

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: P1255376

Luminaire Tested: P3AS20R259035D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255376
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: P3AS20R259035D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

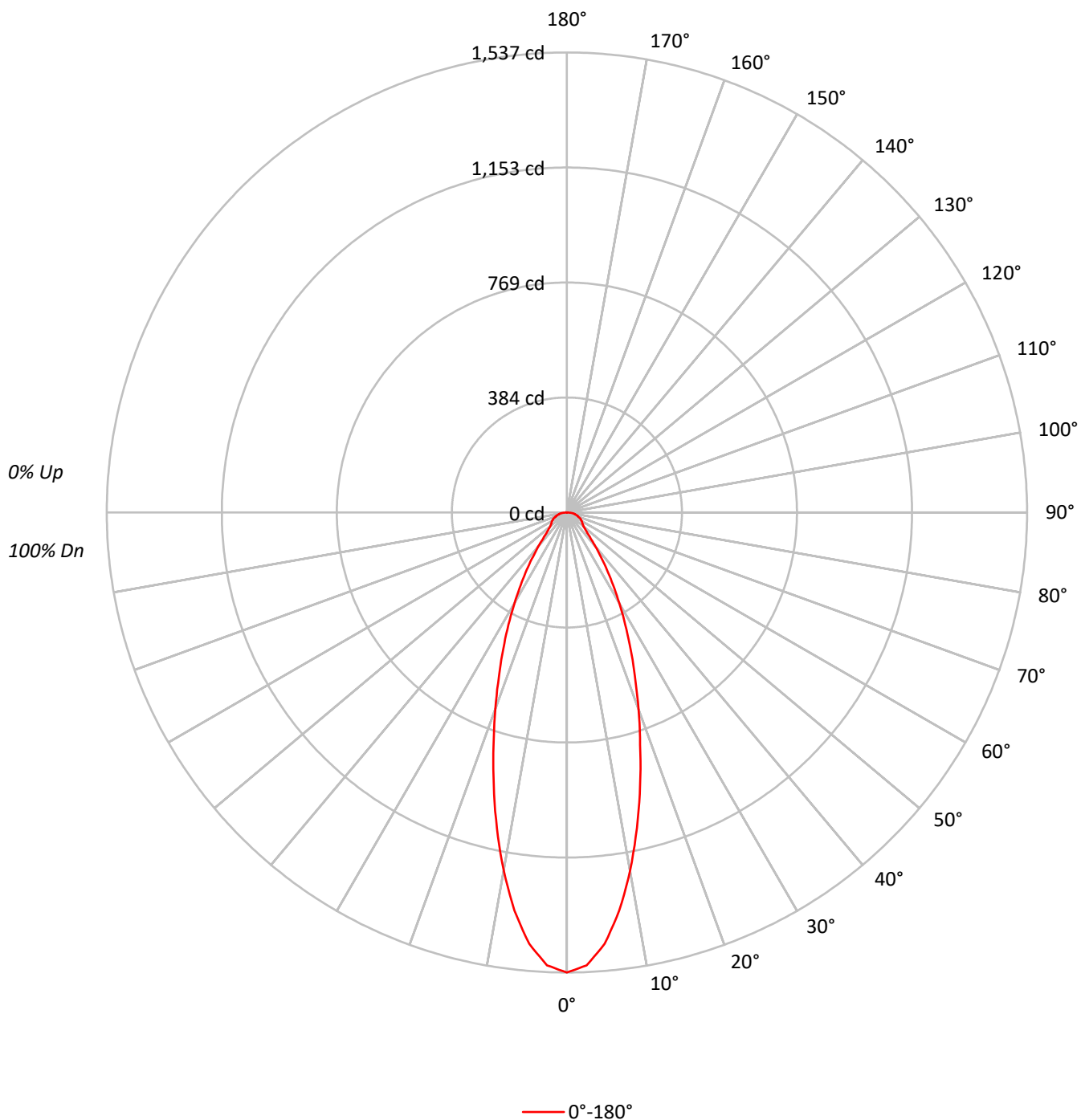
Lumens per Lamp: N/A
Luminaire Lumens: 1003.0 lumens
Efficiency: N/A
Efficacy: 34.8 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	337012
5°	318401
10°	270625
15°	214349
20°	162904
25°	121531
30°	88393
35°	62506
40°	42422
45°	29584
50°	24835
55°	24009
60°	25349
65°	26047
70°	25774
75°	27620
80°	31696
85°	31701

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 33767 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.6	13.0
10°-20°	261.3	26.1
20°-30°	231.4	23.1
30°-40°	147.4	14.7
40°-50°	78.0	7.8
50°-60°	57.3	5.7
60°-70°	48.8	4.9
70°-80°	34.5	3.4
80°-90°	13.7	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°	623.3	62.1
0°-40°	770.7	76.8
0°-60°	906.1	90.3
0°-90°	1003.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1003.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1537	
5°	1446	131
15°	944	261
25°	502	231
35°	234	147
45°	95	78
55°	63	57
65°	50	49
75°	33	34
85°	13	14
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1536.9
2.5°	1514.3
5°	1446.5
7.5°	1341.0
10°	1215.4
12.5°	1079.8
15°	944.2
17.5°	813.6
20°	698.1
22.5°	592.7
25°	502.3
27.5°	421.9
30°	349.1
32.5°	286.3
35°	233.5
37.5°	185.8
40°	148.2
42.5°	118.0
45°	95.4
47.5°	82.9
50°	72.8
52.5°	67.8
55°	62.8
57.5°	60.3
60°	57.8
62.5°	52.7
65°	50.2
67.5°	45.2
70°	40.2
72.5°	37.7
75°	32.6
77.5°	27.6
80°	25.1
82.5°	20.1
85°	12.6
87.5°	5.0
90°	0.0

(END OF REPORT)