

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: P1249961

Luminaire Tested: P3AS20R259027D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249961
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259027D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

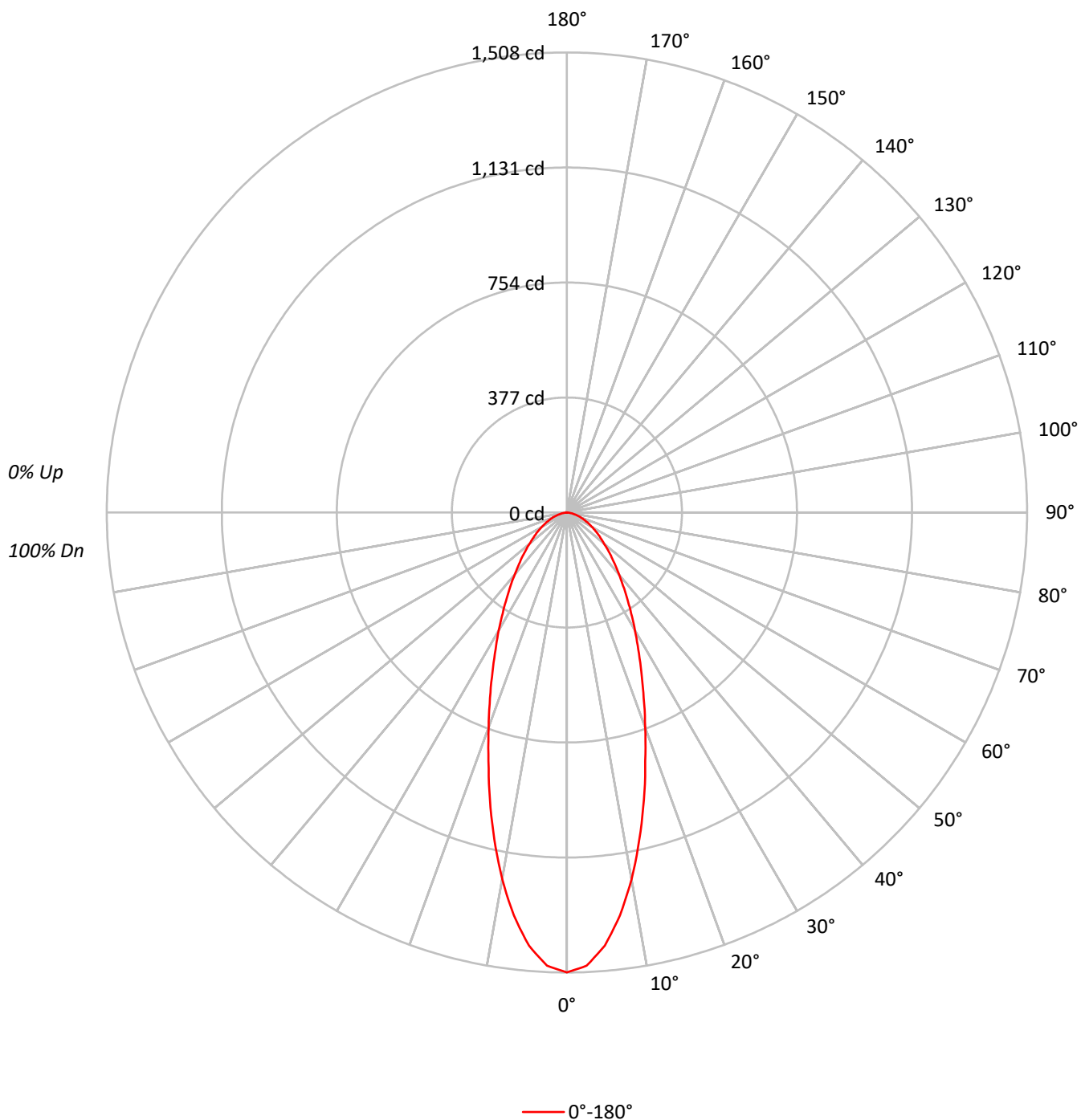
Lumens per Lamp: N/A
Luminaire Lumens: 1267.0 lumens
Efficiency: N/A
Efficacy: 44.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	330588
5°	313801
10°	271805
15°	221273
20°	174829
25°	139411
30°	113030
35°	92059
40°	76257
45°	64255
50°	54378
55°	47903
60°	41926
65°	36632
70°	32121
75°	27027
80°	20078
85°	11573

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 64255 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.4	10.2
10°-20°	270.3	21.3
20°-30°	266.4	21.0
30°-40°	216.9	17.1
40°-50°	160.9	12.7
50°-60°	112.3	8.9
60°-70°	70.3	5.6
70°-80°	33.9	2.7
80°-90°	6.5	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°	666.1	52.6
0°-40°	883.0	69.7
0°-60°	1156.3	91.3
0°-90°	1267.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1267.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1508	
5°	1426	129
15°	975	270
25°	576	266
35°	344	217
45°	207	161
55°	125	112
65°	71	70
75°	32	34
85°	5	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1507.6
2.5°	1487.1
5°	1425.6
7.5°	1332.2
10°	1220.7
12.5°	1097.7
15°	974.7
17.5°	854.0
20°	749.2
22.5°	658.2
25°	576.2
27.5°	505.6
30°	446.4
32.5°	391.7
35°	343.9
37.5°	302.9
40°	266.4
42.5°	234.6
45°	207.2
47.5°	182.2
50°	159.4
52.5°	141.2
55°	125.3
57.5°	109.3
60°	95.6
62.5°	82.0
65°	70.6
67.5°	59.2
70°	50.1
72.5°	41.0
75°	31.9
77.5°	22.8
80°	15.9
82.5°	9.1
85°	4.6
87.5°	2.3
90°	0.0

(END OF REPORT)