

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: P1248457

Luminaire Tested: P3AS05R259027DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248457
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: P3AS05R259027DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

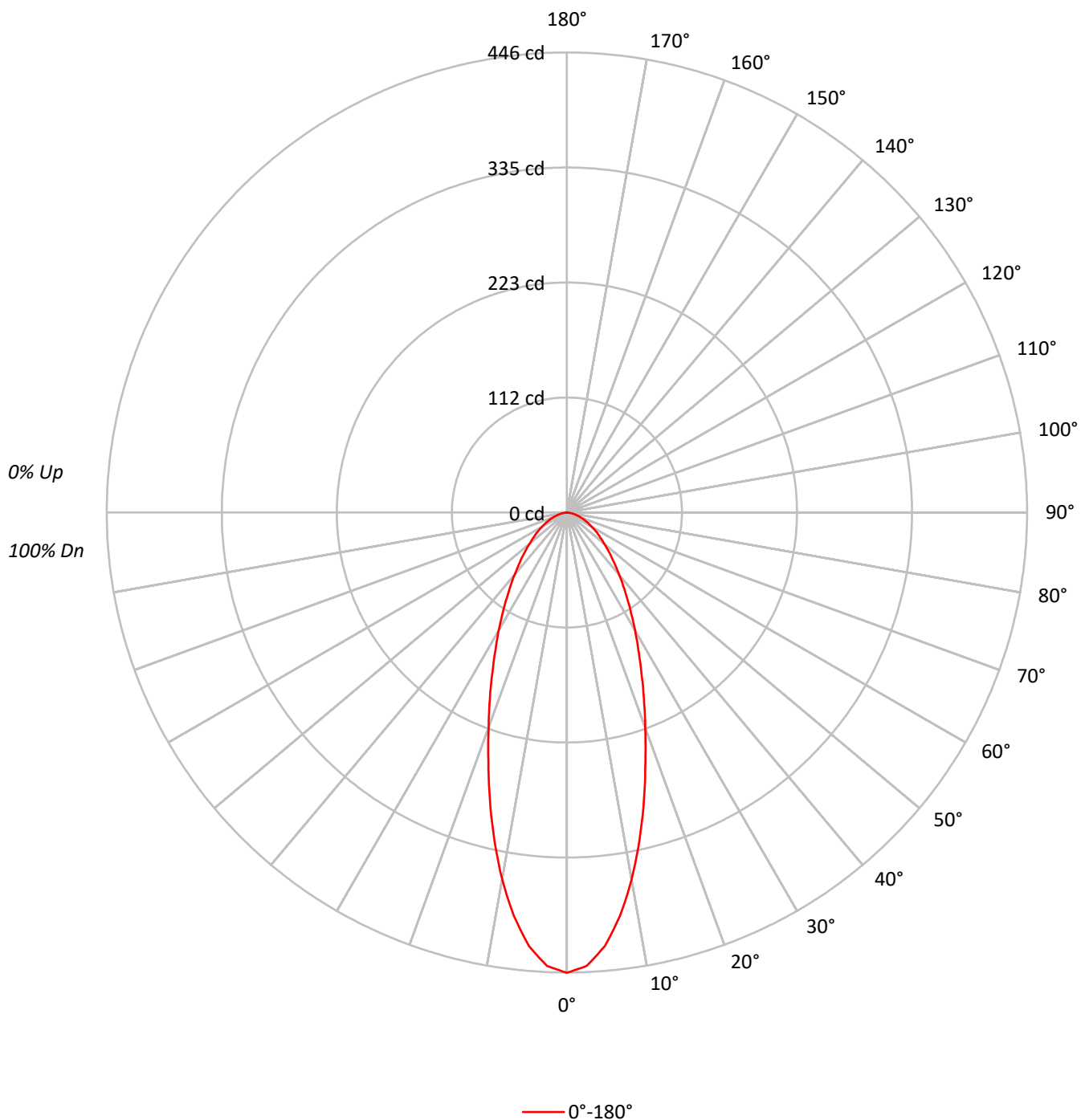
Lumens per Lamp: N/A
Luminaire Lumens: 375.0 lumens
Efficiency: N/A
Efficacy: 52.1 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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°	97843
5°	92868
10°	80448
15°	65494
20°	51758
25°	41252
30°	33448
35°	27251
40°	22585
45°	19010
50°	16102
55°	14183
60°	12411
65°	10844
70°	9489
75°	7964
80°	5935
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19010 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.3	10.2
10°-20°	80.0	21.3
20°-30°	78.8	21.0
30°-40°	64.2	17.1
40°-50°	47.6	12.7
50°-60°	33.3	8.9
60°-70°	20.8	5.6
70°-80°	10.0	2.7
80°-90°	1.9	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°	197.2	52.6
0°-40°	261.3	69.7
0°-60°	342.2	91.3
0°-90°	375.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	375.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	446	
5°	422	38
15°	288	80
25°	170	79
35°	102	64
45°	61	48
55°	37	33
65°	21	21
75°	9	10
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	446.2
2.5°	440.1
5°	421.9
7.5°	394.3
10°	361.3
12.5°	324.9
15°	288.5
17.5°	252.8
20°	221.8
22.5°	194.8
25°	170.5
27.5°	149.6
30°	132.1
32.5°	115.9
35°	101.8
37.5°	89.6
40°	78.9
42.5°	69.4
45°	61.3
47.5°	53.9
50°	47.2
52.5°	41.8
55°	37.1
57.5°	32.4
60°	28.3
62.5°	24.3
65°	20.9
67.5°	17.5
70°	14.8
72.5°	12.1
75°	9.4
77.5°	6.7
80°	4.7
82.5°	2.7
85°	1.3
87.5°	0.7
90°	0.0

(END OF REPORT)