

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: P1276953

Luminaire Tested: P3AS20R609835D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276953
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609835D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

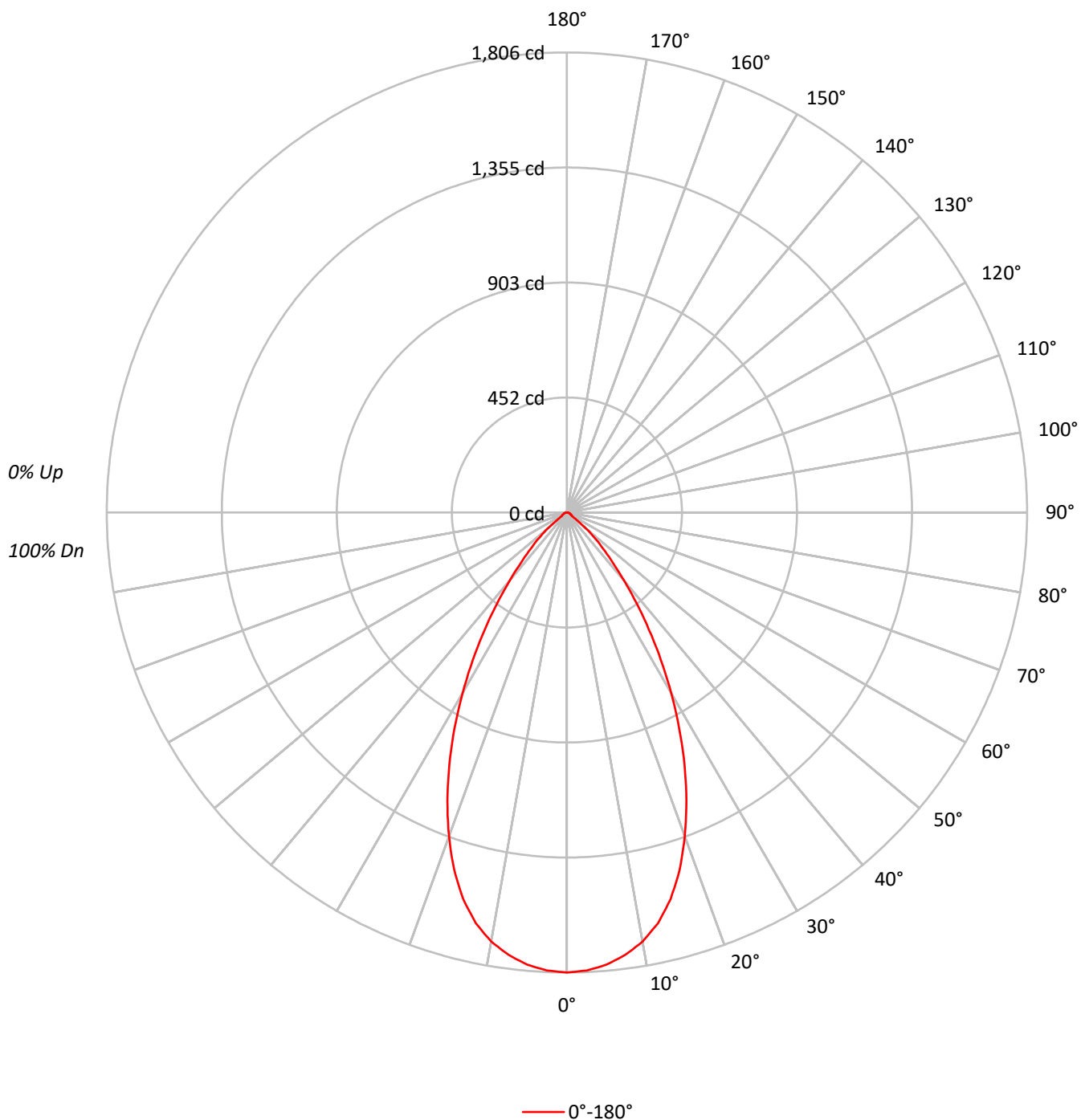
Lumens per Lamp: N/A
Luminaire Lumens: 1677.0 lumens
Efficiency: N/A
Efficacy: 61.2 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276953

CATALOG NUMBER: P3AS20R609835D010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1276953

CATALOG NUMBER: P3AS20R609835D010 E3DL1MW

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	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	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	395999
5°	392251
10°	380799
15°	356778
20°	315774
25°	264160
30°	207045
35°	150175
40°	99930
45°	62270
50°	33705
55°	9749
60°	9078
65°	8250
70°	8207
75°	8133
80°	8082
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 62270 cd/sqm

TEST NUMBER: P1276953

CATALOG NUMBER: P3AS20R609835D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.8	10.0
10°-20°	436.0	26.0
20°-30°	497.0	29.6
30°-40°	352.4	21.0
40°-50°	159.9	9.5
50°-60°	33.9	2.0
60°-70°	16.3	1.0
70°-80°	10.1	0.6
80°-90°	3.5	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°	1100.8	65.6
0°-40°	1453.2	86.7
0°-60°	1647.1	98.2
0°-90°	1677.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1677.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1806	
5°	1782	168
15°	1572	436
25°	1092	497
35°	561	352
45°	201	160
55°	26	34
65°	16	16
75°	10	10
85°	3	3
90°	0	

TEST NUMBER: P1276953

CATALOG NUMBER: P3AS20R609835D010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1805.9
2.5°	1799.5
5°	1782.0
7.5°	1751.7
10°	1710.2
12.5°	1651.3
15°	1571.6
17.5°	1471.2
20°	1353.2
22.5°	1225.7
25°	1091.8
27.5°	954.7
30°	817.7
32.5°	687.0
35°	561.0
37.5°	449.5
40°	349.1
42.5°	264.6
45°	200.8
47.5°	149.8
50°	98.8
52.5°	46.2
55°	25.5
57.5°	22.3
60°	20.7
62.5°	19.1
65°	15.9
67.5°	14.3
70°	12.8
72.5°	11.2
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)