

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: P1255343

Luminaire Tested: P3AS20R209035D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255343
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R209035D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

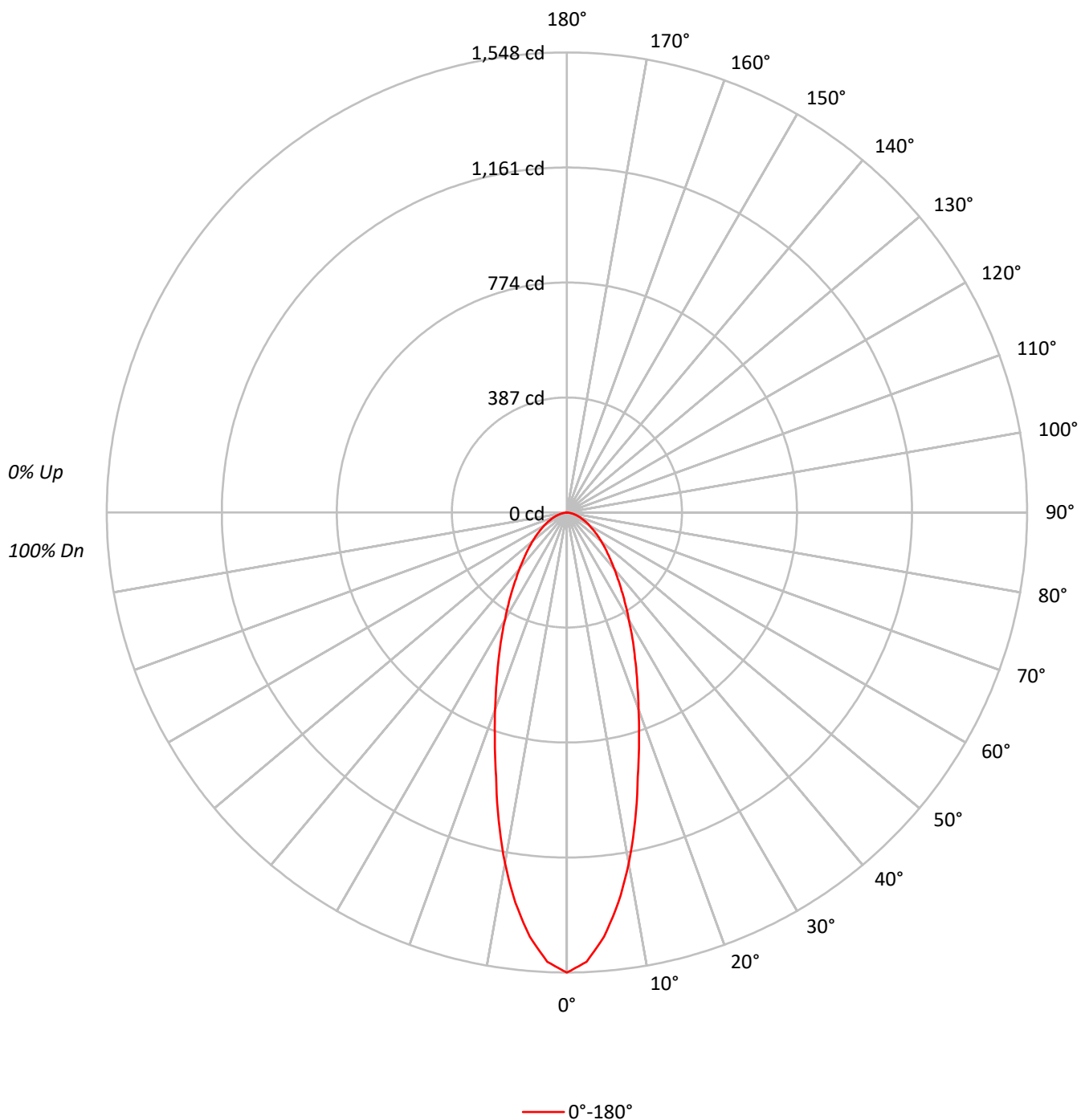
Lumens per Lamp: N/A
Luminaire Lumens: 1197.0 lumens
Efficiency: N/A
Efficacy: 41.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255343

CATALOG NUMBER: P3AS20R209035D010 E3PHLD1MW

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	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	64	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	339468
5°	315363
10°	267040
15°	209036
20°	164514
25°	131137
30°	105459
35°	85983
40°	71105
45°	59913
50°	51342
55°	44118
60°	38506
65°	33830
70°	28979
75°	25502
80°	19068
85°	12580

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 59913 cd/sqm

TEST NUMBER: P1255343

CATALOG NUMBER: P3AS20R209035D010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.3	10.8
10°-20°	257.8	21.5
20°-30°	250.3	20.9
30°-40°	202.2	16.9
40°-50°	150.3	12.6
50°-60°	104.4	8.7
60°-70°	65.4	5.5
70°-80°	31.7	2.7
80°-90°	5.4	0.5
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°	637.4	53.3
0°-40°	839.7	70.1
0°-60°	1094.4	91.4
0°-90°	1197.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1197.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1548	
5°	1433	129
15°	921	258
25°	542	250
35°	321	202
45°	193	150
55°	115	104
65°	65	65
75°	30	32
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1548.1
2.5°	1513.0
5°	1432.7
7.5°	1324.8
10°	1199.3
12.5°	1061.3
15°	920.8
17.5°	805.4
20°	705.0
22.5°	617.2
25°	542.0
27.5°	476.7
30°	416.5
32.5°	366.3
35°	321.2
37.5°	281.0
40°	248.4
42.5°	218.3
45°	193.2
47.5°	170.6
50°	150.5
52.5°	133.0
55°	115.4
57.5°	100.4
60°	87.8
62.5°	77.8
65°	65.2
67.5°	55.2
70°	45.2
72.5°	37.6
75°	30.1
77.5°	22.6
80°	15.1
82.5°	7.5
85°	5.0
87.5°	0.0
90°	0.0

(END OF REPORT)