

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: P1261437

Luminaire Tested: P3AS02R209727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261437
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: P3AS02R209727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

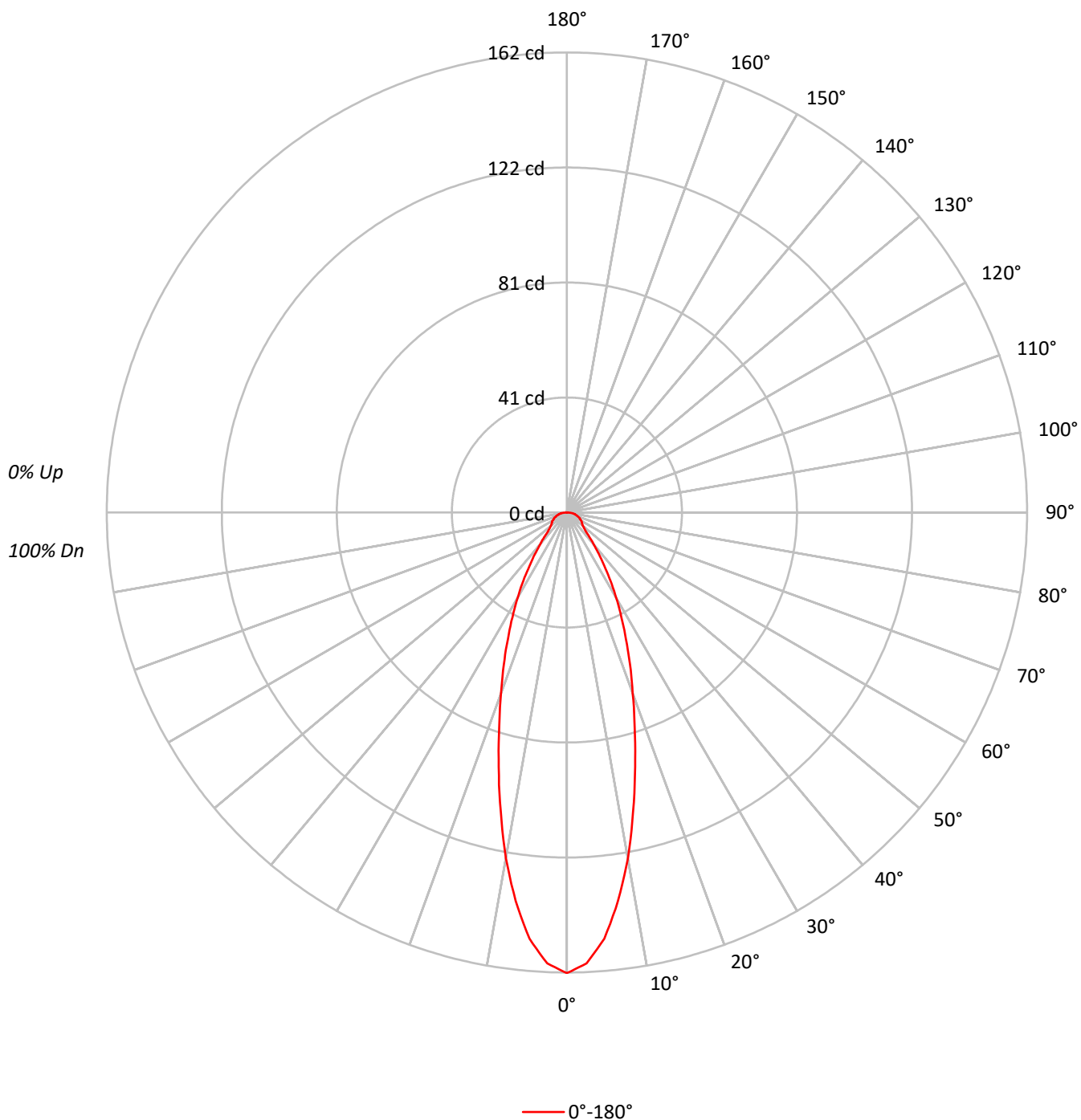
Lumens per Lamp: N/A
Luminaire Lumens: 100.0 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261437

CATALOG NUMBER: P3AS02R209727DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1261437

CATALOG NUMBER: P3AS02R209727DE010 E3PHLP1MW

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	66		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	62	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°	35567
5°	33172
10°	27521
15°	21044
20°	15798
25°	11904
30°	8786
35°	6157
40°	4208
45°	2915
50°	2524
55°	2485
60°	2588
65°	2594
70°	2629
75°	2711
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 3528 cd/sqm

TEST NUMBER: P1261437

CATALOG NUMBER: P3AS02R209727DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.5	13.5
10°-20°	25.8	25.8
20°-30°	22.7	22.7
30°-40°	14.6	14.6
40°-50°	7.8	7.8
50°-60°	5.9	5.9
60°-70°	5.0	5.0
70°-80°	3.5	3.5
80°-90°	1.4	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°	62.0	62.0
0°-40°	76.6	76.6
0°-60°	90.2	90.2
0°-90°	100.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	100.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	162	
5°	151	13
15°	93	26
25°	49	23
35°	23	15
45°	9	8
55°	6	6
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1261437

CATALOG NUMBER: P3AS02R209727DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	162.2
2.5°	158.9
5°	150.7
7.5°	138.0
10°	123.6
12.5°	107.7
15°	92.7
17.5°	79.2
20°	67.7
22.5°	58.0
25°	49.2
27.5°	41.5
30°	34.7
32.5°	28.5
35°	23.0
37.5°	18.5
40°	14.7
42.5°	11.8
45°	9.4
47.5°	8.2
50°	7.4
52.5°	6.8
55°	6.5
57.5°	6.2
60°	5.9
62.5°	5.3
65°	5.0
67.5°	4.7
70°	4.1
72.5°	3.8
75°	3.2
77.5°	2.9
80°	2.4
82.5°	2.1
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)