

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: P1247599

Luminaire Tested: P3A20R259024D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247599
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: P3A20R259024D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

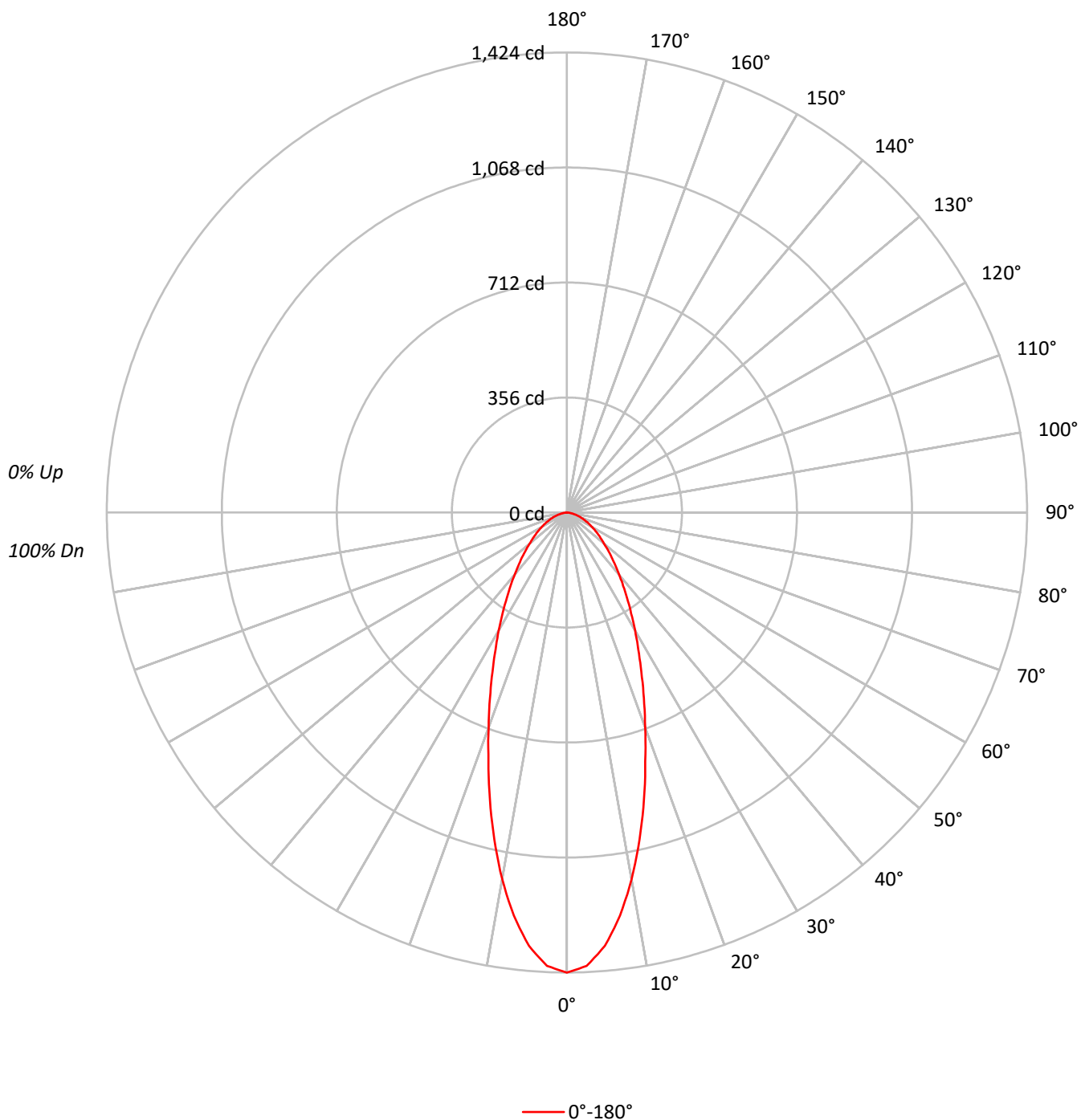
Lumens per Lamp: N/A
Luminaire Lumens: 1197.0 lumens
Efficiency: N/A
Efficacy: 41.6 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	312321
5°	296477
10°	256775
15°	209036
20°	165168
25°	131693
30°	106776
35°	86973
40°	72049
45°	60719
50°	51376
55°	45227
60°	39646
65°	34608
70°	30326
75°	25502
80°	19068
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 60719 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.3	10.2
10°-20°	255.3	21.3
20°-30°	251.7	21.0
30°-40°	204.9	17.1
40°-50°	152.0	12.7
50°-60°	106.1	8.9
60°-70°	66.5	5.6
70°-80°	32.0	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°	629.3	52.6
0°-40°	834.2	69.7
0°-60°	1092.4	91.3
0°-90°	1197.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1197.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1424	
5°	1347	122
15°	921	255
25°	544	252
35°	325	205
45°	196	152
55°	118	106
65°	67	66
75°	30	32
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1424.3
2.5°	1404.9
5°	1346.9
7.5°	1258.6
10°	1153.2
12.5°	1037.0
15°	920.8
17.5°	806.8
20°	707.8
22.5°	621.8
25°	544.3
27.5°	477.6
30°	421.7
32.5°	370.1
35°	324.9
37.5°	286.2
40°	251.7
42.5°	221.6
45°	195.8
47.5°	172.1
50°	150.6
52.5°	133.4
55°	118.3
57.5°	103.3
60°	90.4
62.5°	77.5
65°	66.7
67.5°	55.9
70°	47.3
72.5°	38.7
75°	30.1
77.5°	21.5
80°	15.1
82.5°	8.6
85°	4.3
87.5°	2.2
90°	0.0

(END OF REPORT)