

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: P1266605

Luminaire Tested: P3AS05R209735DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266605
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: P3AS05R209735DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

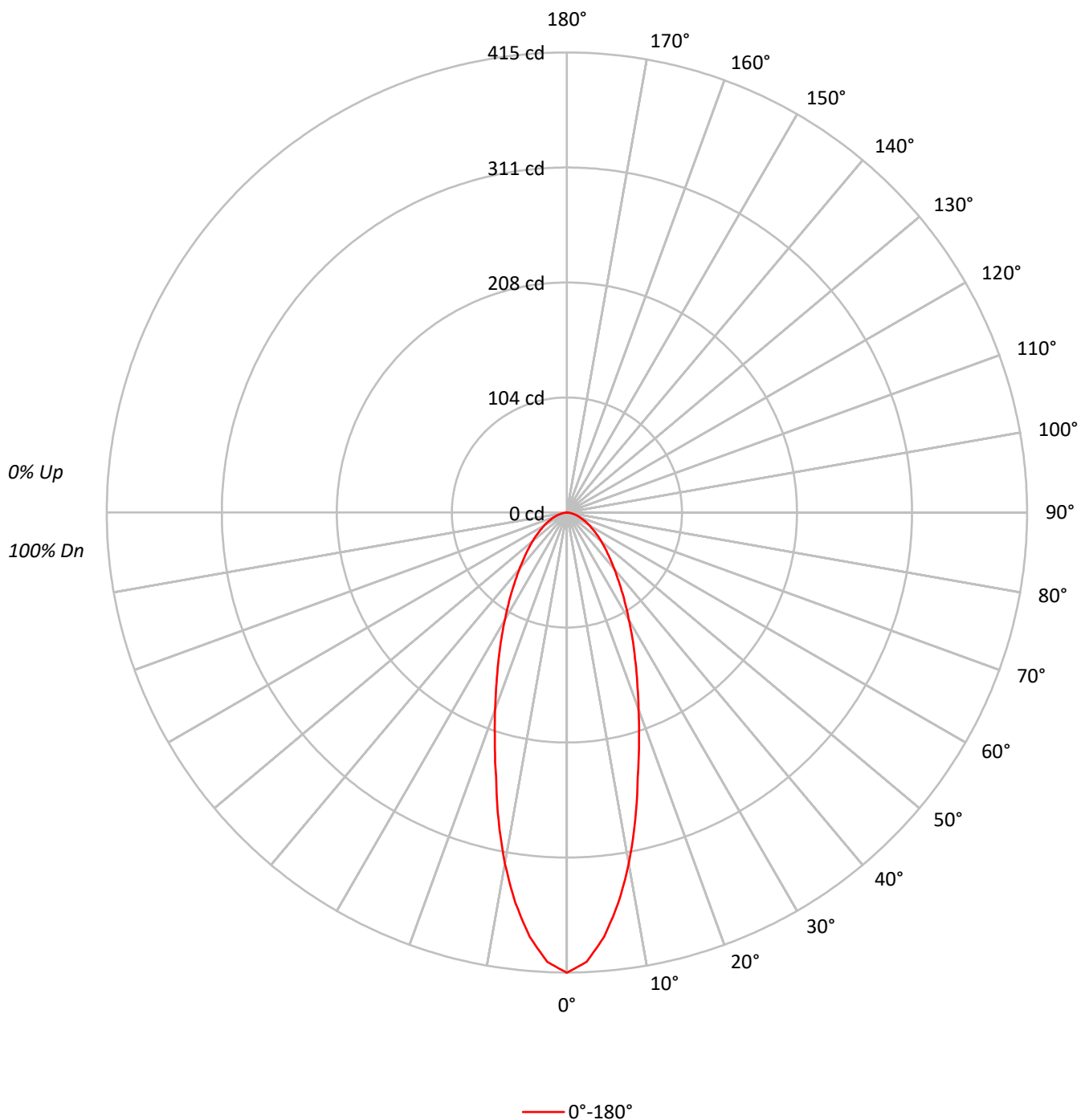
Lumens per Lamp: N/A
Luminaire Lumens: 321.0 lumens
Efficiency: N/A
Efficacy: 44.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1266605

CATALOG NUMBER: P3AS05R209735DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1266605

CATALOG NUMBER: P3AS05R209735DE010 E3PHLD1MW

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	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	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	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	63	57	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	91045
5°	84569
10°	71609
15°	56050
20°	44127
25°	35155
30°	28283
35°	23048
40°	19064
45°	16064
50°	13782
55°	11851
60°	10350
65°	9080
70°	7758
75°	6863
80°	5051
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16064 cd/sqm

TEST NUMBER: P1266605

CATALOG NUMBER: P3AS05R209735DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.7	10.8
10°-20°	69.1	21.5
20°-30°	67.1	20.9
30°-40°	54.2	16.9
40°-50°	40.3	12.6
50°-60°	28.0	8.7
60°-70°	17.6	5.5
70°-80°	8.5	2.7
80°-90°	1.4	0.4
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°	170.9	53.2
0°-40°	225.2	70.1
0°-60°	293.5	91.4
0°-90°	321.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	321.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	415	
5°	384	35
15°	247	69
25°	145	67
35°	86	54
45°	52	40
55°	31	28
65°	18	18
75°	8	9
85°	1	1
90°	0	

TEST NUMBER: P1266605

CATALOG NUMBER: P3AS05R209735DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	415.2
2.5°	405.7
5°	384.2
7.5°	355.3
10°	321.6
12.5°	284.6
15°	246.9
17.5°	216.0
20°	189.1
22.5°	165.5
25°	145.3
27.5°	127.8
30°	111.7
32.5°	98.2
35°	86.1
37.5°	75.4
40°	66.6
42.5°	58.5
45°	51.8
47.5°	45.8
50°	40.4
52.5°	35.7
55°	31.0
57.5°	26.9
60°	23.6
62.5°	20.9
65°	17.5
67.5°	14.8
70°	12.1
72.5°	10.1
75°	8.1
77.5°	6.1
80°	4.0
82.5°	2.0
85°	1.3
87.5°	0.0
90°	0.0

(END OF REPORT)