

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: P1252636

Luminaire Tested: P3AS20R209030D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252636
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: P3AS20R209030D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

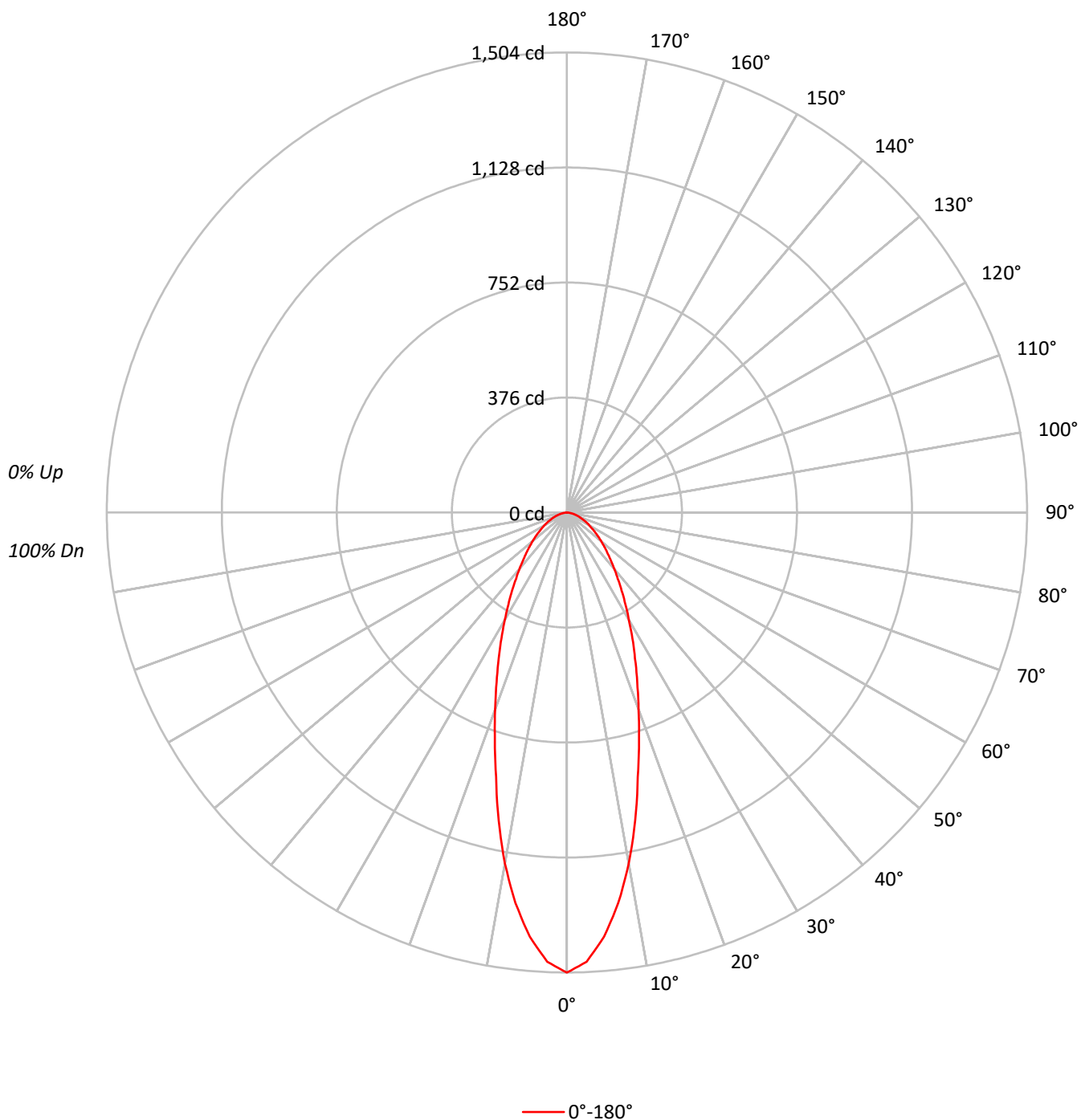
Lumens per Lamp: N/A
Luminaire Lumens: 1163.0 lumens
Efficiency: N/A
Efficacy: 40.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	329820
5°	306405
10°	259470
15°	203111
20°	159847
25°	127411
30°	102471
35°	83520
40°	69072
45°	58208
50°	49909
55°	42856
60°	37409
65°	32896
70°	28146
75°	24824
80°	18437
85°	12328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 58208 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.7	10.8
10°-20°	250.5	21.5
20°-30°	243.2	20.9
30°-40°	196.5	16.9
40°-50°	146.0	12.6
50°-60°	101.4	8.7
60°-70°	63.6	5.5
70°-80°	30.8	2.7
80°-90°	5.3	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°	619.4	53.3
0°-40°	815.8	70.1
0°-60°	1063.3	91.4
0°-90°	1163.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1163.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1504	
5°	1392	126
15°	895	250
25°	527	243
35°	312	196
45°	188	146
55°	112	101
65°	63	64
75°	29	31
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1504.1
2.5°	1470.0
5°	1392.0
7.5°	1287.2
10°	1165.3
12.5°	1031.2
15°	894.7
17.5°	782.5
20°	685.0
22.5°	599.7
25°	526.6
27.5°	463.2
30°	404.7
32.5°	355.9
35°	312.0
37.5°	273.0
40°	241.3
42.5°	212.1
45°	187.7
47.5°	165.8
50°	146.3
52.5°	129.2
55°	112.1
57.5°	97.5
60°	85.3
62.5°	75.6
65°	63.4
67.5°	53.6
70°	43.9
72.5°	36.6
75°	29.3
77.5°	21.9
80°	14.6
82.5°	7.3
85°	4.9
87.5°	0.0
90°	0.0

(END OF REPORT)