

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: P1251132

Luminaire Tested: P3AS05R209030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251132
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R209030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

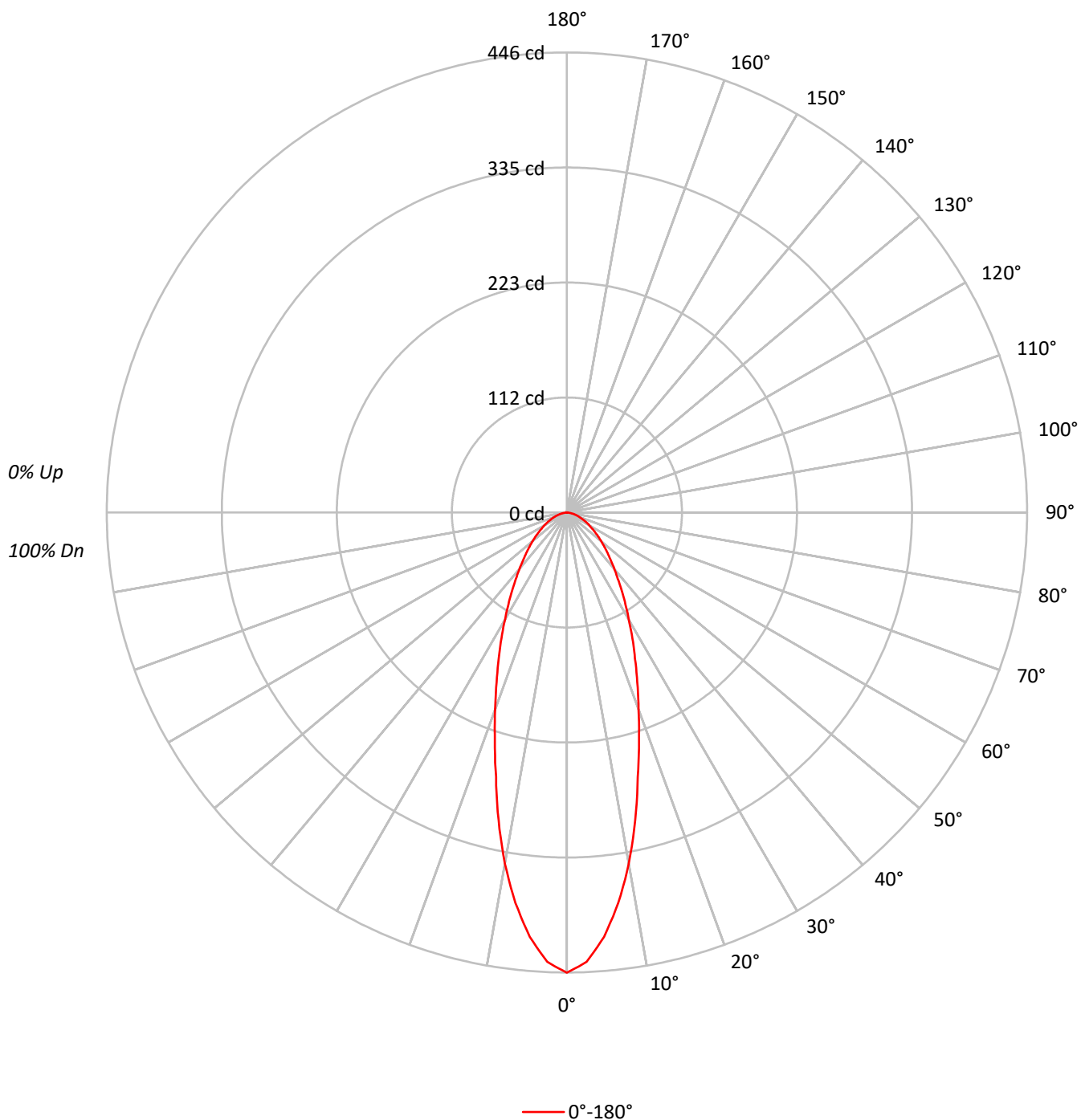
Lumens per Lamp: N/A
Luminaire Lumens: 345.0 lumens
Efficiency: N/A
Efficacy: 47.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87	85	82	80
3	98	90	83	78	96	88	82	78	85	81	77		83	79	75		81	77	74	72
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75	71	67	66
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70	65	62	60
6	81	70	63	58	79	70	63	58	68	62	58		66	61	57		65	60	57	55
7	76	66	59	54	75	65	58	53	64	58	53		62	57	53		61	56	53	51
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57	53	49	47
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54	49	46	44
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51	46	43	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	97843
5°	90887
10°	76975
15°	60250
20°	47417
25°	37793
30°	30384
35°	24788
40°	20496
45°	17273
50°	14805
55°	12731
60°	11096
65°	9755
70°	8335
75°	7371
80°	5430
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17273 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.3	10.8
10°-20°	74.3	21.5
20°-30°	72.1	20.9
30°-40°	58.3	16.9
40°-50°	43.3	12.6
50°-60°	30.1	8.7
60°-70°	18.8	5.5
70°-80°	9.1	2.6
80°-90°	1.6	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°	183.7	53.3
0°-40°	242.0	70.2
0°-60°	315.4	91.4
0°-90°	345.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	345.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	446	
5°	413	37
15°	265	74
25°	156	72
35°	93	58
45°	56	43
55°	33	30
65°	19	19
75°	9	9
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	446.2
2.5°	436.1
5°	412.9
7.5°	381.8
10°	345.7
12.5°	305.9
15°	265.4
17.5°	232.1
20°	203.2
22.5°	177.9
25°	156.2
27.5°	137.4
30°	120.0
32.5°	105.6
35°	92.6
37.5°	81.0
40°	71.6
42.5°	62.9
45°	55.7
47.5°	49.2
50°	43.4
52.5°	38.3
55°	33.3
57.5°	28.9
60°	25.3
62.5°	22.4
65°	18.8
67.5°	15.9
70°	13.0
72.5°	10.8
75°	8.7
77.5°	6.5
80°	4.3
82.5°	2.2
85°	1.4
87.5°	0.0
90°	0.0

(END OF REPORT)