

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: P1274656

Luminaire Tested: P3AS20R209830D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274656
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R209830D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

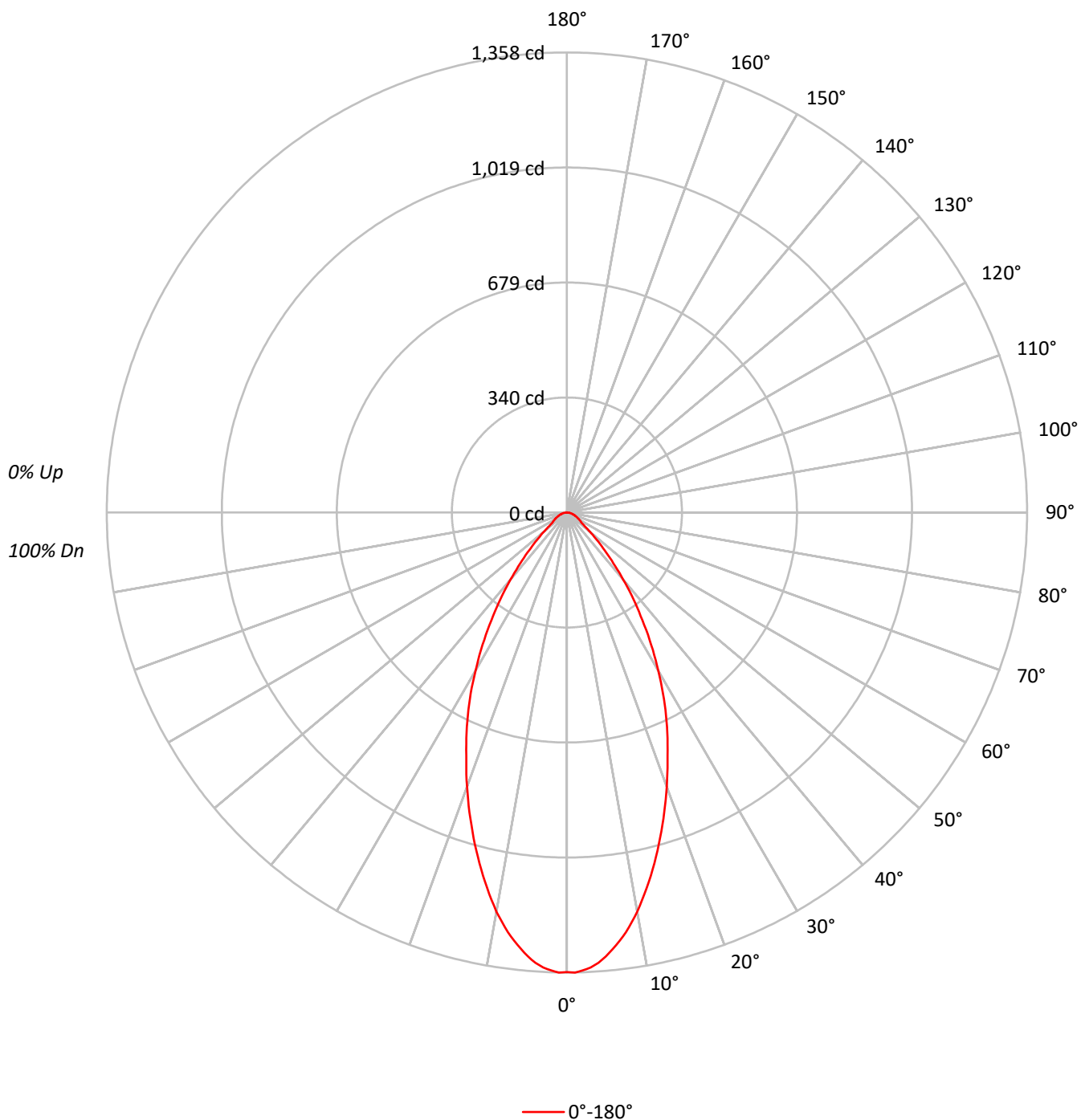
Lumens per Lamp: N/A
Luminaire Lumens: 1203.0 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1274656

CATALOG NUMBER: P3AS20R209830D010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1274656

CATALOG NUMBER: P3AS20R209830D010 E3DLD1H

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83		
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76		
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65		
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60		
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55		
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52		
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48		
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	297564
5°	289610
10°	266417
15°	234508
20°	201127
25°	168978
30°	136578
35°	103891
40°	73939
45°	48811
50°	30225
55°	19880
60°	18113
65°	16655
70°	15708
75°	14234
80°	13512
85°	11573

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48811 cd/sqm

TEST NUMBER: P1274656

CATALOG NUMBER: P3AS20R209830D010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.7	10.1
10°-20°	287.6	23.9
20°-30°	319.2	26.5
30°-40°	243.5	20.2
40°-50°	124.7	10.4
50°-60°	51.2	4.3
60°-70°	32.0	2.7
70°-80°	18.0	1.5
80°-90°	5.2	0.4
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°	728.5	60.6
0°-40°	972.0	80.8
0°-60°	1147.9	95.4
0°-90°	1203.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1203.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1357	
5°	1316	122
15°	1033	288
25°	698	319
35°	388	243
45°	157	125
55°	52	51
65°	32	32
75°	17	18
85°	5	5
90°	0	

TEST NUMBER: P1274656

CATALOG NUMBER: P3AS20R209830D010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1357.0
1°	1358.5
2°	1352.4
3°	1344.8
4°	1332.5
5°	1315.7
6°	1295.9
7°	1274.5
8°	1251.6
9°	1224.0
10°	1196.5
12.5°	1117.1
15°	1033.0
17.5°	947.5
20°	861.9
22.5°	776.3
25°	698.4
27.5°	620.4
30°	539.4
32.5°	463.0
35°	388.1
37.5°	322.4
40°	258.3
42.5°	203.2
45°	157.4
47.5°	119.2
50°	88.6
52.5°	65.7
55°	52.0
57.5°	47.4
60°	41.3
62.5°	36.7
65°	32.1
67.5°	27.5
70°	24.5
72.5°	19.9
75°	16.8
77.5°	13.8
80°	10.7
82.5°	7.6
85°	4.6
87.5°	1.5
90°	0.0

(END OF REPORT)