

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: P1252661

Luminaire Tested: P3AS20R259030D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252661
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: P3AS20R259030D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

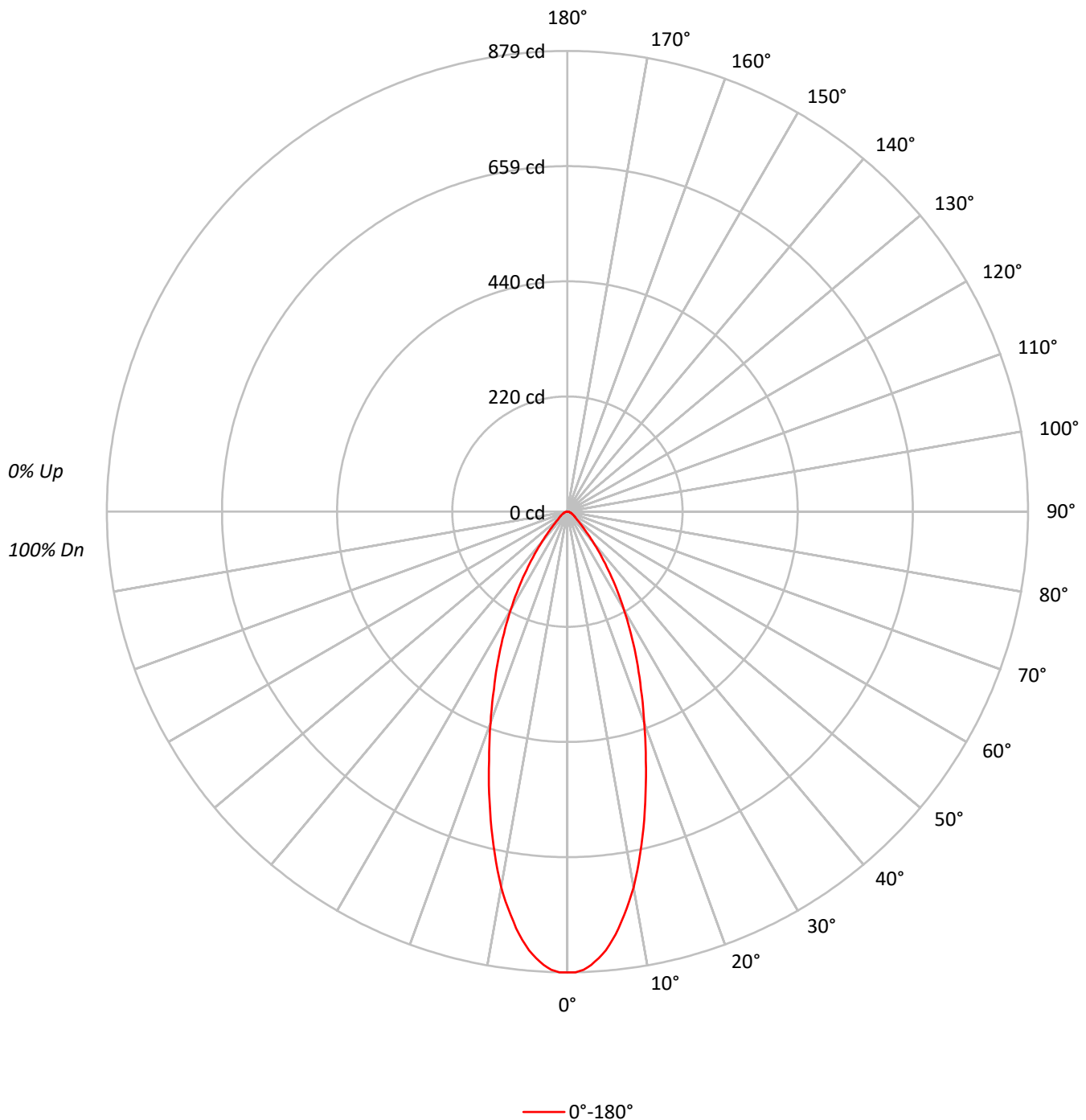
Lumens per Lamp: N/A
Luminaire Lumens: 531.0 lumens
Efficiency: N/A
Efficacy: 18.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	192792
5°	184943
10°	162032
15°	130239
20°	100062
25°	75706
30°	54717
35°	36353
40°	22041
45°	12839
50°	8187
55°	6652
60°	5789
65°	5137
70°	4231
75°	4236
80°	3157
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12839 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.5	14.4
10°-20°	158.6	29.9
20°-30°	143.5	27.0
30°-40°	86.2	16.2
40°-50°	34.2	6.4
50°-60°	15.8	3.0
60°-70°	9.6	1.8
70°-80°	5.1	1.0
80°-90°	1.5	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°	378.6	71.3
0°-40°	464.8	87.5
0°-60°	514.8	96.9
0°-90°	531.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	531.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	879	
5°	840	76
15°	574	159
25°	313	143
35°	136	86
45°	41	34
55°	17	16
65°	10	10
75°	5	5
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	879.2
1°	879.2
2°	875.0
3°	865.9
4°	854.3
5°	840.2
6°	822.0
7°	801.3
8°	777.3
9°	753.3
10°	727.7
11°	697.9
12°	667.2
13°	636.6
14°	606.0
15°	573.7
17.5°	497.5
20°	428.8
22.5°	366.7
25°	312.9
27.5°	262.4
30°	216.1
32.5°	173.8
35°	135.8
37.5°	103.5
40°	77.0
42.5°	56.3
45°	41.4
47.5°	31.5
50°	24.0
52.5°	19.9
55°	17.4
57.5°	14.9
60°	13.2
62.5°	10.8
65°	9.9
67.5°	8.3
70°	6.6
72.5°	5.8
75°	5.0
77.5°	4.1
80°	2.5
82.5°	1.7
85°	1.7
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)