

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: P1250726

Luminaire Tested: P3AS02R209030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250726
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: P3AS02R209030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

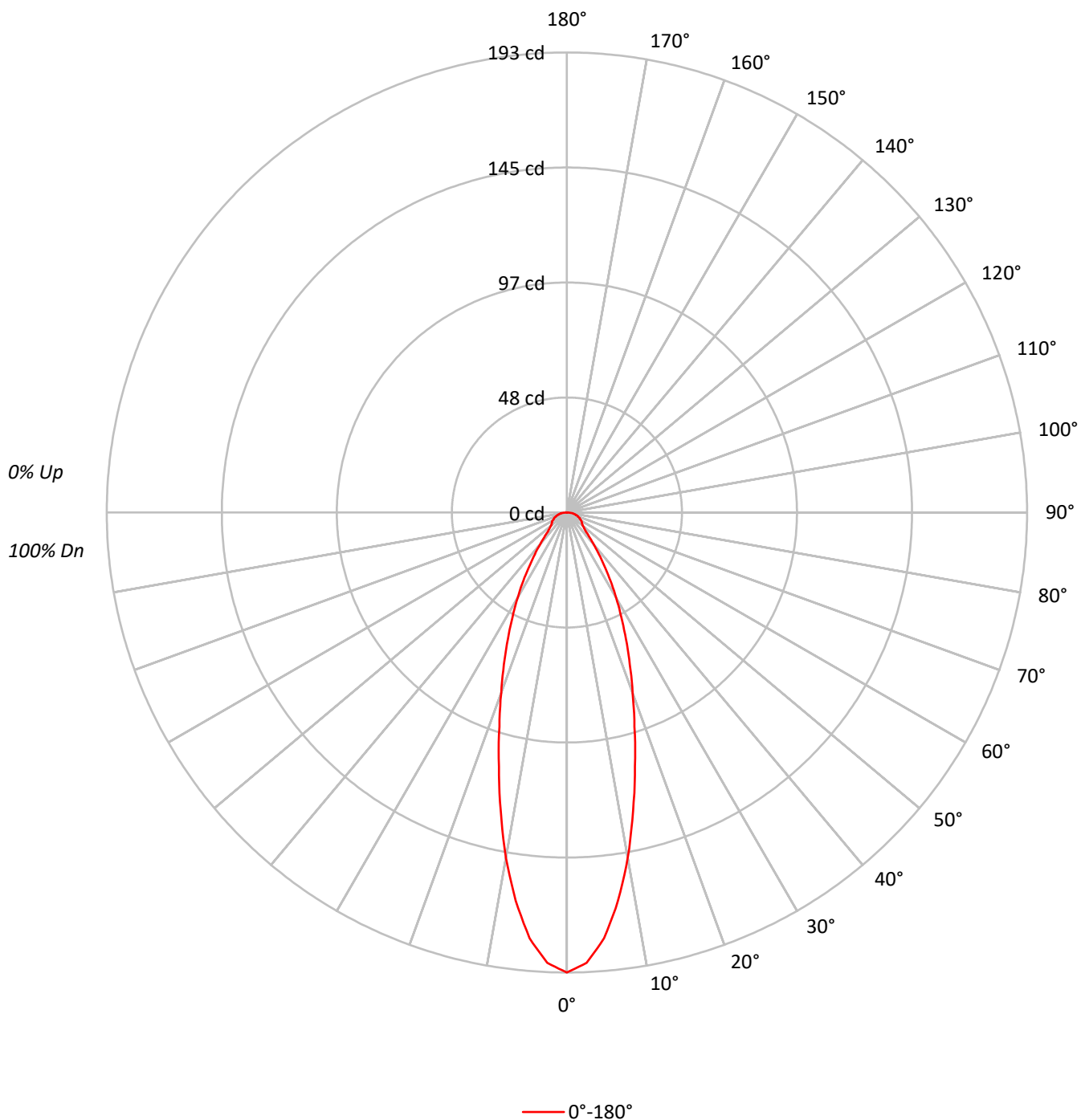
Lumens per Lamp: N/A
Luminaire Lumens: 119.1 lumens
Efficiency: N/A
Efficacy: 33.1 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1250726

CATALOG NUMBER: P3AS02R209030DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1250726

CATALOG NUMBER: P3AS02R209030DE010 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	94		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	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	42321
5°	39467
10°	32754
15°	25040
20°	18808
25°	14154
30°	10457
35°	7308
40°	5009
45°	3473
50°	3002
55°	2944
60°	3070
65°	3113
70°	3142
75°	3304
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 4200 cd/sqm

TEST NUMBER: P1250726

CATALOG NUMBER: P3AS02R209030DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.1	13.5
10°-20°	30.7	25.8
20°-30°	27.0	22.7
30°-40°	17.4	14.6
40°-50°	9.2	7.8
50°-60°	7.0	5.8
60°-70°	5.9	5.0
70°-80°	4.2	3.5
80°-90°	1.6	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°	73.7	61.9
0°-40°	91.2	76.6
0°-60°	107.3	90.2
0°-90°	119.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	119.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	193	
5°	179	16
15°	110	31
25°	58	27
35°	27	17
45°	11	9
55°	8	7
65°	6	6
75°	4	4
85°	1	2
90°	0	

TEST NUMBER: P1250726

CATALOG NUMBER: P3AS02R209030DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	193.0
2.5°	189.1
5°	179.3
7.5°	164.3
10°	147.1
12.5°	128.2
15°	110.3
17.5°	94.2
20°	80.6
22.5°	69.0
25°	58.5
27.5°	49.4
30°	41.3
32.5°	34.0
35°	27.3
37.5°	22.1
40°	17.5
42.5°	14.0
45°	11.2
47.5°	9.8
50°	8.8
52.5°	8.1
55°	7.7
57.5°	7.4
60°	7.0
62.5°	6.3
65°	6.0
67.5°	5.6
70°	4.9
72.5°	4.6
75°	3.9
77.5°	3.5
80°	2.8
82.5°	2.5
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)