

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: P1265770

Luminaire Tested: P3A20R259730D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265770
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: P3A20R259730D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

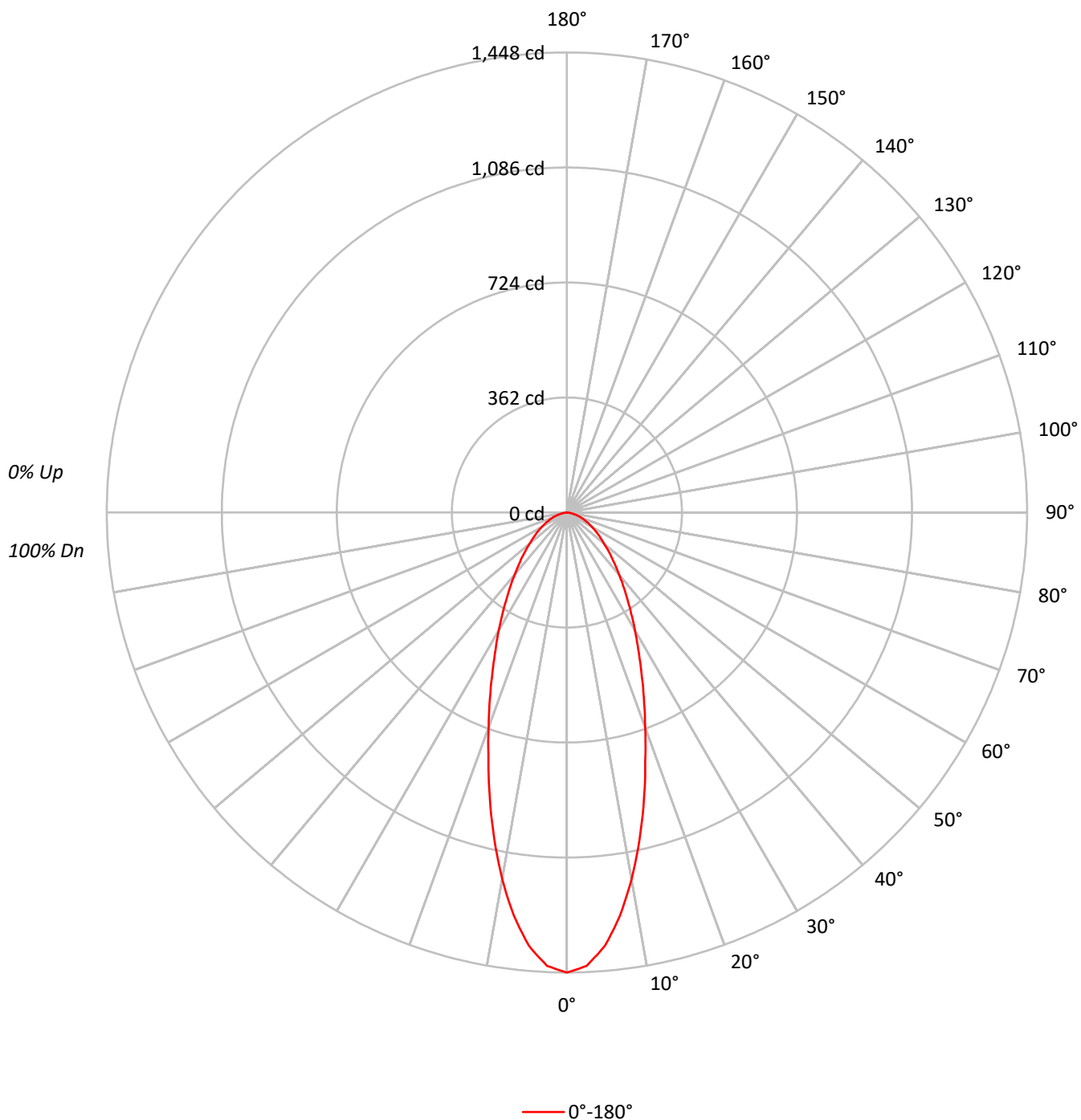
Lumens per Lamp: N/A
Luminaire Lumens: 1217.0 lumens
Efficiency: N/A
Efficacy: 42.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	317540
5°	301430
10°	261073
15°	212532
20°	167945
25°	133895
30°	108548
35°	88419
40°	73252
45°	61743
50°	52229
55°	45991
60°	40304
65°	35179
70°	30839
75°	25925
80°	19321
85°	11070

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 61743 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.3	10.2
10°-20°	259.6	21.3
20°-30°	255.9	21.0
30°-40°	208.3	17.1
40°-50°	154.6	12.7
50°-60°	107.9	8.9
60°-70°	67.6	5.6
70°-80°	32.6	2.7
80°-90°	6.2	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°	639.8	52.6
0°-40°	848.1	69.7
0°-60°	1110.6	91.3
0°-90°	1217.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1217.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1448	
5°	1369	124
15°	936	260
25°	553	256
35°	330	208
45°	199	155
55°	120	108
65°	68	68
75°	31	33
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1448.1
2.5°	1428.4
5°	1369.4
7.5°	1279.7
10°	1172.5
12.5°	1054.4
15°	936.2
17.5°	820.3
20°	719.7
22.5°	632.2
25°	553.4
27.5°	485.6
30°	428.7
32.5°	376.2
35°	330.3
37.5°	290.9
40°	255.9
42.5°	225.3
45°	199.1
47.5°	175.0
50°	153.1
52.5°	135.6
55°	120.3
57.5°	105.0
60°	91.9
62.5°	78.7
65°	67.8
67.5°	56.9
70°	48.1
72.5°	39.4
75°	30.6
77.5°	21.9
80°	15.3
82.5°	8.7
85°	4.4
87.5°	2.2
90°	0.0

(END OF REPORT)