

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: P1277008

Luminaire Tested: P3AS20R709835D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1277008
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709835D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

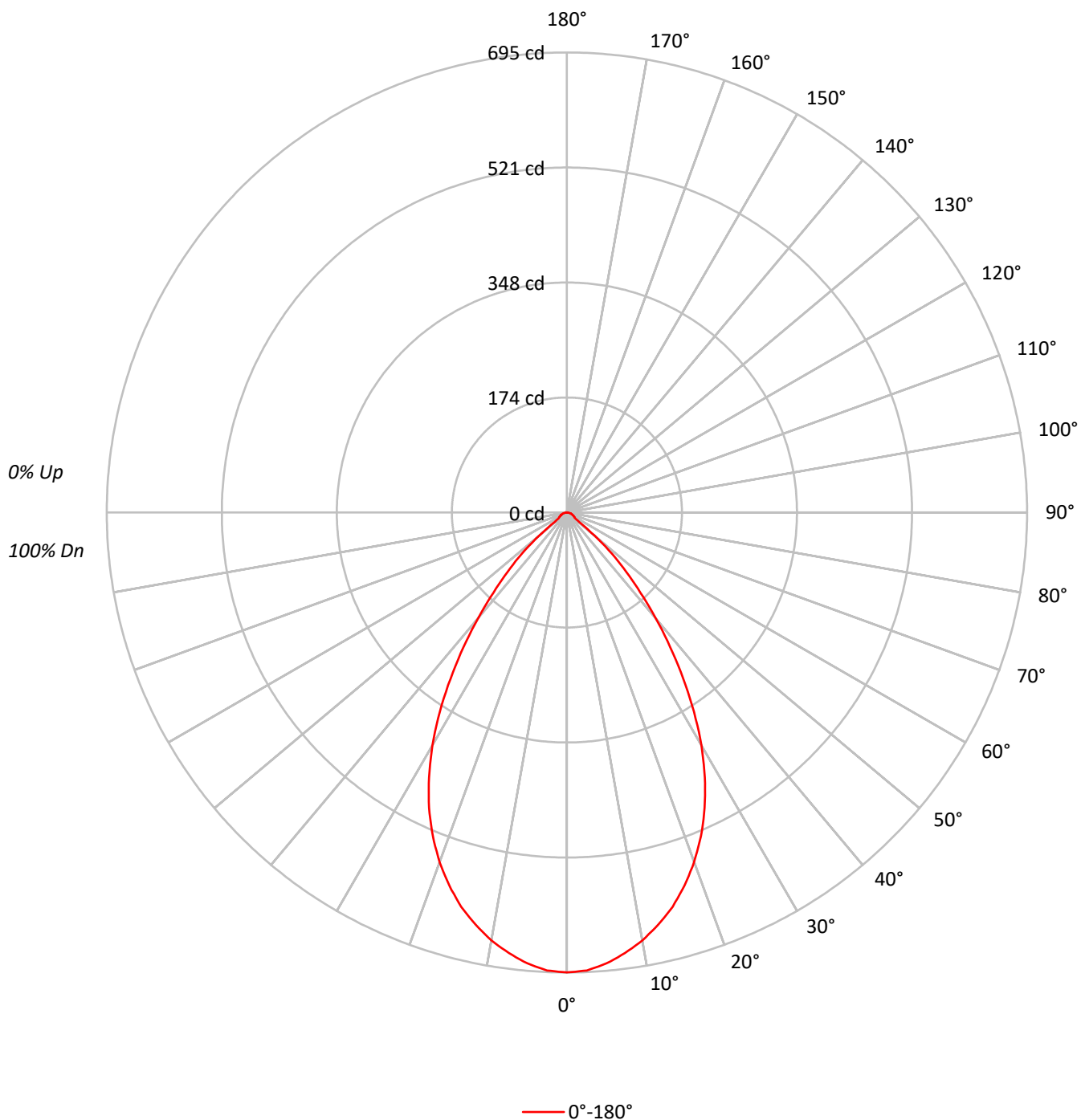
Lumens per Lamp: N/A
Luminaire Lumens: 787.0 lumens
Efficiency: N/A
Efficacy: 28.7 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	152356
5°	150539
10°	146179
15°	139978
20°	131121
25°	119136
30°	102902
35°	82021
40°	59740
45°	39260
50°	18387
55°	5658
60°	5482
65°	5292
70°	5001
75°	5338
80°	4925
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39260 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.4	8.2
10°-20°	172.6	21.9
20°-30°	224.3	28.5
30°-40°	190.3	24.2
40°-50°	98.1	12.5
50°-60°	18.9	2.4
60°-70°	10.3	1.3
70°-80°	6.3	0.8
80°-90°	1.8	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°	461.3	58.6
0°-40°	651.6	82.8
0°-60°	768.6	97.7
0°-90°	787.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	787.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	695	
5°	684	64
15°	617	173
25°	492	224
35°	306	190
45°	127	98
55°	15	19
65°	10	10
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	694.8
2.5°	692.5
5°	683.9
7.5°	671.4
10°	656.5
12.5°	637.7
15°	616.6
17.5°	590.9
20°	561.9
22.5°	529.1
25°	492.4
27.5°	451.0
30°	406.4
32.5°	357.2
35°	306.4
37.5°	256.3
40°	208.7
42.5°	164.1
45°	126.6
47.5°	93.0
50°	53.9
52.5°	23.4
55°	14.8
57.5°	14.1
60°	12.5
62.5°	11.7
65°	10.2
67.5°	9.4
70°	7.8
72.5°	7.0
75°	6.3
77.5°	4.7
80°	3.9
82.5°	2.3
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)