

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: P1276766

Luminaire Tested: P3AS20R259835D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276766
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: P3AS20R259835D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

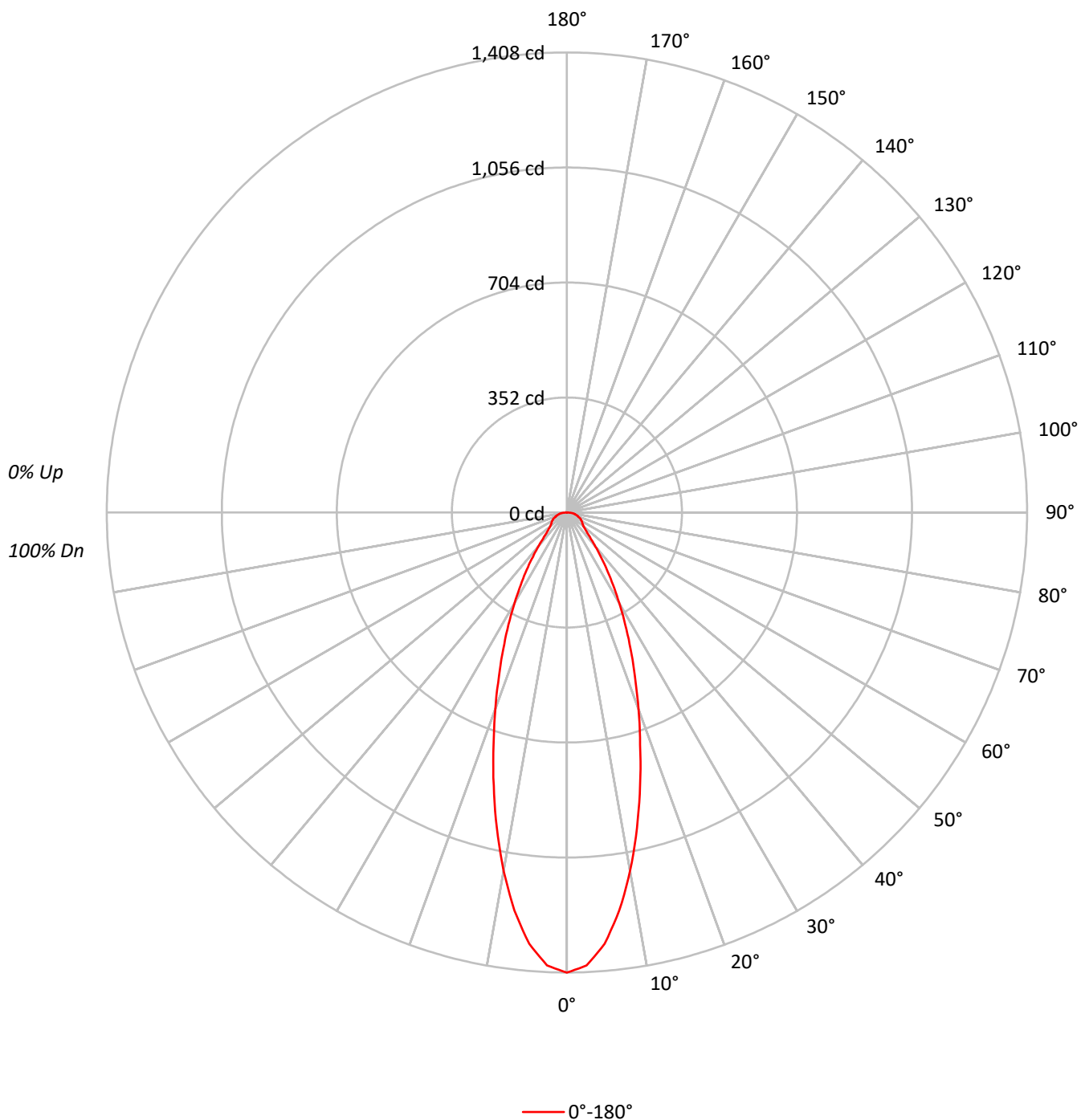
Lumens per Lamp: N/A
Luminaire Lumens: 918.9 lumens
Efficiency: N/A
Efficacy: 33.5 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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°	308791
5°	291723
10°	247980
15°	196414
20°	149276
25°	111345
30°	80974
35°	57286
40°	38873
45°	27104
50°	22754
55°	21982
60°	23200
65°	23868
70°	23594
75°	25332
80°	29044
85°	28934

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 30912 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.6	13.0
10°-20°	239.5	26.1
20°-30°	212.0	23.1
30°-40°	135.1	14.7
40°-50°	71.4	7.8
50°-60°	52.5	5.7
60°-70°	44.7	4.9
70°-80°	31.6	3.4
80°-90°	12.5	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°	571.1	62.2
0°-40°	706.2	76.9
0°-60°	830.1	90.3
0°-90°	918.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	918.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1408	
5°	1325	120
15°	865	239
25°	460	212
35°	214	135
45°	87	71
55°	58	52
65°	46	45
75°	30	32
85°	12	13
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1408.2
2.5°	1387.5
5°	1325.3
7.5°	1228.7
10°	1113.7
12.5°	989.4
15°	865.2
17.5°	745.5
20°	639.7
22.5°	543.0
25°	460.2
27.5°	386.6
30°	319.8
32.5°	262.3
35°	214.0
37.5°	170.3
40°	135.8
42.5°	108.1
45°	87.4
47.5°	75.9
50°	66.7
52.5°	62.1
55°	57.5
57.5°	55.2
60°	52.9
62.5°	48.3
65°	46.0
67.5°	41.4
70°	36.8
72.5°	34.5
75°	29.9
77.5°	25.3
80°	23.0
82.5°	18.4
85°	11.5
87.5°	4.6
90°	0.0

(END OF REPORT)