

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: P1247584

Luminaire Tested: P3AS20R259024D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247584
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259024D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

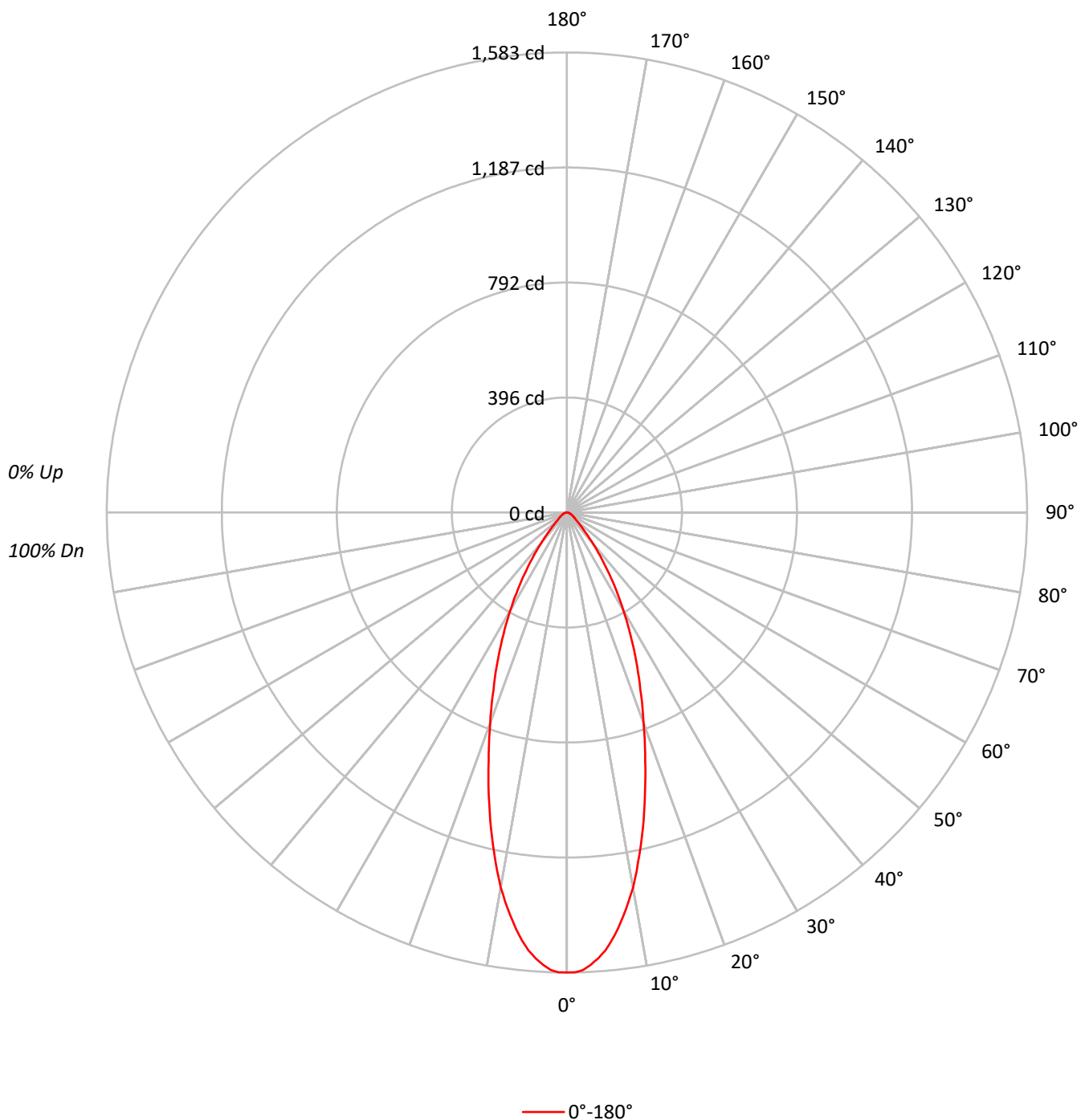
Lumens per Lamp: N/A
Luminaire Lumens: 956.0 lumens
Efficiency: N/A
Efficacy: 33.2 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1247584

CATALOG NUMBER: P3AS20R259024D010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1247584

CATALOG NUMBER: P3AS20R259024D010 E3DL1WH

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	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	347077
5°	332995
10°	291711
15°	234485
20°	180149
25°	136314
30°	98496
35°	65424
40°	39674
45°	23103
50°	14737
55°	11966
60°	10438
65°	9288
70°	7629
75°	7540
80°	5683
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23103 cd/sqm

TEST NUMBER: P1247584

CATALOG NUMBER: P3AS20R259024D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.7	14.4
10°-20°	285.6	29.9
20°-30°	258.3	27.0
30°-40°	155.1	16.2
40°-50°	61.6	6.4
50°-60°	28.4	3.0
60°-70°	17.3	1.8
70°-80°	9.2	1.0
80°-90°	2.7	0.3
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°	681.6	71.3
0°-40°	836.8	87.5
0°-60°	926.8	96.9
0°-90°	956.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	956.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1583	
5°	1513	138
15°	1033	286
25°	563	258
35°	244	155
45°	74	62
55°	31	28
65°	18	17
75°	9	9
85°	3	3
90°	0	

TEST NUMBER: P1247584

CATALOG NUMBER: P3AS20R259024D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1582.8
1°	1582.8
2°	1575.4
3°	1559.0
4°	1538.1
5°	1512.8
6°	1480.0
7°	1442.7
8°	1399.5
9°	1356.3
10°	1310.1
11°	1256.4
12°	1201.3
13°	1146.1
14°	1091.0
15°	1032.9
17.5°	895.7
20°	772.0
22.5°	660.3
25°	563.4
27.5°	472.5
30°	389.0
32.5°	313.0
35°	244.4
37.5°	186.3
40°	138.6
42.5°	101.3
45°	74.5
47.5°	56.6
50°	43.2
52.5°	35.8
55°	31.3
57.5°	26.8
60°	23.8
62.5°	19.4
65°	17.9
67.5°	14.9
70°	11.9
72.5°	10.4
75°	8.9
77.5°	7.5
80°	4.5
82.5°	3.0
85°	3.0
87.5°	1.5



TEST NUMBER: P1247584
CATALOG NUMBER: P3AS20R259024D010 E3DL1WH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)