

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: P1255397

Luminaire Tested: P3AS20R309035D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255397
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309035D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

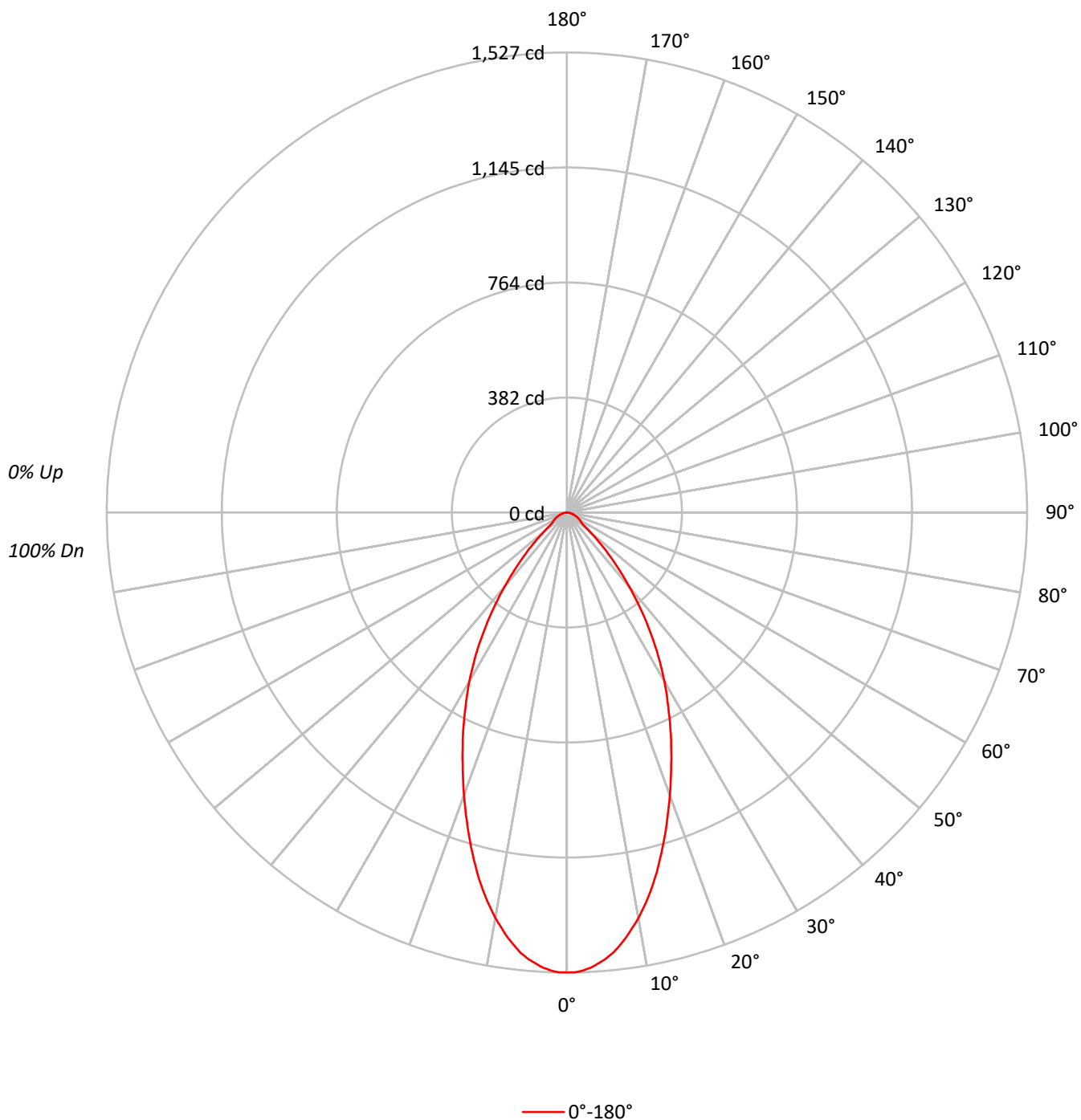
Lumens per Lamp: N/A
Luminaire Lumens: 1417.0 lumens
Efficiency: N/A
Efficacy: 49.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76		
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	334776
5°	327250
10°	304314
15°	270785
20°	232910
25°	197310
30°	163772
35°	128466
40°	92087
45°	60378
50°	34421
55°	22594
60°	21358
65°	19872
70°	17824
75°	16182
80°	15406
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 60378 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.0	9.7
10°-20°	331.6	23.4
20°-30°	373.7	26.4
30°-40°	298.4	21.1
40°-50°	153.4	10.8
50°-60°	57.7	4.1
60°-70°	37.8	2.7
70°-80°	20.4	1.4
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°	843.3	59.5
0°-40°	1141.8	80.6
0°-60°	1352.9	95.5
0°-90°	1417.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1417.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1527	
5°	1487	138
15°	1193	332
25°	816	374
35°	480	298
45°	195	153
55°	59	58
65°	38	38
75°	19	20
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

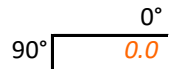
0°	
0°	1526.7
1°	1526.7
2°	1521.4
3°	1512.8
4°	1500.6
5°	1486.7
6°	1469.3
7°	1446.7
8°	1422.3
9°	1394.5
10°	1366.7
11°	1335.4
12°	1302.4
13°	1267.6
14°	1231.1
15°	1192.8
17.5°	1095.4
20°	998.1
22.5°	904.2
25°	815.5
27.5°	728.6
30°	646.8
32.5°	563.4
35°	479.9
37.5°	398.2
40°	321.7
42.5°	253.9
45°	194.7
47.5°	144.3
50°	100.9
52.5°	71.3
55°	59.1
57.5°	53.9
60°	48.7
62.5°	43.5
65°	38.3
67.5°	33.0
70°	27.8
72.5°	22.6
75°	19.1
77.5°	15.6
80°	12.2
82.5°	8.7
85°	5.2
87.5°	1.7



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)