

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: P1265795

Luminaire Tested: P3A20R309730D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265795
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R309730D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

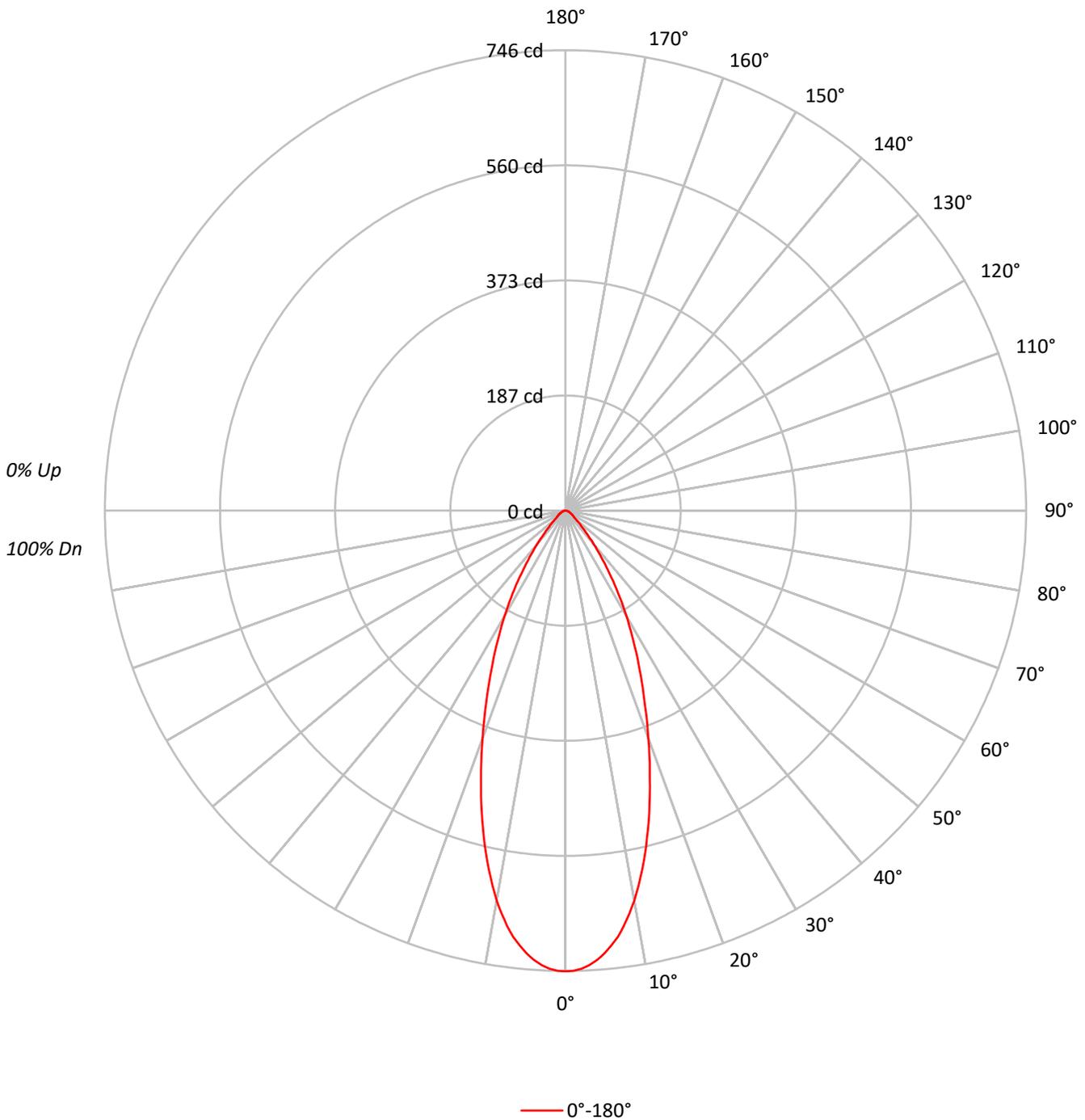
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 479.0 lumens
Efficiency: N/A
Efficacy: 16.6 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
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				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	100	100	100	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74	74	74	74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70	70	70	70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65	65	65	65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61	61	61	61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58	58	58	58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55	55	55	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	163693
5°	158595
10°	142883
15°	118207
20°	91521
25°	68641
30°	49830
35°	33194
40°	20410
45°	11970
50°	7335
55°	5964
60°	5219
65°	4255
70°	3783
75°	3813
80°	2778
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11970 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.3	13.8
10°-20°	143.4	29.9
20°-30°	130.5	27.2
30°-40°	78.9	16.5
40°-50°	31.6	6.6
50°-60°	14.0	2.9
60°-70°	8.5	1.8
70°-80°	4.6	1.0
80°-90°	1.3	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°	340.1	71.0
0°-40°	419.0	87.5
0°-60°	464.6	97.0
0°-90°	479.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	479.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	746	
5°	720	66
15°	521	143
25°	284	130
35°	124	79
45°	39	32
55°	16	14
65°	8	8
75°	4	5
85°	2	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	746.5
1°	745.7
2°	742.7
3°	737.5
4°	730.1
5°	720.5
6°	708.6
7°	695.9
8°	679.6
9°	661.0
10°	641.7
11°	619.4
12°	595.7
13°	571.9
14°	545.9
15°	520.7
17.5°	454.6
20°	392.2
22.5°	334.2
25°	283.7
27.5°	237.7
30°	196.8
32.5°	158.9
35°	124.0
37.5°	95.1
40°	71.3
42.5°	52.0
45°	38.6
47.5°	29.0
50°	21.5
52.5°	17.1
55°	15.6
57.5°	13.4
60°	11.9
62.5°	9.7
65°	8.2
67.5°	7.4
70°	5.9
72.5°	5.2
75°	4.5
77.5°	3.7
80°	2.2
82.5°	1.5
85°	1.5
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)