

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: P1268149

Luminaire Tested: P3A20R259735D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268149
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: P3A20R259735D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

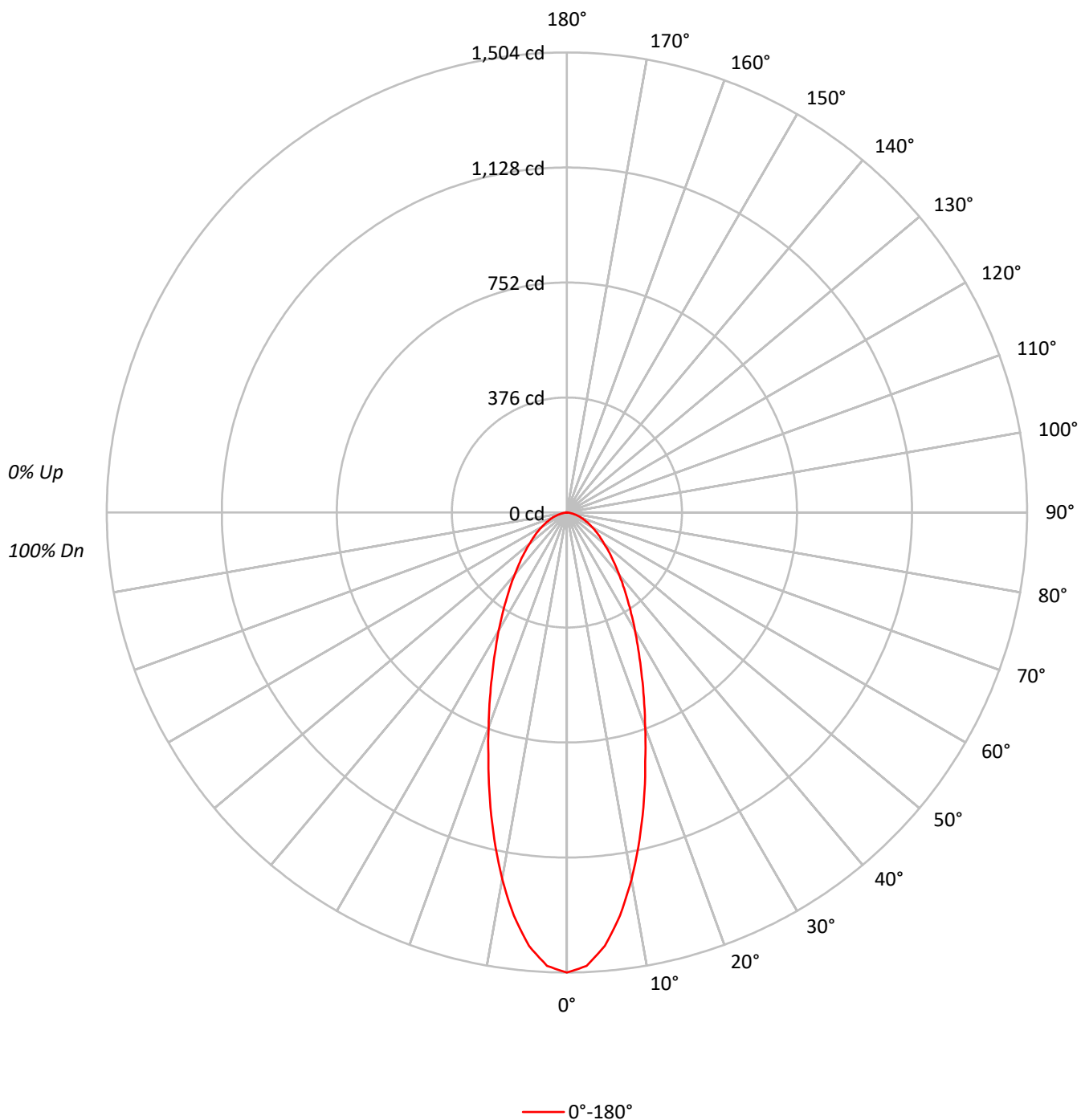
Lumens per Lamp: N/A
Luminaire Lumens: 1264.0 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	329798
5°	313052
10°	271160
15°	220750
20°	174432
25°	139073
30°	112752
35°	91845
40°	76085
45°	64100
50°	54241
55°	47788
60°	41839
65°	36528
70°	32057
75°	26942
80°	20078
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 64100 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.1	10.2
10°-20°	269.7	21.3
20°-30°	265.8	21.0
30°-40°	216.4	17.1
40°-50°	160.5	12.7
50°-60°	112.1	8.9
60°-70°	70.2	5.6
70°-80°	33.8	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°	664.6	52.6
0°-40°	880.9	69.7
0°-60°	1153.6	91.3
0°-90°	1264.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1264.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1504	
5°	1422	129
15°	972	270
25°	575	266
35°	343	216
45°	207	161
55°	125	112
65°	70	70
75°	32	34
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1504.0
2.5°	1483.6
5°	1422.2
7.5°	1329.1
10°	1217.8
12.5°	1095.1
15°	972.4
17.5°	852.0
20°	747.5
22.5°	656.6
25°	574.8
27.5°	504.4
30°	445.3
32.5°	390.8
35°	343.1
37.5°	302.2
40°	265.8
42.5°	234.0
45°	206.7
47.5°	181.8
50°	159.0
52.5°	140.9
55°	125.0
57.5°	109.1
60°	95.4
62.5°	81.8
65°	70.4
67.5°	59.1
70°	50.0
72.5°	40.9
75°	31.8
77.5°	22.7
80°	15.9
82.5°	9.1
85°	4.5
87.5°	2.3
90°	0.0

(END OF REPORT)