

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: P1270528

Luminaire Tested: P3A20R259740D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270528
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: P3A20R259740D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

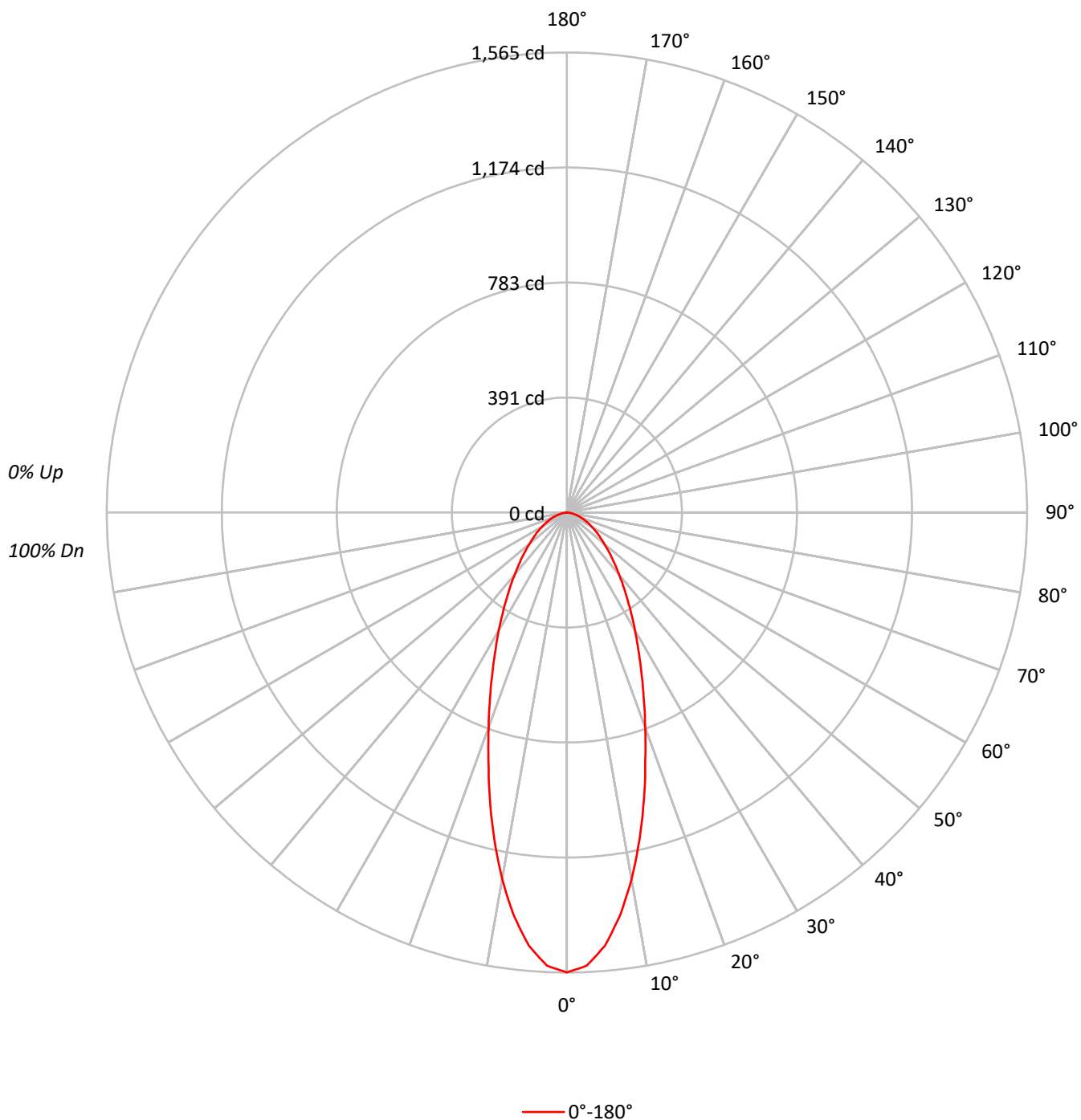
Lumens per Lamp: N/A
Luminaire Lumens: 1315.0 lumens
Efficiency: N/A
Efficacy: 45.7 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	343108
5°	325687
10°	282092
15°	229649
20°	181456
25°	144686
30°	117309
35°	95539
40°	79148
45°	66705
50°	56459
55°	49700
60°	43549
65°	38033
70°	33339
75°	28043
80°	20836
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 66705 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.4	10.2
10°-20°	280.5	21.3
20°-30°	276.5	21.0
30°-40°	225.1	17.1
40°-50°	167.0	12.7
50°-60°	116.6	8.9
60°-70°	73.0	5.6
70°-80°	35.2	2.7
80°-90°	6.8	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°	691.4	52.6
0°-40°	916.5	69.7
0°-60°	1200.1	91.3
0°-90°	1315.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1315.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1565	
5°	1480	134
15°	1012	281
25°	598	276
35°	357	225
45°	215	167
55°	130	117
65°	73	73
75°	33	35
85°	5	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1564.7
2.5°	1543.4
5°	1479.6
7.5°	1382.7
10°	1266.9
12.5°	1139.3
15°	1011.6
17.5°	886.4
20°	777.6
22.5°	683.1
25°	598.0
27.5°	524.7
30°	463.3
32.5°	406.5
35°	356.9
37.5°	314.4
40°	276.5
42.5°	243.5
45°	215.1
47.5°	189.1
50°	165.5
52.5°	146.5
55°	130.0
57.5°	113.5
60°	99.3
62.5°	85.1
65°	73.3
67.5°	61.5
70°	52.0
72.5°	42.5
75°	33.1
77.5°	23.6
80°	16.5
82.5°	9.5
85°	4.7
87.5°	2.4
90°	0.0

(END OF REPORT)