

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: P1255479

Luminaire Tested: P3AS20R459035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255479
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R459035D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

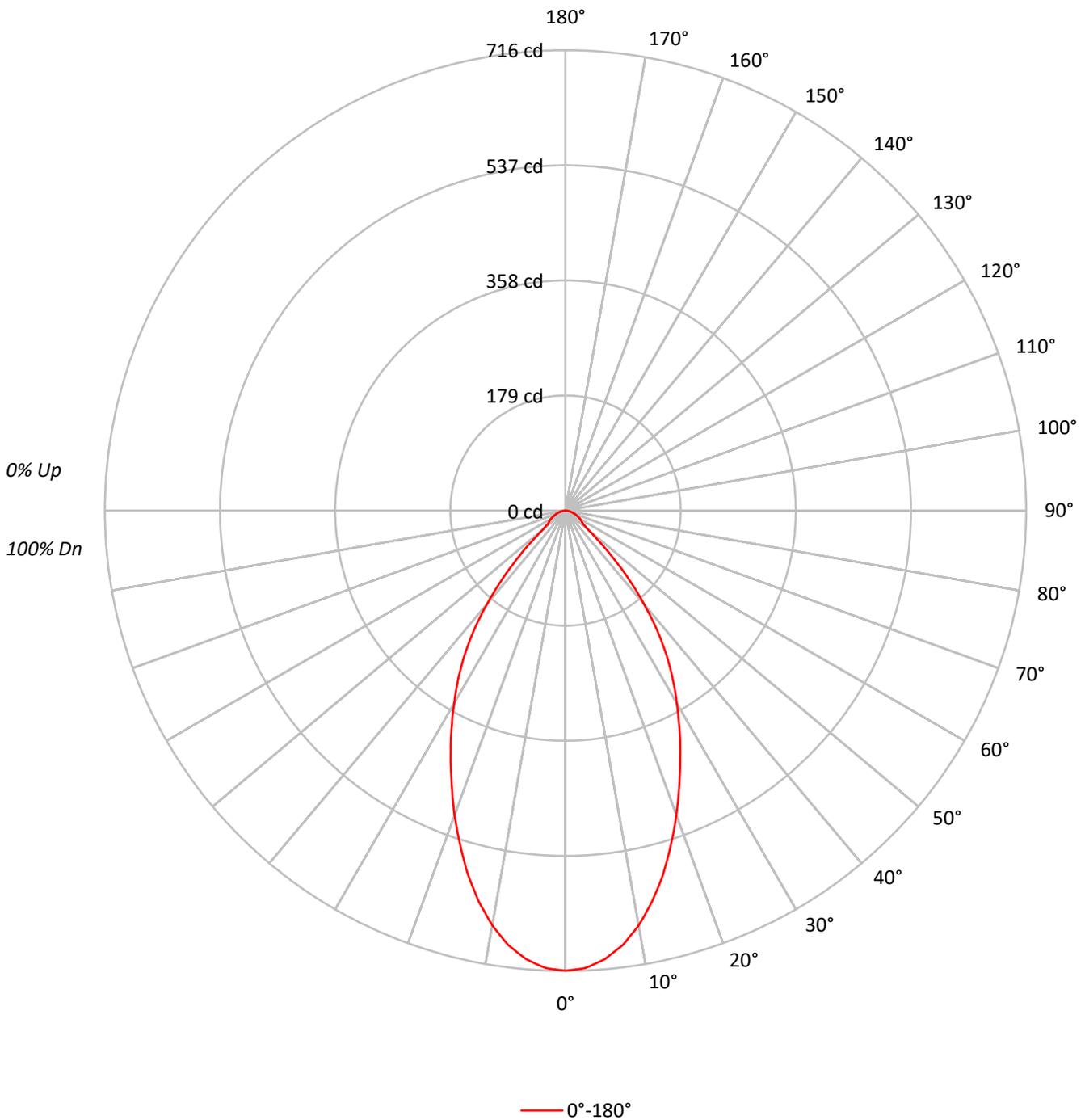
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 740.0 lumens
Efficiency: N/A
Efficacy: 25.7 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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				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	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83				83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75				75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69				69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58				58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54				54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50				50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47				47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44				44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	156895
5°	154127
10°	145845
15°	133009
20°	117610
25°	102127
30°	87659
35°	73053
40°	54445
45°	33337
50°	15420
55°	12081
60°	11578
65°	10637
70°	9873
75°	9404
80°	8587
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 33337 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.4	8.8
10°-20°	163.1	22.0
20°-30°	193.8	26.2
30°-40°	168.4	22.8
40°-50°	84.5	11.4
50°-60°	29.3	4.0
60°-70°	20.6	2.8
70°-80°	11.5	1.6
80°-90°	3.5	0.5
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°	422.3	57.1
0°-40°	590.7	79.8
0°-60°	704.5	95.2
0°-90°	740.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	740.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	716	
5°	700	65
15°	586	163
25°	422	194
35°	273	168
45°	108	84
55°	32	29
65°	20	21
75°	11	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	715.5
2.5°	712.1
5°	700.2
7.5°	681.4
10°	655.0
12.5°	622.5
15°	585.9
17.5°	544.9
20°	504.0
22.5°	462.2
25°	422.1
27.5°	383.8
30°	346.2
32.5°	310.4
35°	272.9
37.5°	232.8
40°	190.2
42.5°	148.4
45°	107.5
47.5°	70.8
50°	45.2
52.5°	35.0
55°	31.6
57.5°	29.0
60°	26.4
62.5°	23.9
65°	20.5
67.5°	17.9
70°	15.4
72.5°	12.8
75°	11.1
77.5°	8.5
80°	6.8
82.5°	5.1
85°	2.6
87.5°	1.7
90°	0.0

(END OF REPORT)