

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: P1247813

Luminaire Tested: P3A20R659024D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247813
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R659024D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

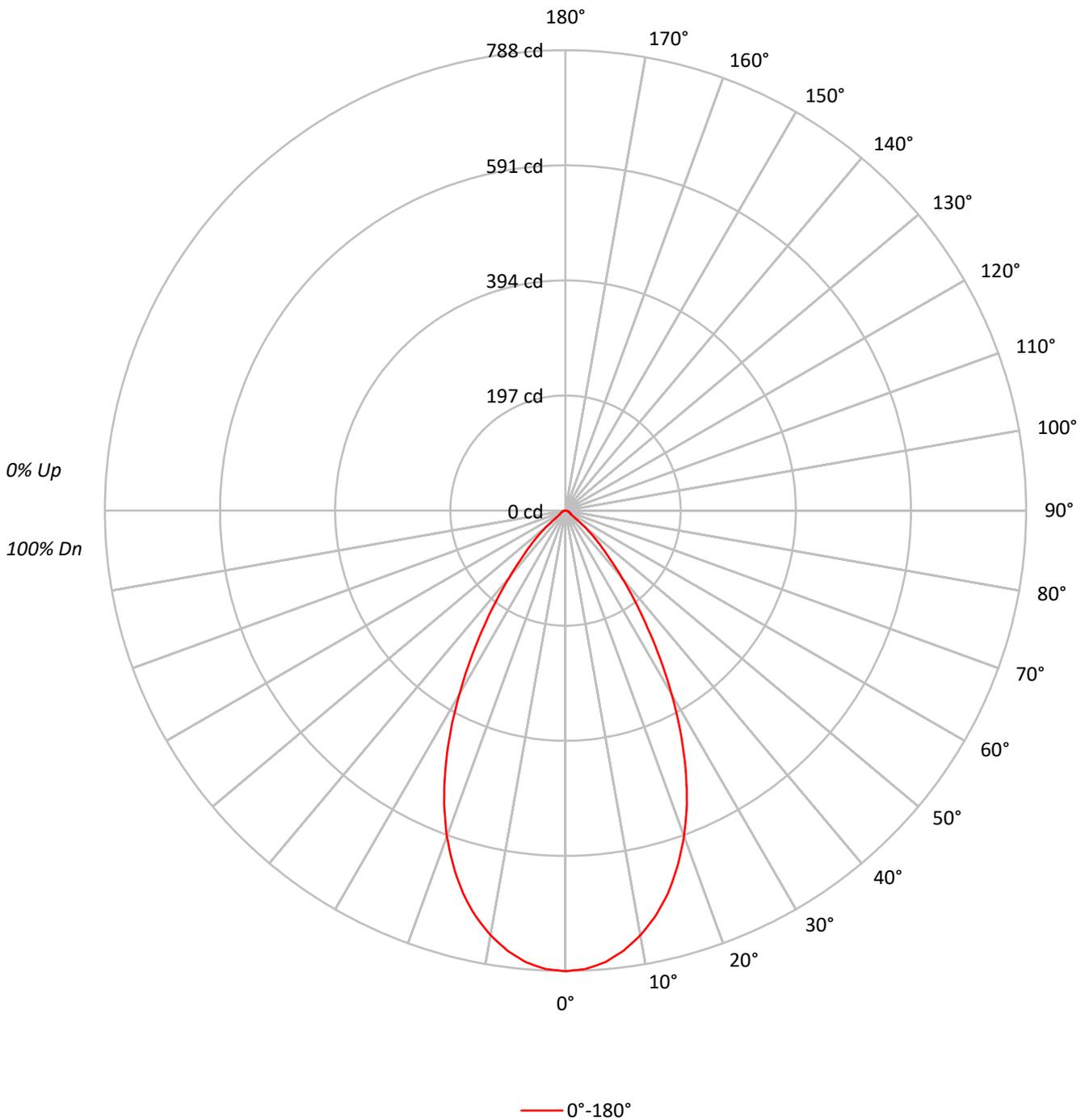
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 733.0 lumens
Efficiency: N/A
Efficacy: 25.5 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
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				
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			
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79			
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73			
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68			
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63			
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58			
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172859
5°	170790
10°	164303
15°	153917
20°	138425
25°	117539
30°	91938
35°	65531
40°	42880
45°	26514
50°	13475
55°	4741
60°	4166
65°	4151
70°	3719
75°	3728
80°	3662
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26514 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.8	9.9
10°-20°	188.7	25.7
20°-30°	220.5	30.1
30°-40°	154.1	21.0
40°-50°	67.8	9.3
50°-60°	15.1	2.1
60°-70°	7.7	1.0
70°-80°	4.6	0.6
80°-90°	1.6	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°	482.0	65.8
0°-40°	636.2	86.8
0°-60°	719.1	98.1
0°-90°	733.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	733.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	788	
5°	776	73
15°	678	189
25°	486	221
35°	245	154
45°	86	68
55°	12	15
65°	8	8
75°	4	5
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	788.3
2.5°	785.4
5°	775.9
7.5°	759.8
10°	737.9
12.5°	710.9
15°	678.0
17.5°	637.8
20°	593.2
22.5°	542.8
25°	485.8
27.5°	425.9
30°	363.1
32.5°	302.5
35°	244.8
37.5°	194.3
40°	149.8
42.5°	113.2
45°	85.5
47.5°	62.8
50°	39.5
52.5°	20.5
55°	12.4
57.5°	11.0
60°	9.5
62.5°	8.8
65°	8.0
67.5°	6.6
70°	5.8
72.5°	5.1
75°	4.4
77.5°	3.7
80°	2.9
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)