

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: P1272589

Luminaire Tested: P3AS20R209827D010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272589
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R209827D010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 98CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

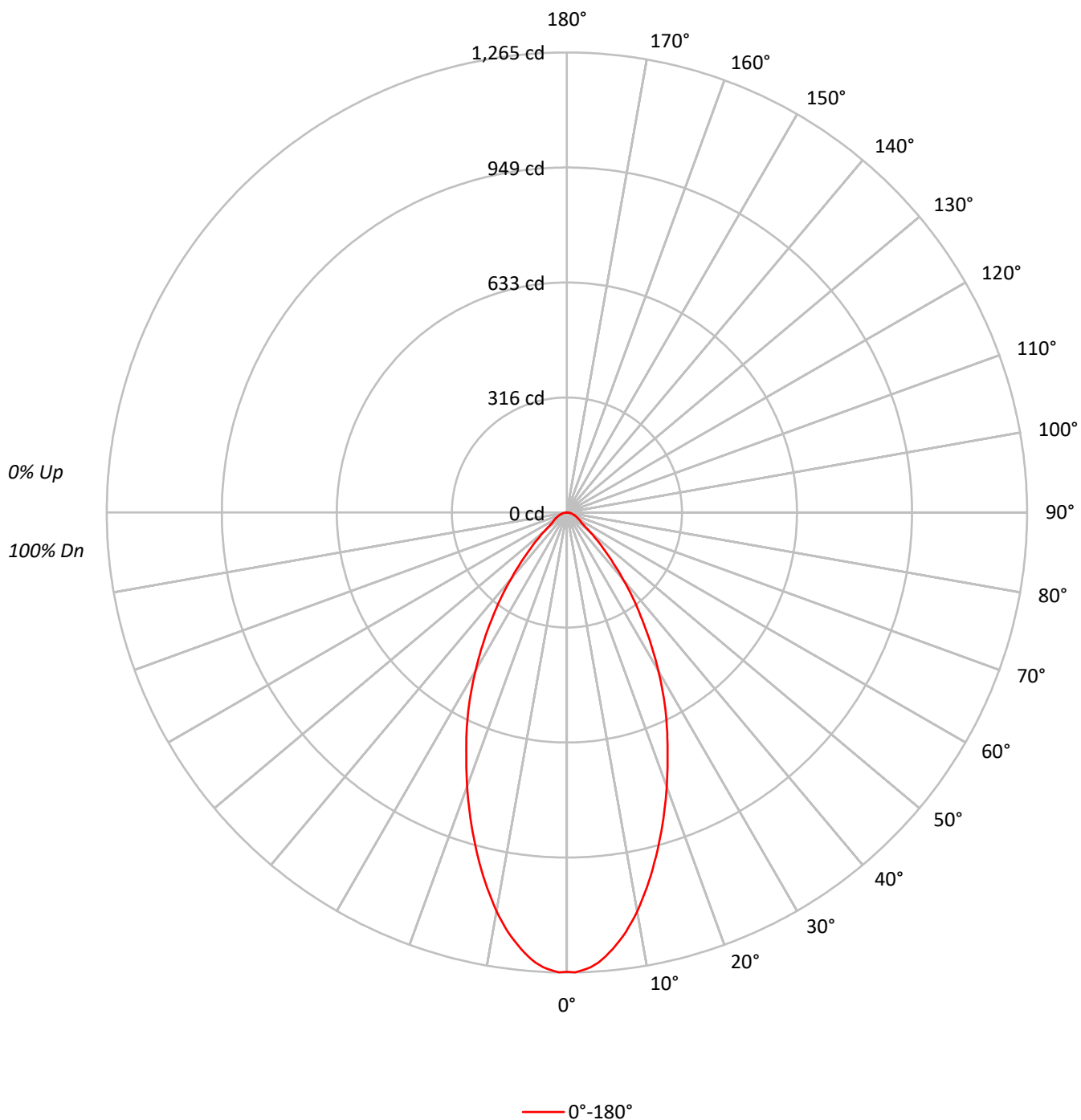
Lumens per Lamp: N/A
Luminaire Lumens: 1120.0 lumens
Efficiency: N/A
Efficacy: 40.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	113	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		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	277039
5°	269645
10°	248047
15°	218344
20°	187243
25°	157316
30°	127159
35°	96744
40°	68815
45°	45431
50°	28144
55°	18504
60°	16841
65°	15514
70°	14618
75°	13217
80°	12628
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45431 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.3	10.1
10°-20°	267.8	23.9
20°-30°	297.2	26.5
30°-40°	226.7	20.2
40°-50°	116.1	10.4
50°-60°	47.7	4.3
60°-70°	29.7	2.7
70°-80°	16.7	1.5
80°-90°	4.8	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°	678.3	60.6
0°-40°	905.0	80.8
0°-60°	1068.7	95.4
0°-90°	1120.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1120.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1263	
5°	1225	113
15°	962	268
25°	650	297
35°	361	227
45°	146	116
55°	48	48
65°	30	30
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1263.4
1°	1264.8
2°	1259.1
3°	1252.0
4°	1240.6
5°	1225.0
6°	1206.5
7°	1186.5
8°	1165.2
9°	1139.6
10°	1114.0
12.5°	1040.0
15°	961.8
17.5°	882.1
20°	802.4
22.5°	722.7
25°	650.2
27.5°	577.6
30°	502.2
32.5°	431.1
35°	361.4
37.5°	300.2
40°	240.4
42.5°	189.2
45°	146.5
47.5°	111.0
50°	82.5
52.5°	61.2
55°	48.4
57.5°	44.1
60°	38.4
62.5°	34.1
65°	29.9
67.5°	25.6
70°	22.8
72.5°	18.5
75°	15.6
77.5°	12.8
80°	10.0
82.5°	7.1
85°	4.3
87.5°	1.4
90°	0.0

(END OF REPORT)