

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: P1274874

Luminaire Tested: P3AS20R609830D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274874
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609830D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

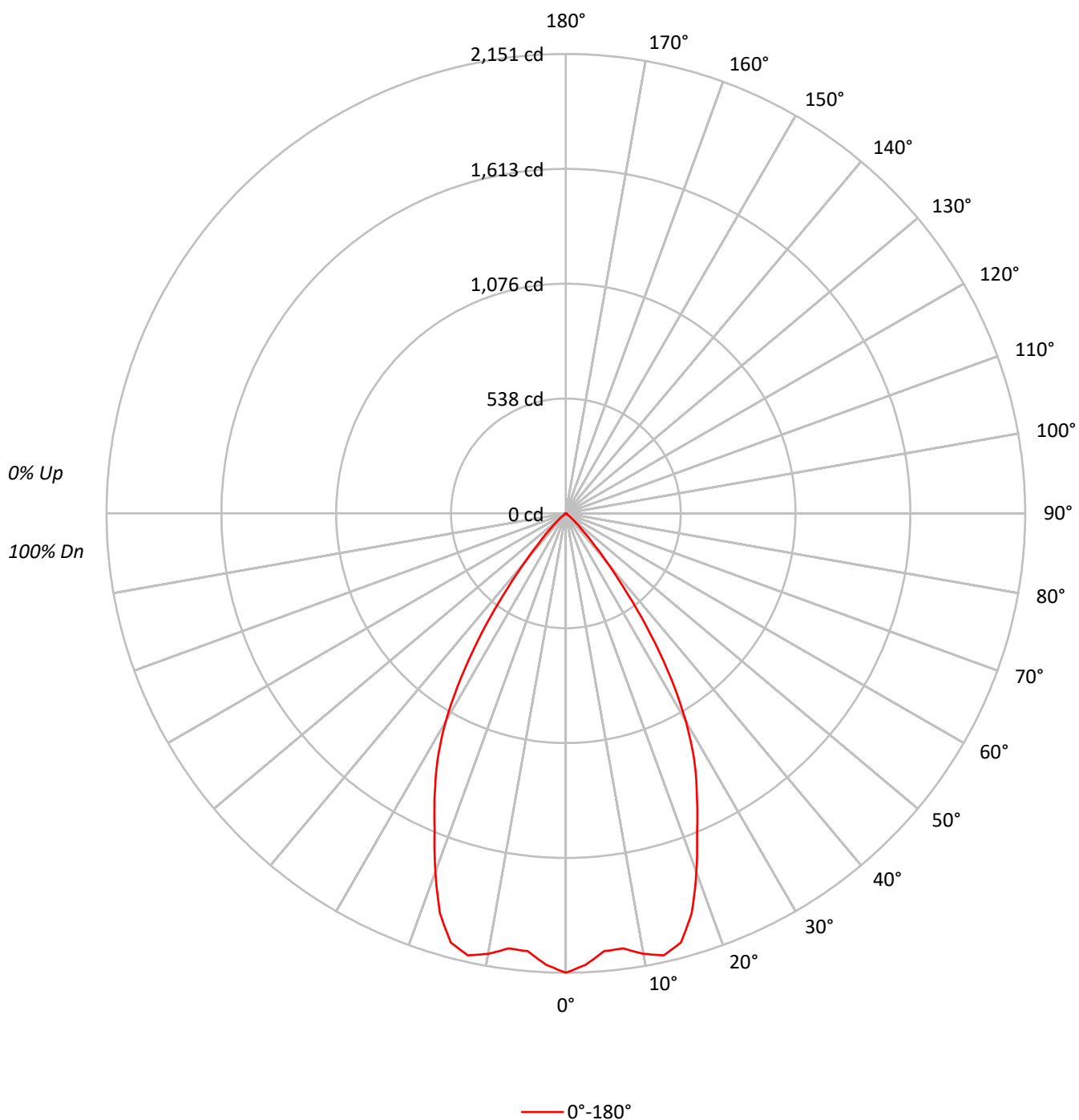
Lumens per Lamp: N/A
Luminaire Lumens: 1975.0 lumens
Efficiency: N/A
Efficacy: 72.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1274874

CATALOG NUMBER: P3AS20R609830D010 E3CD1MW

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	114	111	108	106	111	109	106	104	105	103	101		101	100	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79
6	88	79	73	69	87	79	73	69	77	72	68		76	71	68		74
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	471629
5°	452915
10°	466302
15°	472307
20°	417050
25°	351480
30°	285057
35°	185645
40°	85274
45°	32686
50°	10951
55°	2906
60°	2675
65°	2387
70°	1988
75°	2626
80°	1894
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32686 cd/sqm

TEST NUMBER: P1274874

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.0	10.0
10°-20°	569.7	28.8
20°-30°	664.5	33.6
30°-40°	428.8	21.7
40°-50°	96.1	4.9
50°-60°	9.6	0.5
60°-70°	4.6	0.2
70°-80°	2.6	0.1
80°-90°	1.0	0.1
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°	1432.3	72.5
0°-40°	1861.1	94.2
0°-60°	1966.8	99.6
0°-90°	1975.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1975.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2151	
5°	2058	198
15°	2080	570
25°	1453	665
35°	694	429
45°	105	96
55°	8	10
65°	5	5
75°	3	3
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2150.8
2.5°	2115.6
5°	2057.6
7.5°	2054.5
10°	2094.2
12.5°	2120.2
15°	2080.5
17.5°	1961.3
20°	1787.2
22.5°	1605.4
25°	1452.7
27.5°	1303.0
30°	1125.8
32.5°	918.0
35°	693.5
37.5°	473.5
40°	297.9
42.5°	178.7
45°	105.4
47.5°	61.1
50°	32.1
52.5°	10.7
55°	7.6
57.5°	6.1
60°	6.1
62.5°	4.6
65°	4.6
67.5°	4.6
70°	3.1
72.5°	3.1
75°	3.1
77.5°	1.5
80°	1.5
82.5°	1.5
85°	1.5
87.5°	0.0
90°	0.0

(END OF REPORT)