

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: P1274687

Luminaire Tested: P3AS20R259830D010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274687
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259830D010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

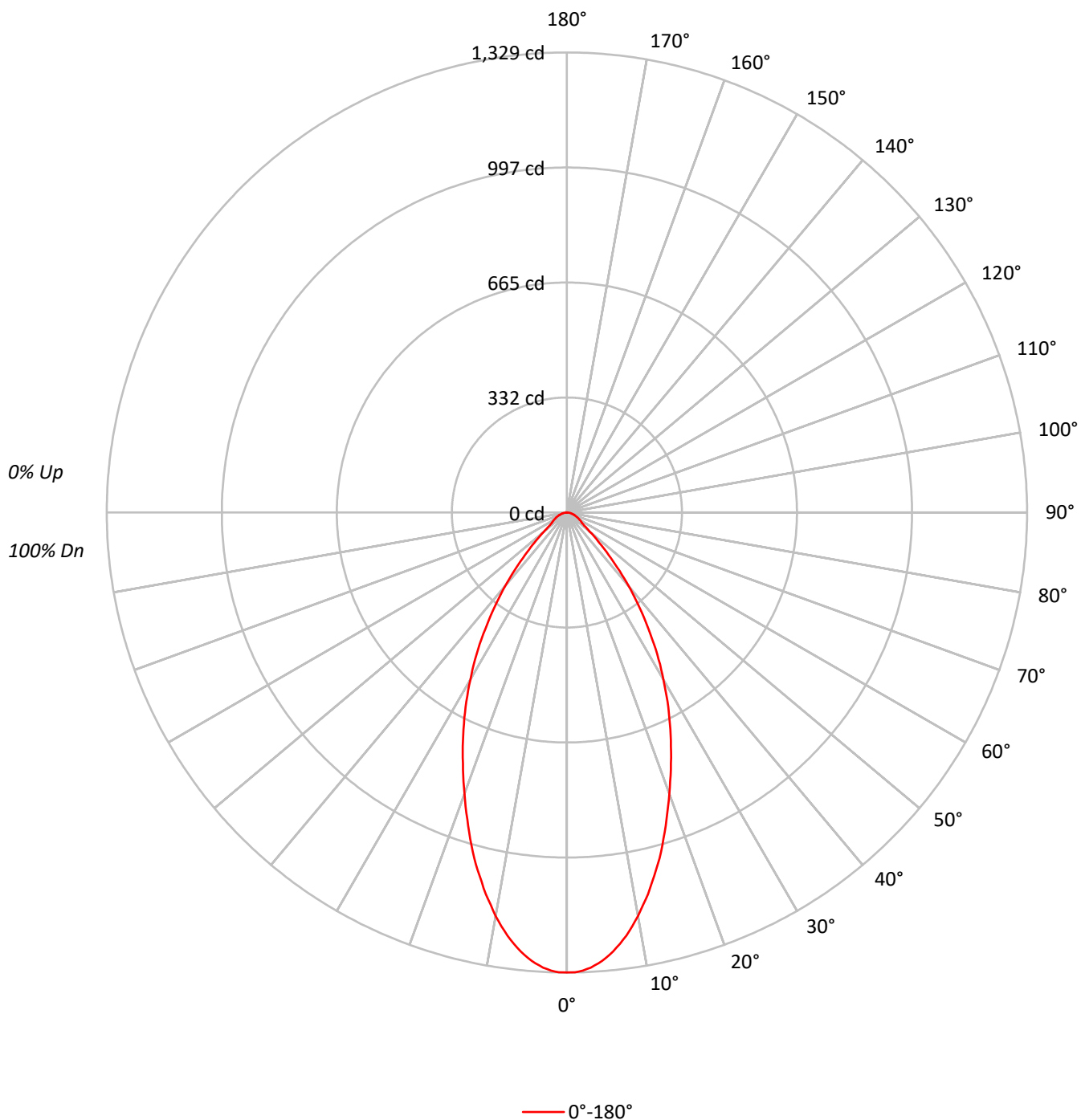
Lumens per Lamp: N/A
Luminaire Lumens: 1226.0 lumens
Efficiency: N/A
Efficacy: 44.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1274687

CATALOG NUMBER: P3AS20R259830D010 E3DLD1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1274687

CATALOG NUMBER: P3AS20R259830D010 E3DLD1WMH

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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	291380
5°	284415
10°	263567
15°	234735
20°	201734
25°	171470
30°	141161
35°	109995
40°	79120
45°	50207
50°	29713
55°	20453
60°	18770
65°	17434
70°	15644
75°	14234
80°	13512
85°	11573

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 50207 cd/sqm

TEST NUMBER: P1274687

CATALOG NUMBER: P3AS20R259830D010 E3DLD1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.8	9.8
10°-20°	287.1	23.4
20°-30°	324.3	26.5
30°-40°	256.5	20.9
40°-50°	129.6	10.6
50°-60°	51.9	4.2
60°-70°	33.2	2.7
70°-80°	18.3	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°	731.2	59.6
0°-40°	987.8	80.6
0°-60°	1169.3	95.4
0°-90°	1226.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1226.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1329	
5°	1292	120
15°	1034	287
25°	709	324
35°	411	257
45°	162	130
55°	54	52
65°	34	33
75°	17	18
85°	5	5
90°	0	

TEST NUMBER: P1274687

CATALOG NUMBER: P3AS20R259830D010 E3DLD1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1328.8
1°	1328.8
2°	1324.2
3°	1316.6
4°	1305.9
5°	1292.1
6°	1275.3
7°	1255.5
8°	1234.1
9°	1209.7
10°	1183.7
11°	1154.7
12°	1127.2
13°	1095.1
14°	1064.6
15°	1034.0
17.5°	948.5
20°	864.5
22.5°	785.1
25°	708.7
27.5°	633.8
30°	557.5
32.5°	485.7
35°	410.9
37.5°	342.1
40°	276.4
42.5°	215.4
45°	161.9
47.5°	120.7
50°	87.1
52.5°	65.7
55°	53.5
57.5°	48.9
60°	42.8
62.5°	38.2
65°	33.6
67.5°	29.0
70°	24.4
72.5°	21.4
75°	16.8
77.5°	13.7
80°	10.7
82.5°	7.6
85°	4.6
87.5°	1.5



TEST NUMBER: P1274687

CATALOG NUMBER: P3AS20R259830D010 E3DLD1WMH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)