

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: P1271213

Luminaire Tested: P3AS05R209827DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271213
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: P3AS05R209827DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

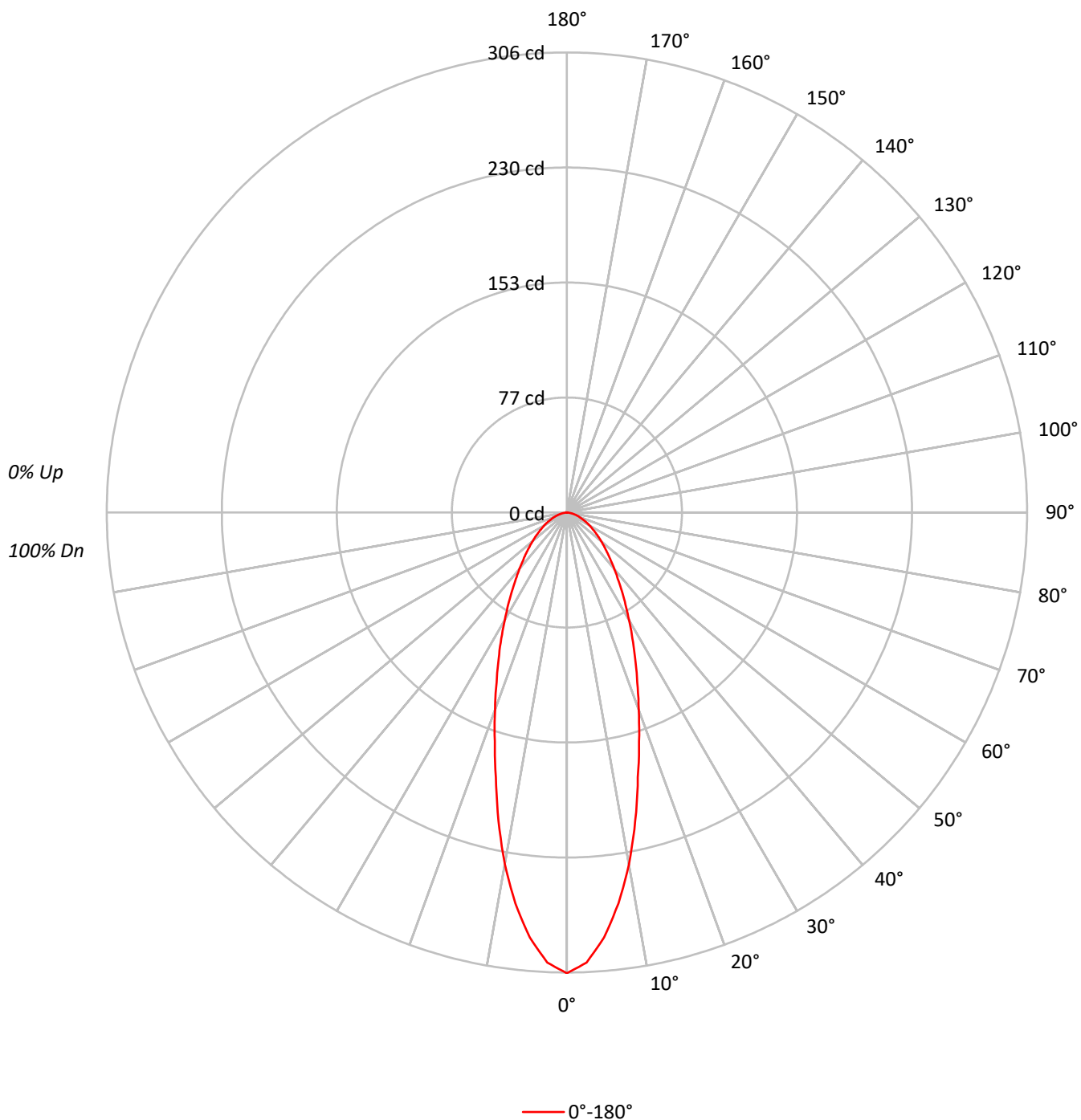
Lumens per Lamp: N/A
Luminaire Lumens: 237.0 lumens
Efficiency: N/A
Efficacy: 32.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1271213

CATALOG NUMBER: P3AS05R209827DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1271213

CATALOG NUMBER: P3AS05R209827DE010 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°	67210
5°	62448
10°	52883
15°	41385
20°	32576
25°	25961
30°	20889
35°	17025
40°	14084
45°	11877
50°	10166
55°	8755
60°	7631
65°	6693
70°	5706
75°	5083
80°	3788
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11877 cd/sqm

TEST NUMBER: P1271213

CATALOG NUMBER: P3AS05R209827DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.6	10.8
10°-20°	51.0	21.5
20°-30°	49.6	20.9
30°-40°	40.0	16.9
40°-50°	29.8	12.6
50°-60°	20.7	8.7
60°-70°	12.9	5.5
70°-80°	6.3	2.7
80°-90°	1.1	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°	126.2	53.2
0°-40°	166.3	70.1
0°-60°	216.7	91.4
0°-90°	237.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	237.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	306	
5°	284	26
15°	182	51
25°	107	50
35°	64	40
45°	38	30
55°	23	21
65°	13	13
75°	6	6
85°	1	1
90°	0	

TEST NUMBER: P1271213

CATALOG NUMBER: P3AS05R209827DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	306.5
2.5°	299.6
5°	283.7
7.5°	262.3
10°	237.5
12.5°	210.1
15°	182.3
17.5°	159.5
20°	139.6
22.5°	122.2
25°	107.3
27.5°	94.4
30°	82.5
32.5°	72.5
35°	63.6
37.5°	55.6
40°	49.2
42.5°	43.2
45°	38.3
47.5°	33.8
50°	29.8
52.5°	26.3
55°	22.9
57.5°	19.9
60°	17.4
62.5°	15.4
65°	12.9
67.5°	10.9
70°	8.9
72.5°	7.5
75°	6.0
77.5°	4.5
80°	3.0
82.5°	1.5
85°	1.0
87.5°	0.0
90°	0.0

(END OF REPORT)