

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: P1260664

Luminaire Tested: P3AS20R259050D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260664
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: P3AS20R259050D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

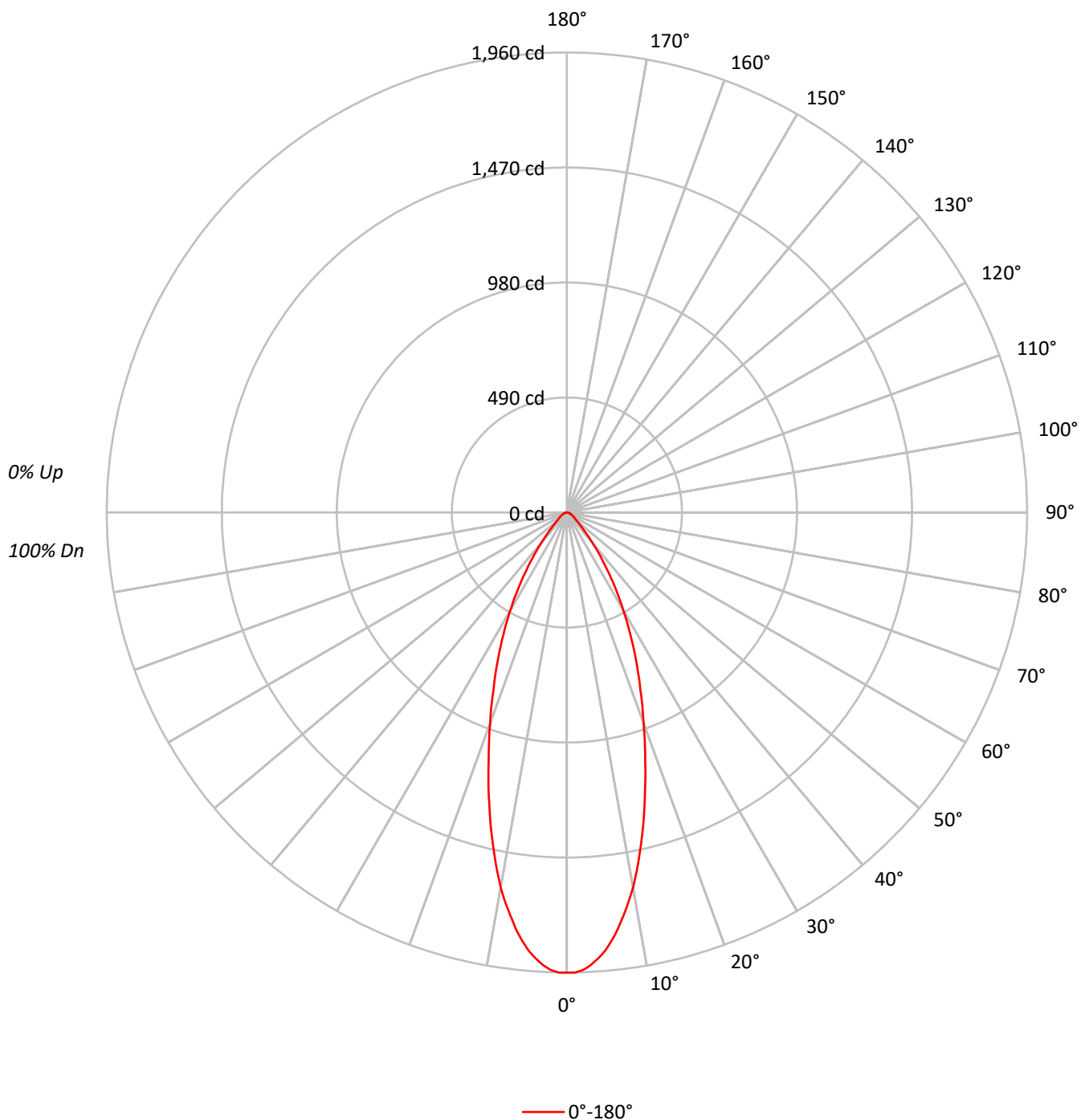
Lumens per Lamp: N/A
Luminaire Lumens: 1184.0 lumens
Efficiency: N/A
Efficacy: 41.1 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	429856
5°	412392
10°	361271
15°	290399
20°	223133
25°	168808
30°	121993
35°	81030
40°	49149
45°	28623
50°	18251
55°	14833
60°	12938
65°	11519
70°	9489
75°	9404
80°	6945
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28623 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.6	14.4
10°-20°	353.7	29.9
20°-30°	319.9	27.0
30°-40°	192.1	16.2
40°-50°	76.3	6.4
50°-60°	35.2	3.0
60°-70°	21.5	1.8
70°-80°	11.4	1.0
80°-90°	3.3	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°	844.2	71.3
0°-40°	1036.3	87.5
0°-60°	1147.8	96.9
0°-90°	1184.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1184.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1960	
5°	1874	171
15°	1279	354
25°	698	320
35°	303	192
45°	92	76
55°	39	35
65°	22	21
75°	11	11
85°	4	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1960.3
1°	1960.3
2°	1951.1
3°	1930.8
4°	1904.9
5°	1873.5
6°	1832.9
7°	1786.8
8°	1733.3
9°	1679.7
10°	1622.5
11°	1556.1
12°	1487.8
13°	1419.5
14°	1351.2
15°	1279.2
17.5°	1109.4
20°	956.2
22.5°	817.7
25°	697.7
27.5°	585.1
30°	481.8
32.5°	387.6
35°	302.7
37.5°	230.7
40°	171.7
42.5°	125.5
45°	92.3
47.5°	70.1
50°	53.5
52.5°	44.3
55°	38.8
57.5°	33.2
60°	29.5
62.5°	24.0
65°	22.2
67.5°	18.5
70°	14.8
72.5°	12.9
75°	11.1
77.5°	9.2
80°	5.5
82.5°	3.7
85°	3.7
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)