

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: P1270869

Luminaire Tested: P3AS02R209827DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270869
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209827DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

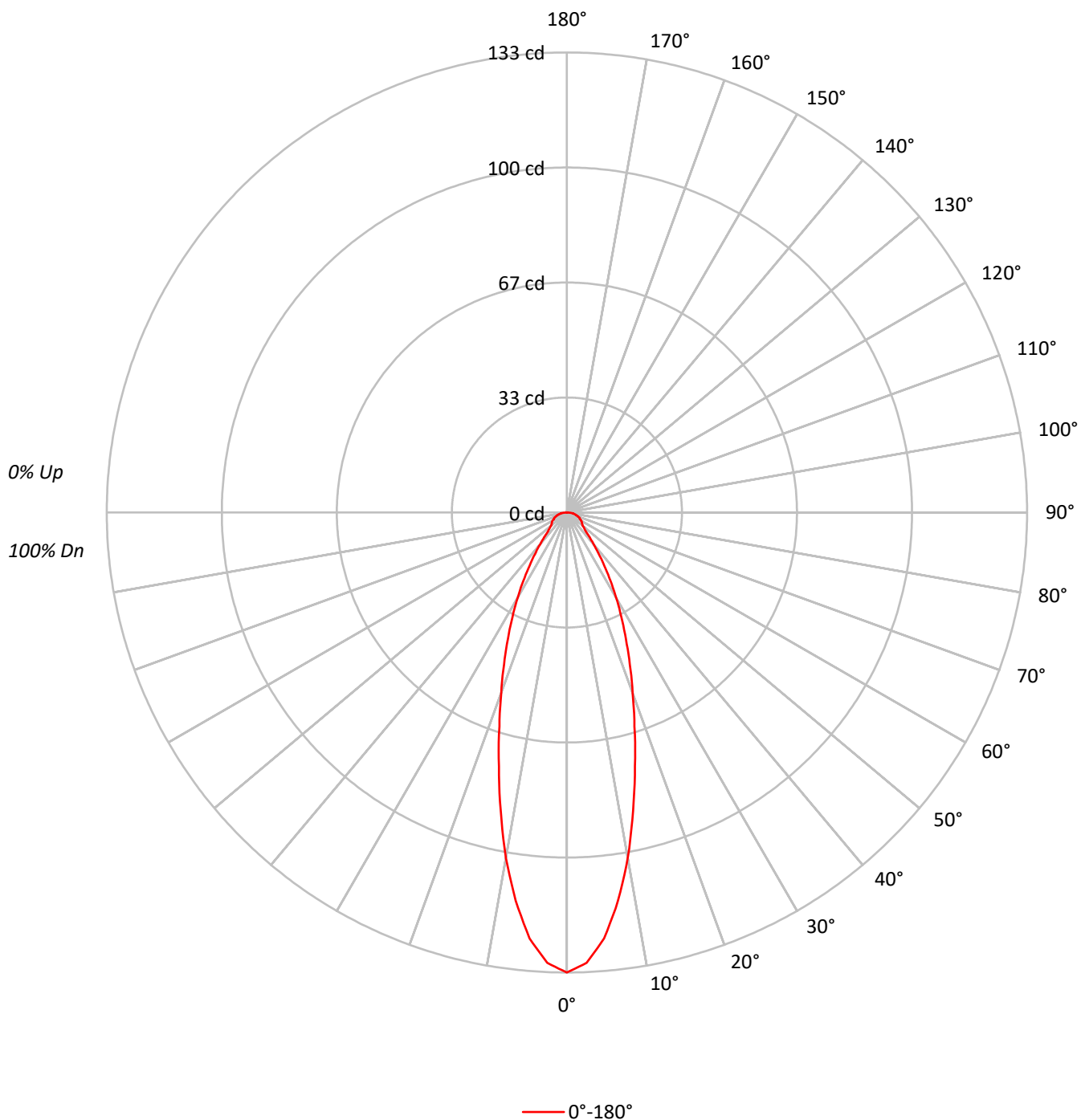
Lumens per Lamp: N/A
Luminaire Lumens: 82.0 lumens
Efficiency: N/A
Efficacy: 22.8 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1270869

CATALOG NUMBER: P3AS02R209827DE010 E3PHLP1MW

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	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	29164
5°	27207
10°	22578
15°	17253
20°	12951
25°	9751
30°	7216
35°	5033
40°	3464
45°	2388
50°	2047
55°	2026
60°	2105
65°	2127
70°	2180
75°	2288
80°	2399
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 2856 cd/sqm

TEST NUMBER: P1270869

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.1	13.5
10°-20°	21.1	25.8
20°-30°	18.6	22.7
30°-40°	12.0	14.6
40°-50°	6.4	7.8
50°-60°	4.8	5.8
60°-70°	4.1	5.0
70°-80°	2.9	3.5
80°-90°	1.1	1.4
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°	50.8	61.9
0°-40°	62.8	76.6
0°-60°	74.0	90.2
0°-90°	82.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	82.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	133	
5°	124	11
15°	76	21
25°	40	19
35°	19	12
45°	8	6
55°	5	5
65°	4	4
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	133.0
2.5°	130.3
5°	123.6
7.5°	113.2
10°	101.4
12.5°	88.3
15°	76.0
17.5°	64.9
20°	55.5
22.5°	47.5
25°	40.3
27.5°	34.0
30°	28.5
32.5°	23.4
35°	18.8
37.5°	15.2
40°	12.1
42.5°	9.7
45°	7.7
47.5°	6.8
50°	6.0
52.5°	5.6
55°	5.3
57.5°	5.1
60°	4.8
62.5°	4.3
65°	4.1
67.5°	3.9
70°	3.4
72.5°	3.1
75°	2.7
77.5°	2.4
80°	1.9
82.5°	1.7
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)