

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: P1263384

Luminaire Tested: P3A20R259727D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263384
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259727D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

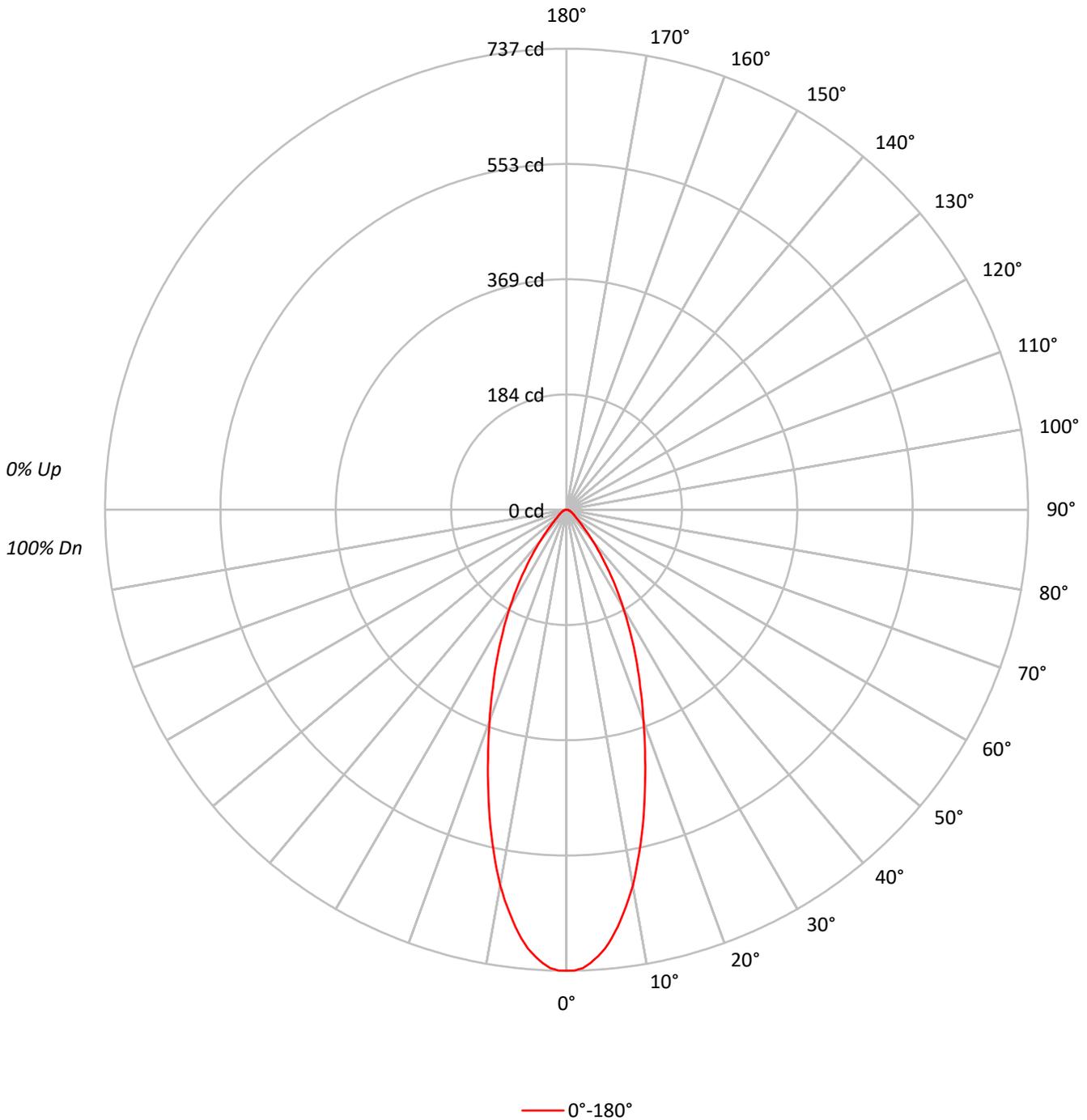
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 445.1 lumens
Efficiency: N/A
Efficacy: 15.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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				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	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	75	75	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	70	70	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	58	58	58
9	76	67	61	57	75	66	61	57	65	60	57	64	60	57	64	59	56	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	161566
5°	155007
10°	135780
15°	109149
20°	83867
25°	63439
30°	45855
35°	30463
40°	18463
45°	10761
50°	6857
55°	5582
60°	4868
65°	4307
70°	3590
75°	3558
80°	2652
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10761 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.1	14.4
10°-20°	132.9	29.9
20°-30°	120.2	27.0
30°-40°	72.2	16.2
40°-50°	28.7	6.4
50°-60°	13.2	3.0
60°-70°	8.0	1.8
70°-80°	4.3	1.0
80°-90°	1.2	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°	317.3	71.3
0°-40°	389.5	87.5
0°-60°	431.4	96.9
0°-90°	445.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	445.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	737	
5°	704	64
15°	481	133
25°	262	120
35°	114	72
45°	35	29
55°	15	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	736.8
1°	736.8
2°	733.3
3°	725.7
4°	716.0
5°	704.2
6°	688.9
7°	671.6
8°	651.4
9°	631.3
10°	609.8
11°	584.8
12°	559.2
13°	533.5
14°	507.8
15°	480.8
17.5°	416.9
20°	359.4
22.5°	307.3
25°	262.2
27.5°	219.9
30°	181.1
32.5°	145.7
35°	113.8
37.5°	86.7
40°	64.5
42.5°	47.2
45°	34.7
47.5°	26.4
50°	20.1
52.5°	16.7
55°	14.6
57.5°	12.5
60°	11.1
62.5°	9.0
65°	8.3
67.5°	6.9
70°	5.6
72.5°	4.9
75°	4.2
77.5°	3.5
80°	2.1
82.5°	1.4
85°	1.4
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)