

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: P1276909

Luminaire Tested: P3AS20R509835D010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276909
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R509835D010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 98CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

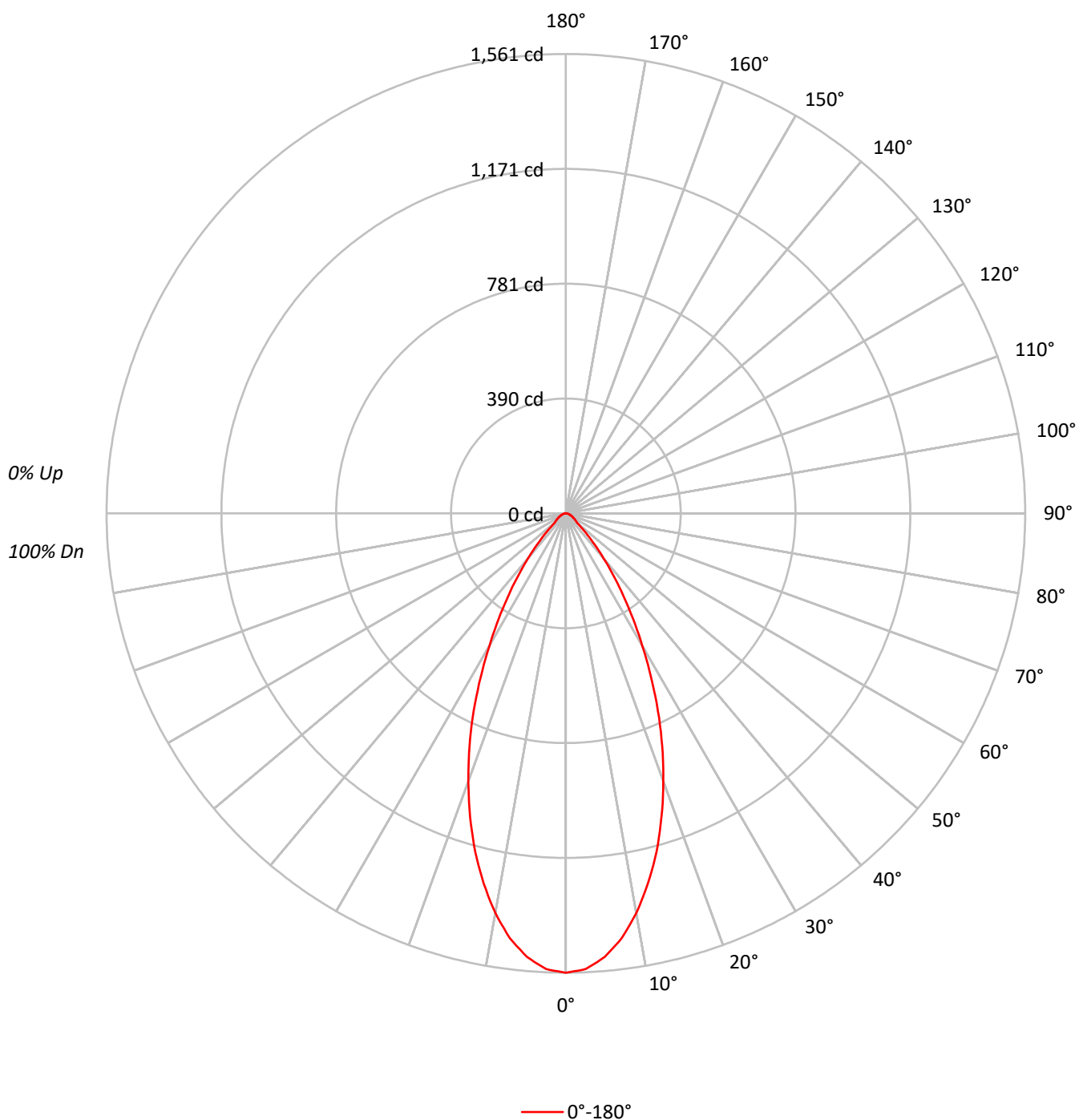
Lumens per Lamp: N/A
Luminaire Lumens: 1177.0 lumens
Efficiency: N/A
Efficacy: 43.0 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1276909

CATALOG NUMBER: P3AS20R509835D010 E3DLP1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1276909

CATALOG NUMBER: P3AS20R509835D010 E3DLP1WMH

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	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	342319
5°	333105
10°	307164
15°	270149
20°	226003
25°	179212
30°	131489
35°	90400
40°	57450
45°	32096
50°	17398
55°	14604
60°	12587
65°	11571
70°	10194
75°	9489
80°	8082
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32096 cd/sqm

TEST NUMBER: P1276909

CATALOG NUMBER: P3AS20R509835D010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.2	11.9
10°-20°	329.6	28.0
20°-30°	337.1	28.6
30°-40°	213.7	18.2
40°-50°	85.0	7.2
50°-60°	34.5	2.9
60°-70°	22.1	1.9
70°-80°	11.3	1.0
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°	806.8	68.6
0°-40°	1020.6	86.7
0°-60°	1140.1	96.9
0°-90°	1177.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1177.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1561	
5°	1513	140
15°	1190	330
25°	741	337
35°	338	214
45°	104	85
55°	38	34
65°	22	22
75°	11	11
85°	3	3
90°	0	

TEST NUMBER: P1276909

CATALOG NUMBER: P3AS20R509835D010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1561.1
2.5°	1550.0
5°	1513.3
7.5°	1456.0
10°	1379.5
12.5°	1288.7
15°	1190.0
17.5°	1081.6
20°	968.5
22.5°	855.4
25°	740.7
27.5°	626.0
30°	519.3
32.5°	423.7
35°	337.7
37.5°	264.4
40°	200.7
42.5°	148.1
45°	103.5
47.5°	70.1
50°	51.0
52.5°	43.0
55°	38.2
57.5°	33.5
60°	28.7
62.5°	25.5
65°	22.3
67.5°	19.1
70°	15.9
72.5°	12.7
75°	11.2
77.5°	8.0
80°	6.4
82.5°	4.8
85°	3.2
87.5°	1.6
90°	0.0

(END OF REPORT)