

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: P1276707

Luminaire Tested: P3AS20R159835D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276707
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159835D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

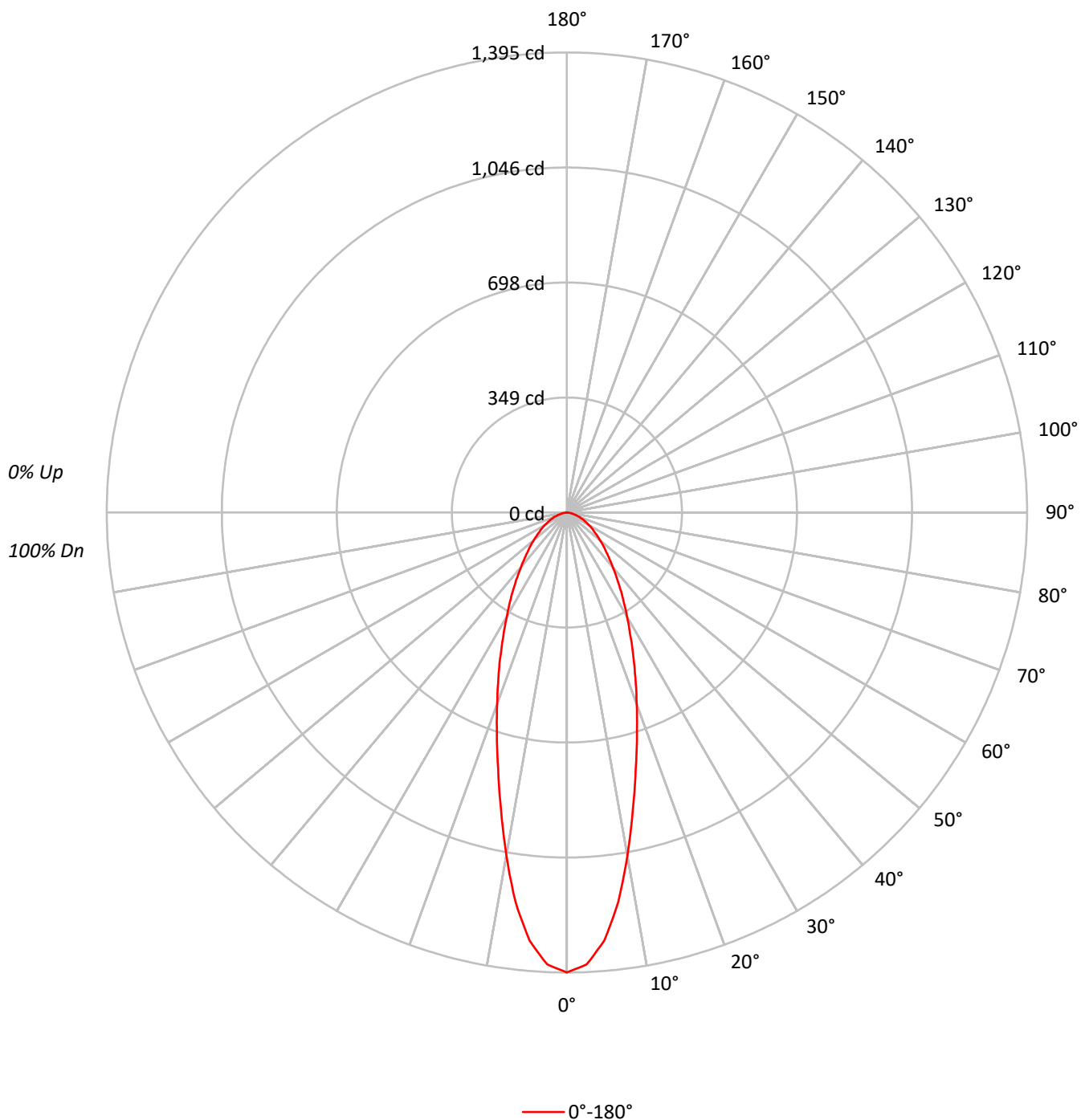
Lumens per Lamp: N/A
Luminaire Lumens: 1051.0 lumens
Efficiency: N/A
Efficacy: 38.4 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	305853
5°	286704
10°	235110
15°	182657
20°	144166
25°	114902
30°	92242
35°	75302
40°	62031
45°	52191
50°	44826
55°	38766
60°	34383
65°	29886
70°	26607
75°	21520
80°	17426
85°	11573

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 52191 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.3	11.1
10°-20°	225.4	21.4
20°-30°	219.1	20.8
30°-40°	177.1	16.8
40°-50°	131.5	12.5
50°-60°	91.8	8.7
60°-70°	57.5	5.5
70°-80°	27.3	2.6
80°-90°	5.0	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°	560.8	53.4
0°-40°	737.8	70.2
0°-60°	961.1	91.4
0°-90°	1051.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1051.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1395	
5°	1302	116
15°	805	225
25°	475	219
35°	281	177
45°	168	131
55°	101	92
65°	58	58
75°	25	27
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1394.8
2.5°	1371.7
5°	1302.5
7.5°	1191.9
10°	1055.9
12.5°	922.2
15°	804.6
17.5°	705.5
20°	617.8
22.5°	541.8
25°	474.9
27.5°	415.0
30°	364.3
32.5°	320.5
35°	281.3
37.5°	246.7
40°	216.7
42.5°	191.3
45°	168.3
47.5°	149.9
50°	131.4
52.5°	115.3
55°	101.4
57.5°	89.9
60°	78.4
62.5°	66.9
65°	57.6
67.5°	48.4
70°	41.5
72.5°	32.3
75°	25.4
77.5°	18.4
80°	13.8
82.5°	6.9
85°	4.6
87.5°	0.0
90°	0.0

(END OF REPORT)