

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: P1269016

Luminaire Tested: P3A05R259740DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269016
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: P3A05R259740DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

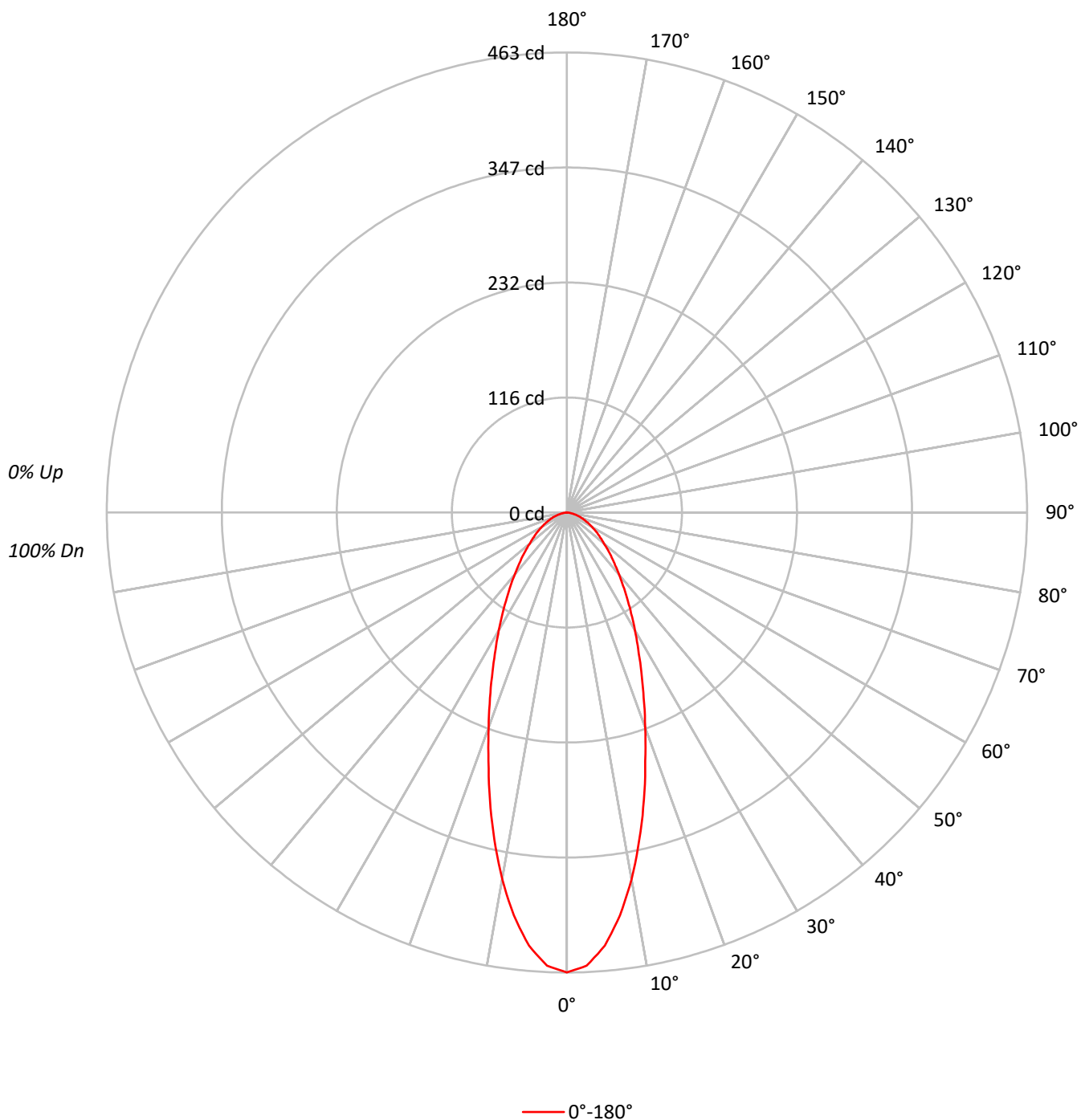
Lumens per Lamp: N/A
Luminaire Lumens: 389.1 lumens
Efficiency: N/A
Efficacy: 54.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	101505
5°	96346
10°	83454
15°	67946
20°	53671
25°	42801
30°	34689
35°	28268
40°	23415
45°	19723
50°	16682
55°	14719
60°	12894
65°	11259
70°	9873
75°	8303
80°	6188
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19723 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.7	10.2
10°-20°	83.0	21.3
20°-30°	81.8	21.0
30°-40°	66.6	17.1
40°-50°	49.4	12.7
50°-60°	34.5	8.9
60°-70°	21.6	5.6
70°-80°	10.4	2.7
80°-90°	2.0	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°	204.5	52.6
0°-40°	271.1	69.7
0°-60°	355.0	91.3
0°-90°	389.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	389.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	463	
5°	438	40
15°	299	83
25°	177	82
35°	106	67
45°	64	49
55°	38	35
65°	22	22
75°	10	10
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	462.9
2.5°	456.6
5°	437.7
7.5°	409.0
10°	374.8
12.5°	337.0
15°	299.3
17.5°	262.2
20°	230.0
22.5°	202.1
25°	176.9
27.5°	155.2
30°	137.0
32.5°	120.3
35°	105.6
37.5°	93.0
40°	81.8
42.5°	72.0
45°	63.6
47.5°	55.9
50°	48.9
52.5°	43.4
55°	38.5
57.5°	33.6
60°	29.4
62.5°	25.2
65°	21.7
67.5°	18.2
70°	15.4
72.5°	12.6
75°	9.8
77.5°	7.0
80°	4.9
82.5°	2.8
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)