

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: P1249208

Luminaire Tested: P3AS13R209027DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249208
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: P3AS13R209027DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

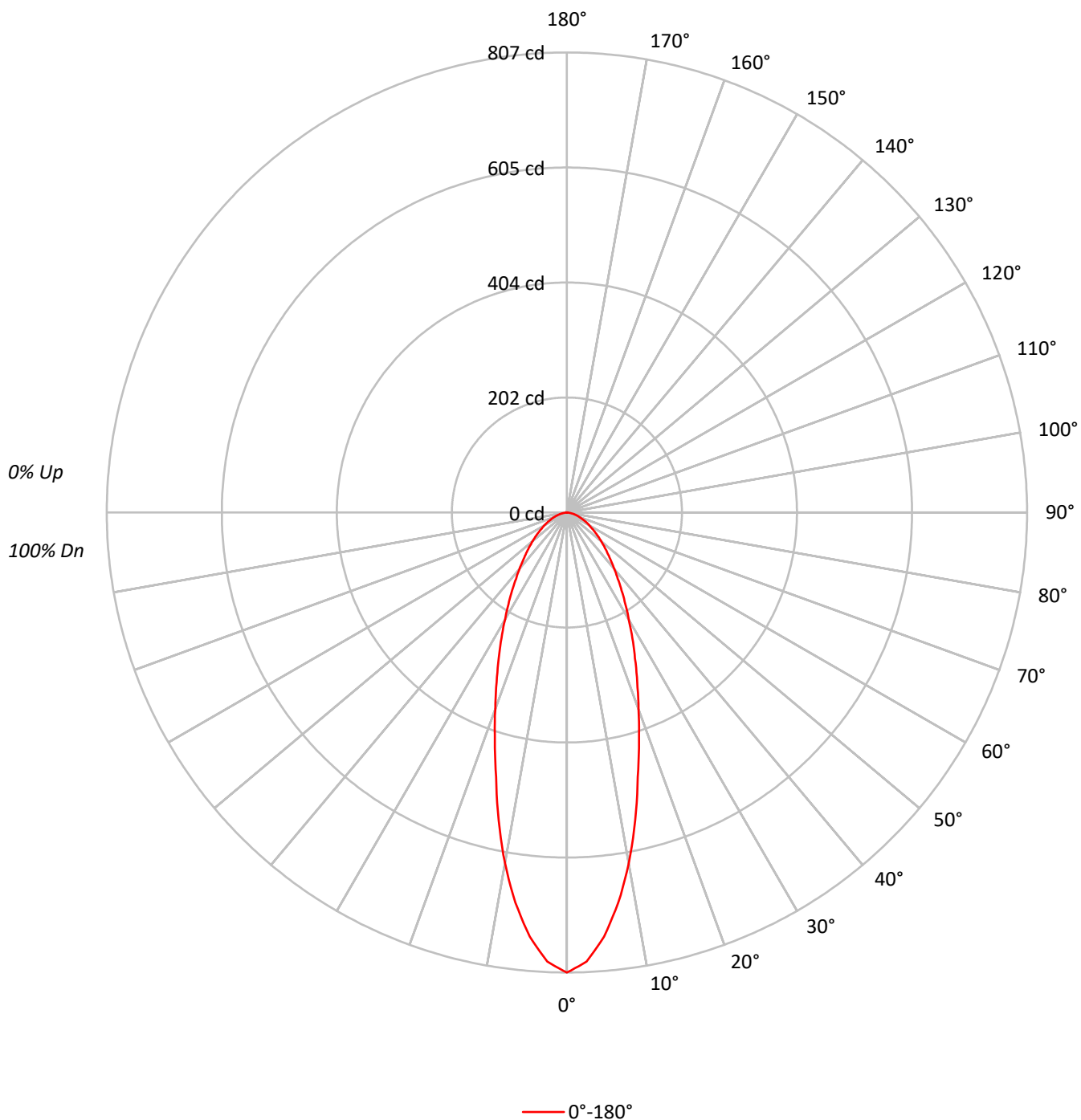
Lumens per Lamp: N/A
Luminaire Lumens: 624.0 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	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	64	58	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°	176960
5°	164406
10°	139209
15°	108968
20°	85757
25°	68351
30°	54970
35°	44812
40°	37069
45°	31228
50°	26780
55°	23015
60°	20086
65°	17641
70°	15067
75°	13302
80°	9850
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31228 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.4	10.8
10°-20°	134.4	21.5
20°-30°	130.5	20.9
30°-40°	105.4	16.9
40°-50°	78.3	12.6
50°-60°	54.4	8.7
60°-70°	34.1	5.5
70°-80°	16.5	2.7
80°-90°	2.8	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°	332.3	53.3
0°-40°	437.7	70.2
0°-60°	570.5	91.4
0°-90°	624.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	624.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	807	
5°	747	67
15°	480	134
25°	282	130
35°	167	105
45°	101	78
55°	60	54
65°	34	34
75°	16	17
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	807.0
2.5°	788.7
5°	746.9
7.5°	690.6
10°	625.2
12.5°	553.3
15°	480.0
17.5°	419.9
20°	367.5
22.5°	321.8
25°	282.5
27.5°	248.5
30°	217.1
32.5°	191.0
35°	167.4
37.5°	146.5
40°	129.5
42.5°	113.8
45°	100.7
47.5°	88.9
50°	78.5
52.5°	69.3
55°	60.2
57.5°	52.3
60°	45.8
62.5°	40.5
65°	34.0
67.5°	28.8
70°	23.5
72.5°	19.6
75°	15.7
77.5°	11.8
80°	7.8
82.5°	3.9
85°	2.6
87.5°	0.0
90°	0.0

(END OF REPORT)