

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: P1276853

Luminaire Tested: P3AS20R409835D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276853
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409835D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

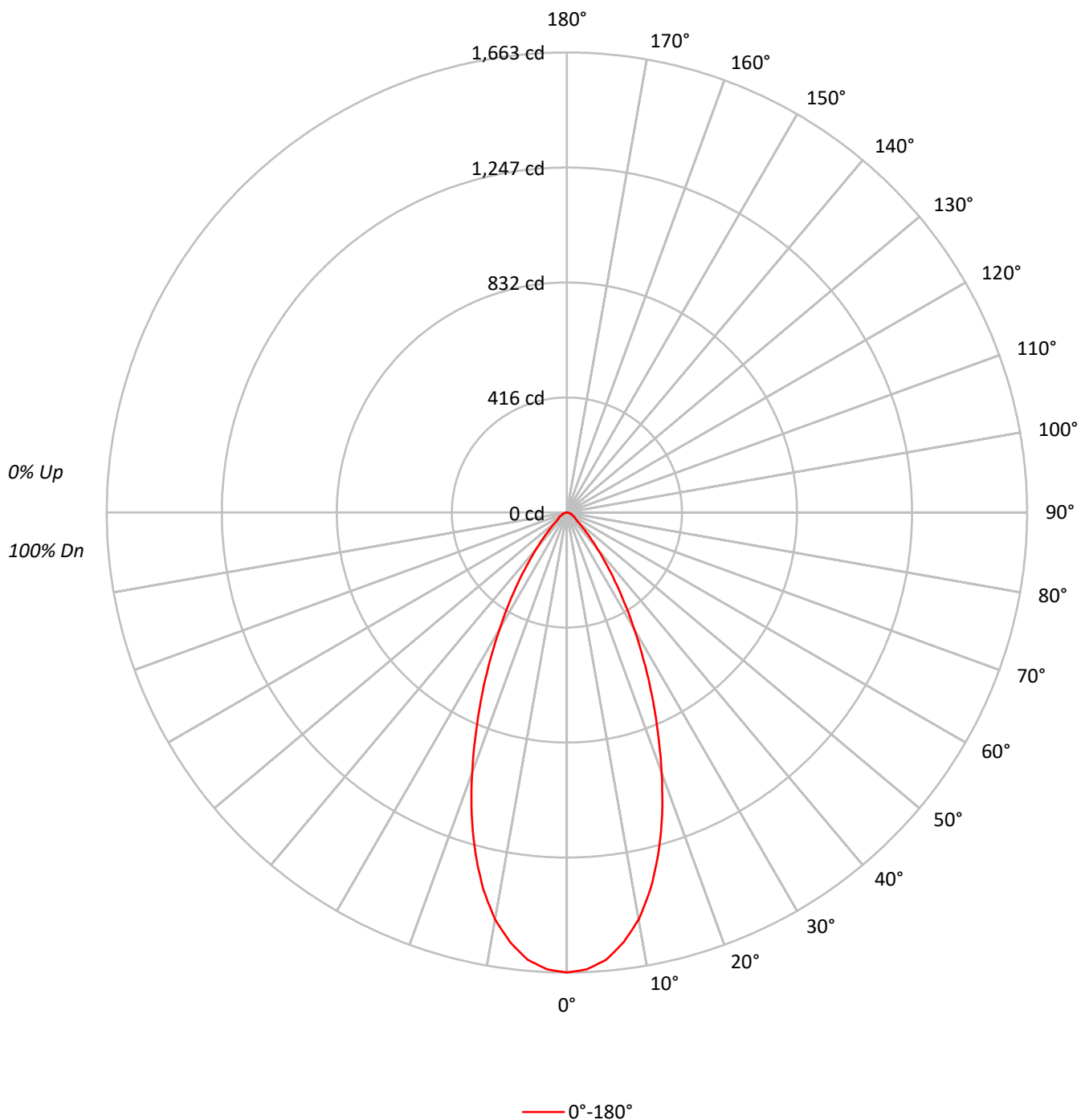
Lumens per Lamp: N/A
Luminaire Lumens: 1171.0 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	364620
5°	357252
10°	332615
15°	289900
20°	233634
25°	175123
30°	123108
35°	80656
40°	48834
45°	29181
50°	17398
55°	14031
60°	12587
65°	10740
70°	10194
75°	8133
80°	8082
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 29181 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.7	12.9
10°-20°	351.7	30.0
20°-30°	331.4	28.3
30°-40°	191.7	16.4
40°-50°	76.4	6.5
50°-60°	33.8	2.9
60°-70°	20.9	1.8
70°-80°	11.0	0.9
80°-90°	3.5	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°	833.9	71.2
0°-40°	1025.5	87.6
0°-60°	1135.7	97.0
0°-90°	1171.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1171.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1663	
5°	1623	151
15°	1277	352
25°	724	331
35°	301	192
45°	94	76
55°	37	34
65°	21	21
75°	10	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1662.8
2.5°	1653.2
5°	1623.0
7.5°	1567.2
10°	1493.8
12.5°	1395.0
15°	1277.0
17.5°	1144.7
20°	1001.2
22.5°	857.7
25°	723.8
27.5°	599.4
30°	486.2
32.5°	387.4
35°	301.3
37.5°	228.0
40°	170.6
42.5°	127.5
45°	94.1
47.5°	68.6
50°	51.0
52.5°	41.5
55°	36.7
57.5°	33.5
60°	28.7
62.5°	23.9
65°	20.7
67.5°	17.5
70°	15.9
72.5°	12.8
75°	9.6
77.5°	8.0
80°	6.4
82.5°	4.8
85°	3.2
87.5°	1.6
90°	0.0

(END OF REPORT)