

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: P1247592

Luminaire Tested: P3A20R259024D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247592
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: P3A20R259024D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

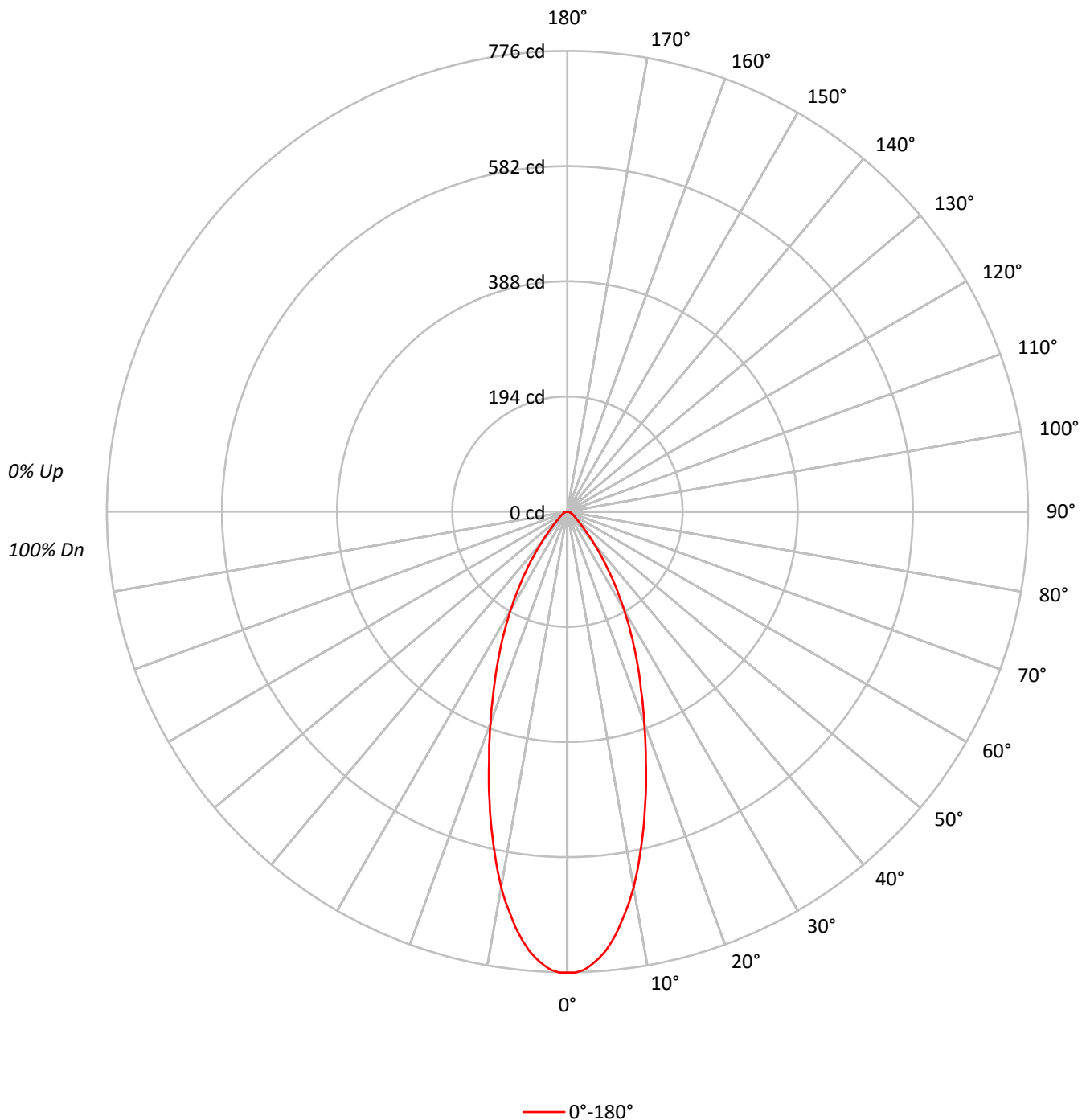
Lumens per Lamp: N/A
Luminaire Lumens: 469.0 lumens
Efficiency: N/A
Efficacy: 16.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	170271
5°	163350
10°	143106
15°	115029
20°	88371
25°	66875
30°	48311
35°	32096
40°	19465
45°	11350
50°	7232
55°	5887
60°	5131
65°	4566
70°	3719
75°	3728
80°	2778
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11350 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.6	14.4
10°-20°	140.1	29.9
20°-30°	126.7	27.0
30°-40°	76.1	16.2
40°-50°	30.2	6.4
50°-60°	14.0	3.0
60°-70°	8.5	1.8
70°-80°	4.5	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°	334.4	71.3
0°-40°	410.5	87.5
0°-60°	454.7	96.9
0°-90°	469.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	469.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	776	
5°	742	68
15°	507	140
25°	276	127
35°	120	76
45°	37	30
55°	15	14
65°	9	8
75°	4	5
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	776.5
1°	776.5
2°	772.9
3°	764.8
4°	754.6
5°	742.1
6°	726.1
7°	707.8
8°	686.6
9°	665.4
10°	642.7
11°	616.4
12°	589.3
13°	562.3
14°	535.2
15°	506.7
17.5°	439.4
20°	378.7
22.5°	323.9
25°	276.4
27.5°	231.8
30°	190.8
32.5°	153.5
35°	119.9
37.5°	91.4
40°	68.0
42.5°	49.7
45°	36.6
47.5°	27.8
50°	21.2
52.5°	17.5
55°	15.4
57.5°	13.2
60°	11.7
62.5°	9.5
65°	8.8
67.5°	7.3
70°	5.8
72.5°	5.1
75°	4.4
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):



(END OF REPORT)