

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: P1255365

Luminaire Tested: P3AS20R259035D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255365
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: P3AS20R259035D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

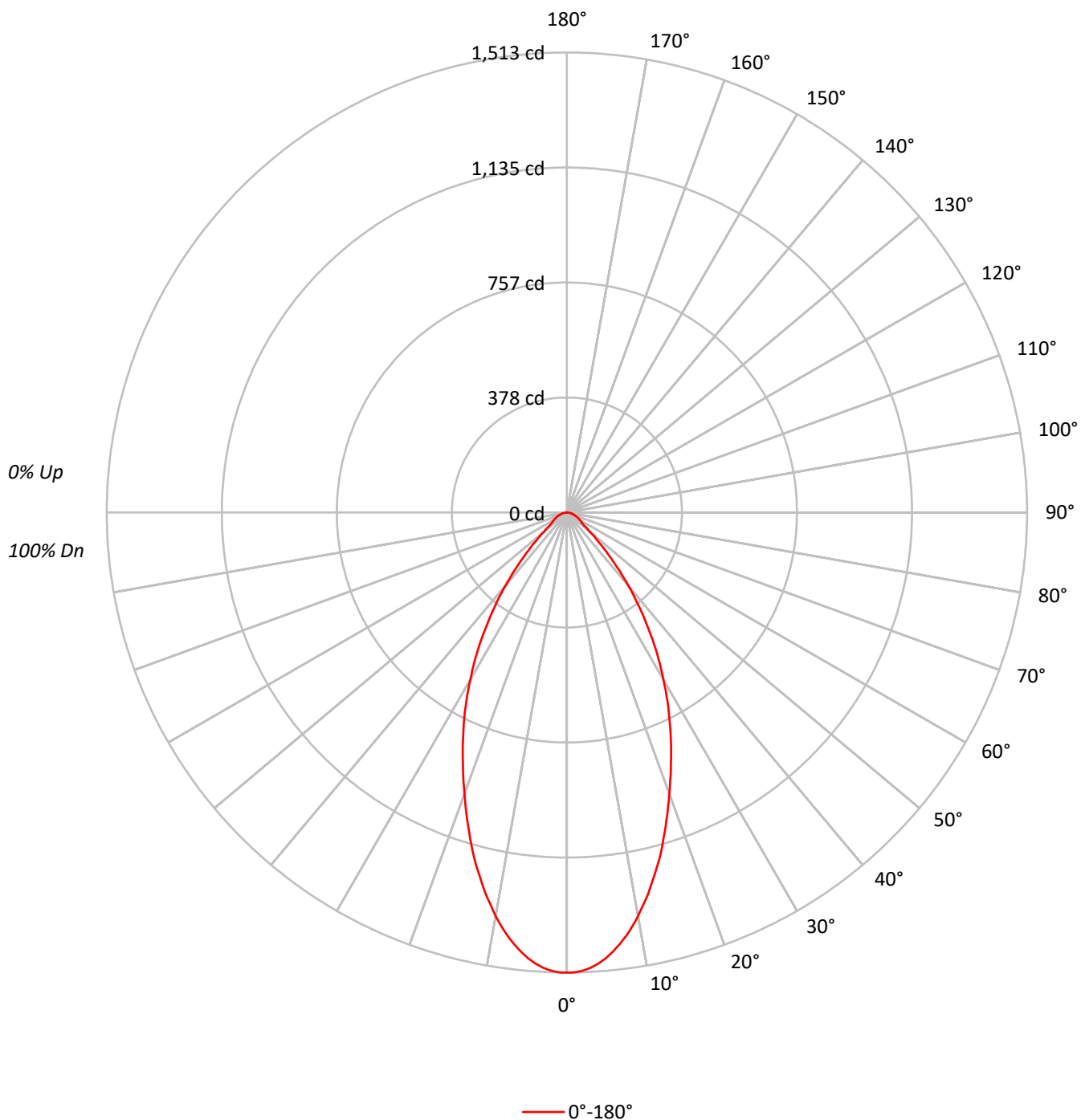
Lumens per Lamp: N/A
Luminaire Lumens: 1396.0 lumens
Efficiency: N/A
Efficacy: 48.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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	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°	331772
5°	323860
10°	300106
15°	267289
20°	229690
25°	195253
30°	160734
35°	125226
40°	90112
45°	57153
50°	33807
55°	23282
60°	21358
65°	19872
70°	17824
75°	16182
80°	15406
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57153 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.4	9.8
10°-20°	326.9	23.4
20°-30°	369.3	26.5
30°-40°	292.1	20.9
40°-50°	147.5	10.6
50°-60°	59.1	4.2
60°-70°	37.8	2.7
70°-80°	20.9	1.5
80°-90°	5.9	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°	832.6	59.6
0°-40°	1124.7	80.6
0°-60°	1331.4	95.4
0°-90°	1396.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1396.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1513	
5°	1471	136
15°	1177	327
25°	807	369
35°	468	292
45°	184	148
55°	61	59
65°	38	38
75°	19	21
85°	5	6
90°	0	

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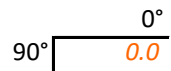
CANDELA DISTRIBUTION (FULL):

0°	
0°	1513.0
1°	1513.0
2°	1507.8
3°	1499.1
4°	1486.9
5°	1471.3
6°	1452.2
7°	1429.6
8°	1405.2
9°	1377.4
10°	1347.8
11°	1314.8
12°	1283.5
13°	1247.0
14°	1212.2
15°	1177.4
17.5°	1080.0
20°	984.3
22.5°	893.9
25°	807.0
27.5°	721.7
30°	634.8
32.5°	553.0
35°	467.8
37.5°	389.6
40°	314.8
42.5°	245.2
45°	184.3
47.5°	137.4
50°	99.1
52.5°	74.8
55°	60.9
57.5°	55.7
60°	48.7
62.5°	43.5
65°	38.3
67.5°	33.0
70°	27.8
72.5°	24.3
75°	19.1
77.5°	15.7
80°	12.2
82.5°	8.7
85°	5.2
87.5°	1.7



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)