

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: P1260619

Luminaire Tested: P3AS20R159050D010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260619
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: P3AS20R159050D010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

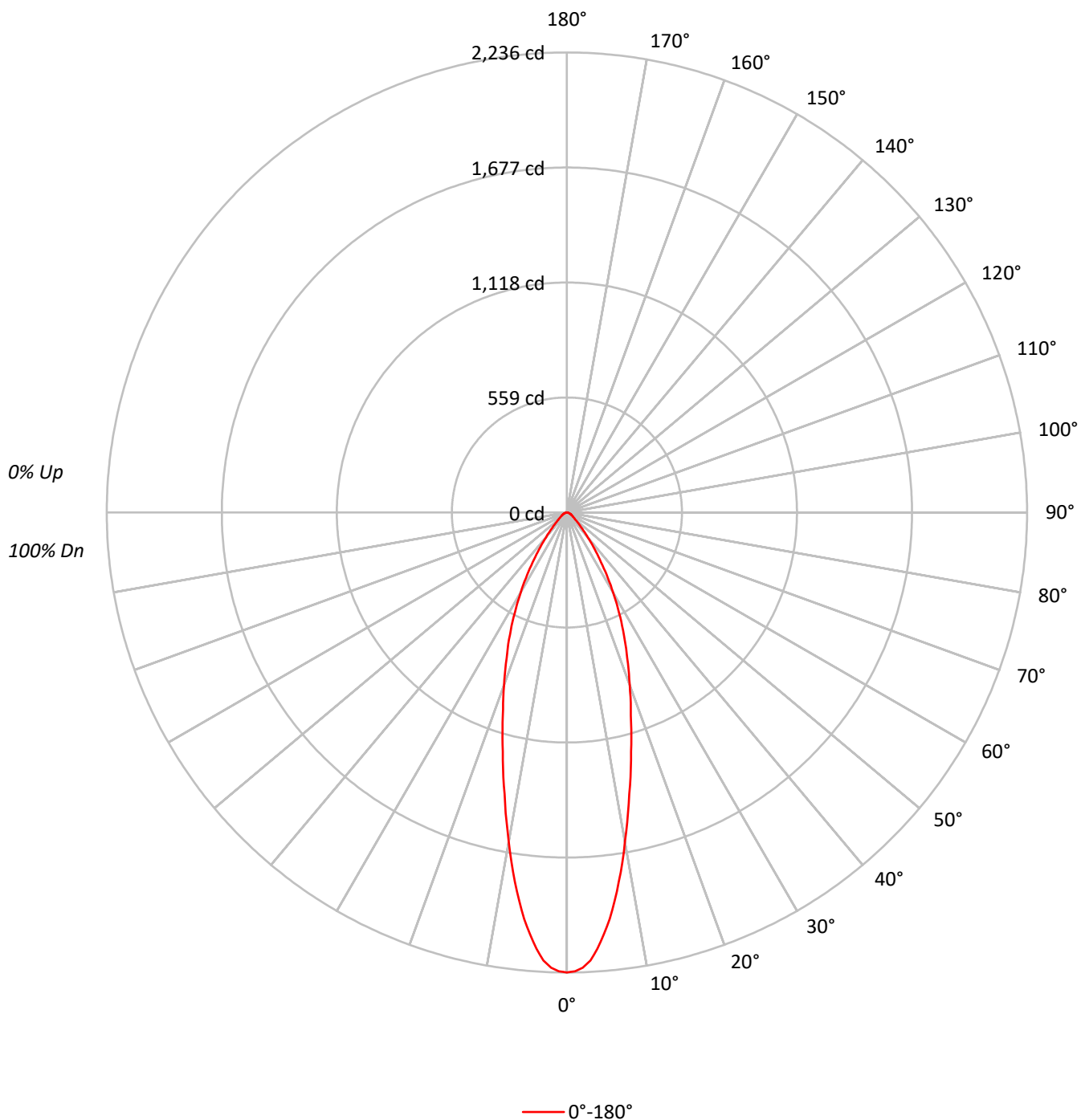
Lumens per Lamp: N/A
Luminaire Lumens: 1137.0 lumens
Efficiency: N/A
Efficacy: 39.5 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	490290
5°	453158
10°	361784
15°	273282
20°	208105
25°	158598
30°	113612
35°	74151
40°	45457
45°	27476
50°	18251
55°	14107
60°	12148
65°	10533
70°	9489
75°	9404
80°	6945
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27476 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.4	16.0
10°-20°	336.5	29.6
20°-30°	299.6	26.3
30°-40°	177.2	15.6
40°-50°	72.7	6.4
50°-60°	34.1	3.0
60°-70°	20.8	1.8
70°-80°	11.0	1.0
80°-90°	2.7	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°	818.4	72.0
0°-40°	995.7	87.6
0°-60°	1102.5	97.0
0°-90°	1137.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1137.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2236	
5°	2059	182
15°	1204	336
25°	656	300
35°	277	177
45°	89	73
55°	37	34
65°	20	21
75°	11	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2235.9
1°	2230.4
2°	2213.8
3°	2180.6
4°	2125.2
5°	2058.7
6°	1986.7
7°	1901.8
8°	1813.1
9°	1722.7
10°	1624.8
12.5°	1401.4
15°	1203.8
17.5°	1034.0
20°	891.8
22.5°	766.2
25°	655.5
27.5°	548.4
30°	448.7
32.5°	358.2
35°	277.0
37.5°	212.3
40°	158.8
42.5°	118.2
45°	88.6
47.5°	68.3
50°	53.5
52.5°	44.3
55°	36.9
57.5°	31.4
60°	27.7
62.5°	24.0
65°	20.3
67.5°	18.5
70°	14.8
72.5°	12.9
75°	11.1
77.5°	7.4
80°	5.5
82.5°	3.7
85°	1.8
87.5°	1.8
90°	0.0

(END OF REPORT)