

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: P1276817

Luminaire Tested: P3AS20R359835D010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276817
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359835D010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

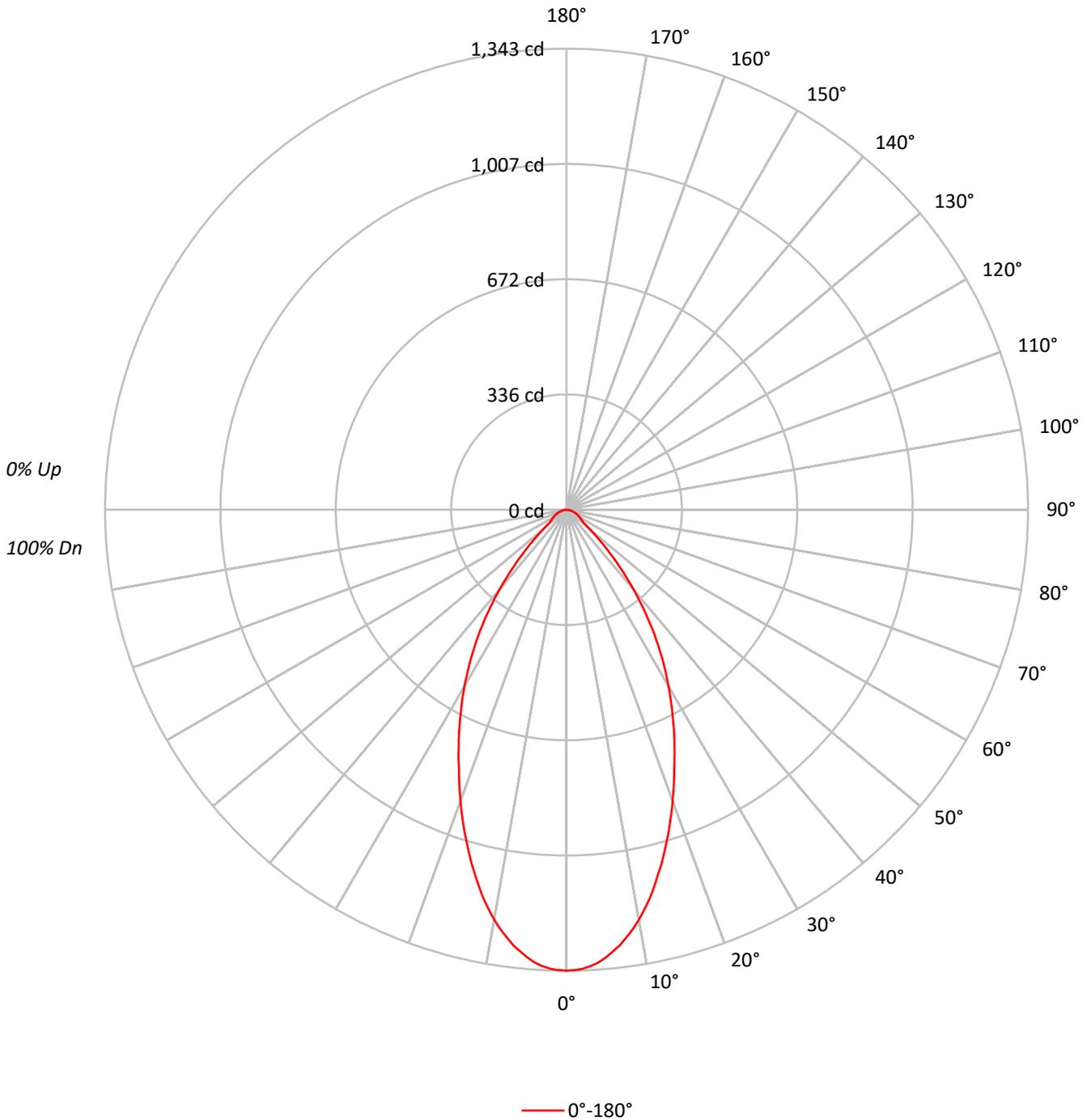
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1289.0 lumens
Efficiency: N/A
Efficacy: 47.0 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 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 (A_{in}): 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: P1276817
CATALOG NUMBER: P3AS20R359835D010 E3DLD1WMH

Luminous Intensity Polar Plot





TEST NUMBER: P1276817
 CATALOG NUMBER: P3AS20R359835D010 E3DLD1WMH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	294450
5°	288201
10°	269913
15°	242272
20°	210765
25°	179599
30°	150428
35°	119819
40°	86619
45°	54827
50°	29884
55°	20721
60°	19560
65°	18160
70°	17375
75°	14827
80°	14143
85°	12077

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 54827 cd/sqm



TEST NUMBER: P1276817
 CATALOG NUMBER: P3AS20R359835D010 E3DLD1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.9	9.5
10°-20°	297.0	23.0
20°-30°	340.3	26.4
30°-40°	277.7	21.5
40°-50°	140.0	10.9
50°-60°	52.0	4.0
60°-70°	34.9	2.7
70°-80°	19.3	1.5
80°-90°	5.9	0.5
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°	759.2	58.9
0°-40°	1036.9	80.4
0°-60°	1229.0	95.3
0°-90°	1289.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1289.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1343	
5°	1309	122
15°	1067	297
25°	742	340
35°	448	278
45°	177	140
55°	54	52
65°	35	35
75°	18	19
85°	5	6
90°	0	



TEST NUMBER: P1276817
CATALOG NUMBER: P3AS20R359835D010 E3DLD1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1342.8
1°	1341.2
2°	1338.0
3°	1331.6
4°	1322.1
5°	1309.3
6°	1293.4
7°	1277.5
8°	1256.8
9°	1236.1
10°	1212.2
11°	1186.7
12°	1159.6
13°	1129.3
14°	1097.5
15°	1067.2
17.5°	986.0
20°	903.2
22.5°	818.7
25°	742.3
27.5°	667.4
30°	594.1
32.5°	520.9
35°	447.6
37.5°	374.3
40°	302.6
42.5°	235.7
45°	176.8
47.5°	127.4
50°	87.6
52.5°	63.7
55°	54.2
57.5°	49.4
60°	44.6
62.5°	39.8
65°	35.0
67.5°	30.3
70°	27.1
72.5°	22.3
75°	17.5
77.5°	14.3
80°	11.2
82.5°	8.0
85°	4.8
87.5°	3.2



TEST NUMBER: P1276817
CATALOG NUMBER: P3AS20R359835D010 E3DLD1WMH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)