

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: P1252721

Luminaire Tested: P3AS20R359030D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252721
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359030D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

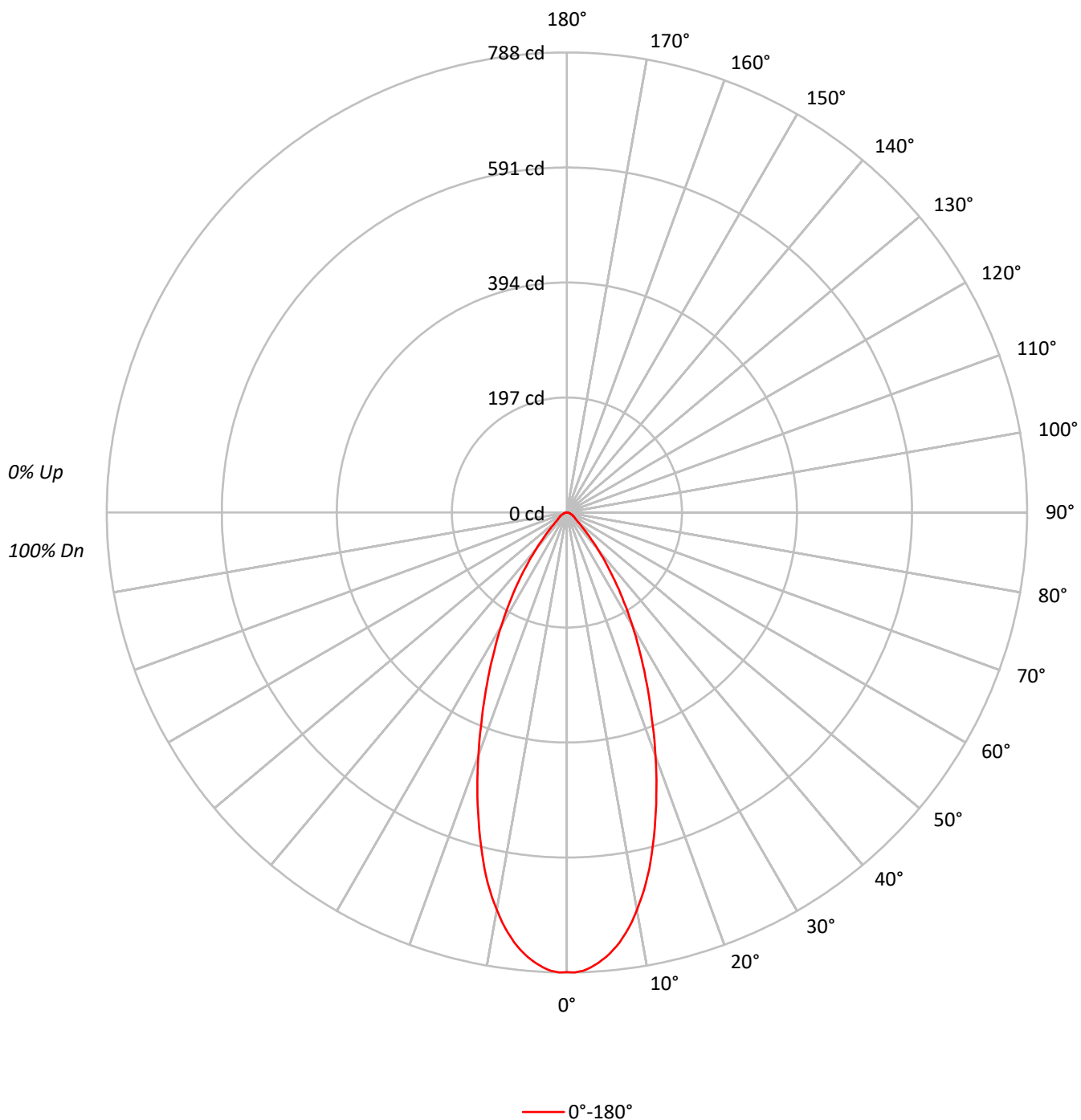
Lumens per Lamp: N/A
Luminaire Lumens: 537.0 lumens
Efficiency: N/A
Efficacy: 18.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172596
5°	168346
10°	153905
15°	130648
20°	103422
25°	78222
30°	56945
35°	38521
40°	23673
45°	13583
50°	8187
55°	6652
60°	5789
65°	5137
70°	4231
75°	4236
80°	4167
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13583 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.7	13.2
10°-20°	158.7	29.5
20°-30°	148.4	27.6
30°-40°	90.8	16.9
40°-50°	35.8	6.7
50°-60°	15.8	2.9
60°-70°	9.8	1.8
70°-80°	5.2	1.0
80°-90°	1.8	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°	377.7	70.3
0°-40°	468.6	87.3
0°-60°	520.2	96.9
0°-90°	537.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	537.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	787	
5°	765	71
15°	576	159
25°	323	148
35°	144	91
45°	44	36
55°	17	16
65°	10	10
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	787.1
1°	788.0
2°	785.5
3°	780.5
4°	773.1
5°	764.8
6°	754.1
7°	741.7
8°	726.8
9°	710.3
10°	691.2
11°	671.4
12°	649.9
13°	626.7
14°	601.1
15°	575.5
17.5°	509.3
20°	443.2
22.5°	379.5
25°	323.3
27.5°	271.2
30°	224.9
32.5°	181.9
35°	143.9
37.5°	110.0
40°	82.7
42.5°	59.5
45°	43.8
47.5°	31.4
50°	24.0
52.5°	19.8
55°	17.4
57.5°	14.9
60°	13.2
62.5°	11.6
65°	9.9
67.5°	8.3
70°	6.6
72.5°	5.8
75°	5.0
77.5°	4.1
80°	3.3
82.5°	2.5
85°	1.7
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)