

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: P1247600

Luminaire Tested: P3A20R259024D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247600
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259024D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

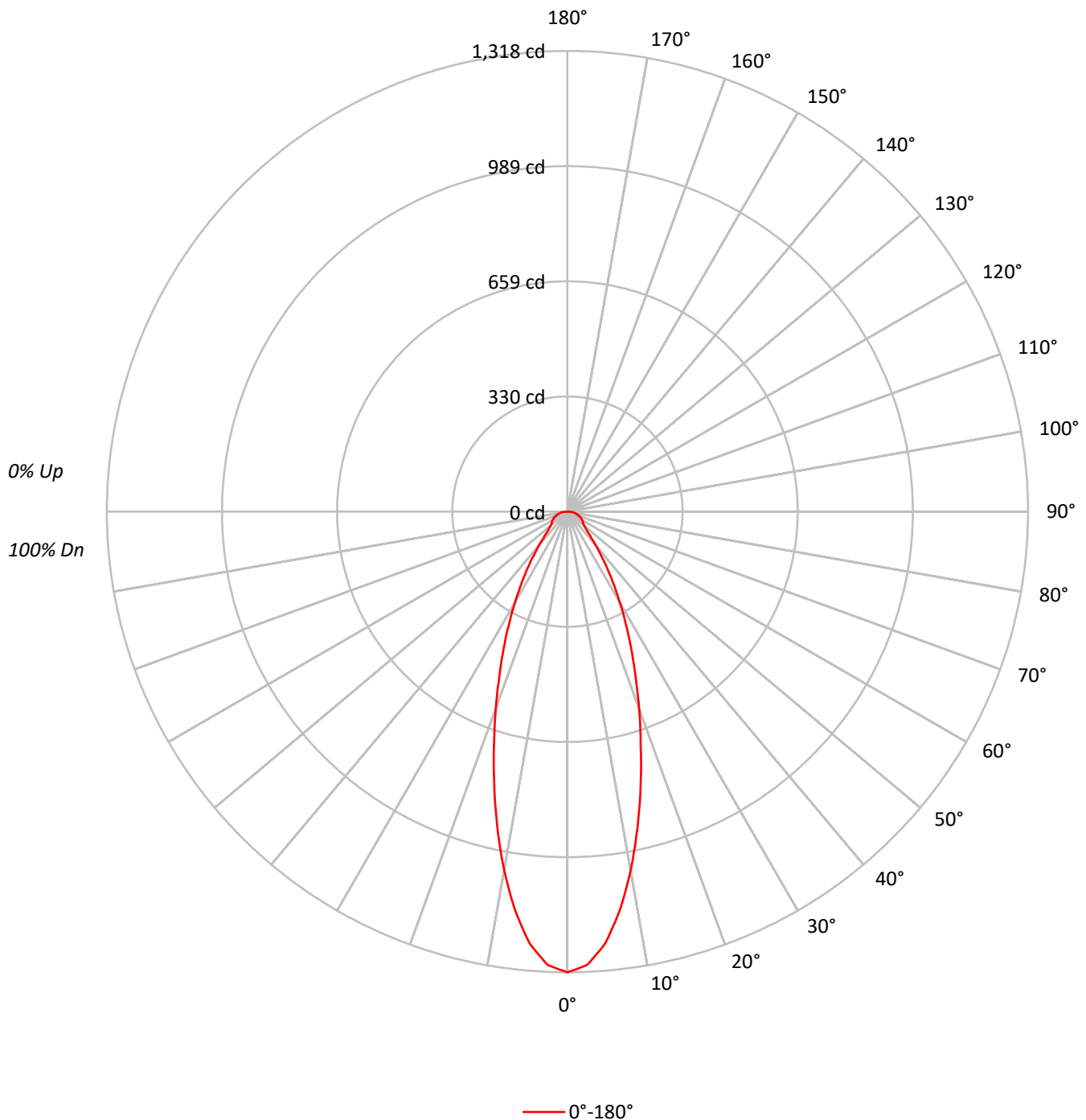
Lumens per Lamp: N/A
Luminaire Lumens: 860.0 lumens
Efficiency: N/A
Efficacy: 29.9 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	288968
5°	273013
10°	232060
15°	183792
20°	139685
25°	104183
30°	75784
35°	53592
40°	36354
45°	25367
50°	21287
55°	20568
60°	21709
65°	22363
70°	22119
75°	23723
80°	27150
85°	27172

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 28896 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.0	13.0
10°-20°	224.1	26.1
20°-30°	198.4	23.1
30°-40°	126.4	14.7
40°-50°	66.9	7.8
50°-60°	49.1	5.7
60°-70°	41.9	4.9
70°-80°	29.6	3.4
80°-90°	11.7	1.4
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°	534.5	62.1
0°-40°	660.8	76.8
0°-60°	776.8	90.3
0°-90°	860.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	860.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1318	
5°	1240	112
15°	810	224
25°	431	198
35°	200	126
45°	82	67
55°	54	49
65°	43	42
75°	28	30
85°	11	12
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1317.8
2.5°	1298.4
5°	1240.3
7.5°	1149.8
10°	1042.2
12.5°	925.9
15°	809.6
17.5°	697.6
20°	598.6
22.5°	508.2
25°	430.6
27.5°	361.7
30°	299.3
32.5°	245.5
35°	200.2
37.5°	159.3
40°	127.0
42.5°	101.2
45°	81.8
47.5°	71.1
50°	62.4
52.5°	58.1
55°	53.8
57.5°	51.7
60°	49.5
62.5°	45.2
65°	43.1
67.5°	38.8
70°	34.5
72.5°	32.3
75°	28.0
77.5°	23.7
80°	21.5
82.5°	17.2
85°	10.8
87.5°	4.3
90°	0.0

(END OF REPORT)