

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: P1274748

Luminaire Tested: P3AS20R359830D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274748
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: P3AS20R359830D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

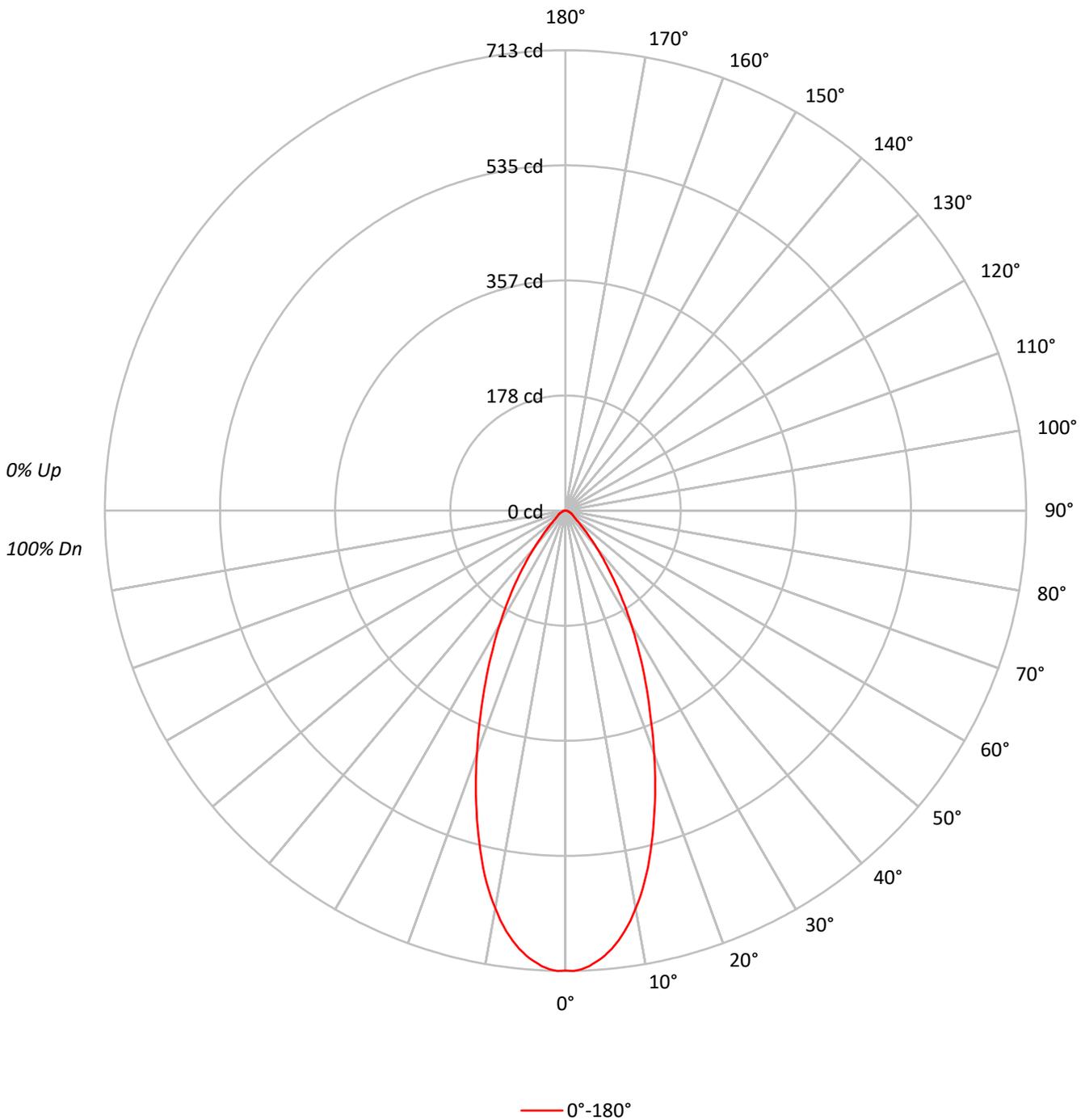
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 486.0 lumens
Efficiency: N/A
Efficacy: 17.7 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): 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			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	102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	95	95	95	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	87	87	87	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	81	81	81	80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	76	76	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	71	71	71	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	66	66	66	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	62	62	62	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	59	59	59	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	56	56	56	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	53	53	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	156216
5°	152366
10°	139298
15°	118230
20°	93598
25°	70794
30°	51527
35°	34854
40°	21412
45°	12311
50°	7403
55°	6002
60°	5263
65°	4670
70°	3847
75°	3813
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12311 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.0	13.2
10°-20°	143.6	29.5
20°-30°	134.3	27.6
30°-40°	82.2	16.9
40°-50°	32.4	6.7
50°-60°	14.3	2.9
60°-70°	8.9	1.8
70°-80°	4.7	1.0
80°-90°	1.6	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°	341.9	70.3
0°-40°	424.1	87.3
0°-60°	470.8	96.9
0°-90°	486.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	486.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	712	
5°	692	64
15°	521	144
25°	293	134
35°	130	82
45°	40	32
55°	16	14
65°	9	9
75°	4	5
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	712.4
1°	713.1
2°	710.9
3°	706.4
4°	699.7
5°	692.2
6°	682.5
7°	671.2
8°	657.8
9°	642.8
10°	625.6
11°	607.6
12°	588.2
13°	567.2
14°	544.0
15°	520.8
17.5°	461.0
20°	401.1
22.5°	343.5
25°	292.6
27.5°	245.4
30°	203.5
32.5°	164.6
35°	130.2
37.5°	99.5
40°	74.8
42.5°	53.9
45°	39.7
47.5°	28.4
50°	21.7
52.5°	18.0
55°	15.7
57.5°	13.5
60°	12.0
62.5°	10.5
65°	9.0
67.5°	7.5
70°	6.0
72.5°	5.2
75°	4.5
77.5°	3.7
80°	3.0
82.5°	2.2
85°	1.5
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)