

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: P1247539

Luminaire Tested: P3A20R159024D010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247539
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R159024D010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

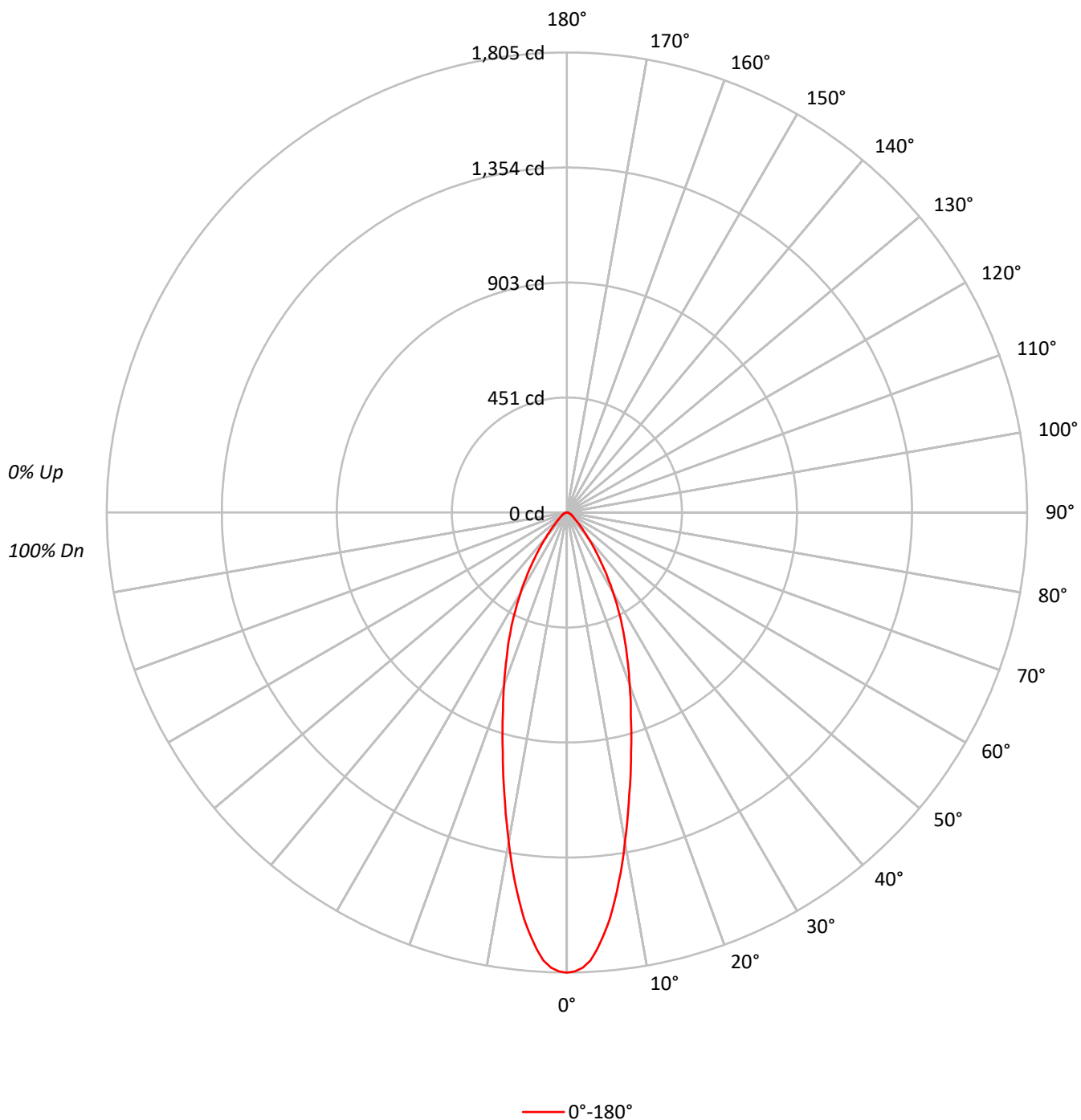
Lumens per Lamp: N/A
Luminaire Lumens: 918.0 lumens
Efficiency: N/A
Efficacy: 31.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	395867
5°	365881
10°	292090
15°	220660
20°	168015
25°	128040
30°	91710
35°	59856
40°	36697
45°	22204
50°	14737
55°	11393
60°	9824
65°	8509
70°	7629
75°	7540
80°	5683
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22204 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.2	16.0
10°-20°	271.7	29.6
20°-30°	241.9	26.3
30°-40°	143.1	15.6
40°-50°	58.7	6.4
50°-60°	27.6	3.0
60°-70°	16.8	1.8
70°-80°	8.8	1.0
80°-90°	2.2	0.2
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°	660.8	72.0
0°-40°	803.9	87.6
0°-60°	890.2	97.0
0°-90°	918.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	918.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1805	
5°	1662	147
15°	972	272
25°	529	242
35°	224	143
45°	72	59
55°	30	28
65°	16	17
75°	9	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1805.3
1°	1800.8
2°	1787.4
3°	1760.6
4°	1715.8
5°	1662.2
6°	1604.0
7°	1535.5
8°	1463.9
9°	1390.9
10°	1311.8
12.5°	1131.5
15°	972.0
17.5°	834.8
20°	720.0
22.5°	618.7
25°	529.2
27.5°	442.7
30°	362.2
32.5°	289.2
35°	223.6
37.5°	171.4
40°	128.2
42.5°	95.4
45°	71.6
47.5°	55.2
50°	43.2
52.5°	35.8
55°	29.8
57.5°	25.3
60°	22.4
62.5°	19.4
65°	16.4
67.5°	14.9
70°	11.9
72.5°	10.4
75°	8.9
77.5°	6.0
80°	4.5
82.5°	3.0
85°	1.5
87.5°	1.5
90°	0.0

(END OF REPORT)