.8
82.5°	1.3
85°	0.9
87.5°	0.4
90°	0.0

(END OF REPORT)