

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: P1255344

Luminaire Tested: P3AS20R209035D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255344
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: P3AS20R209035D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

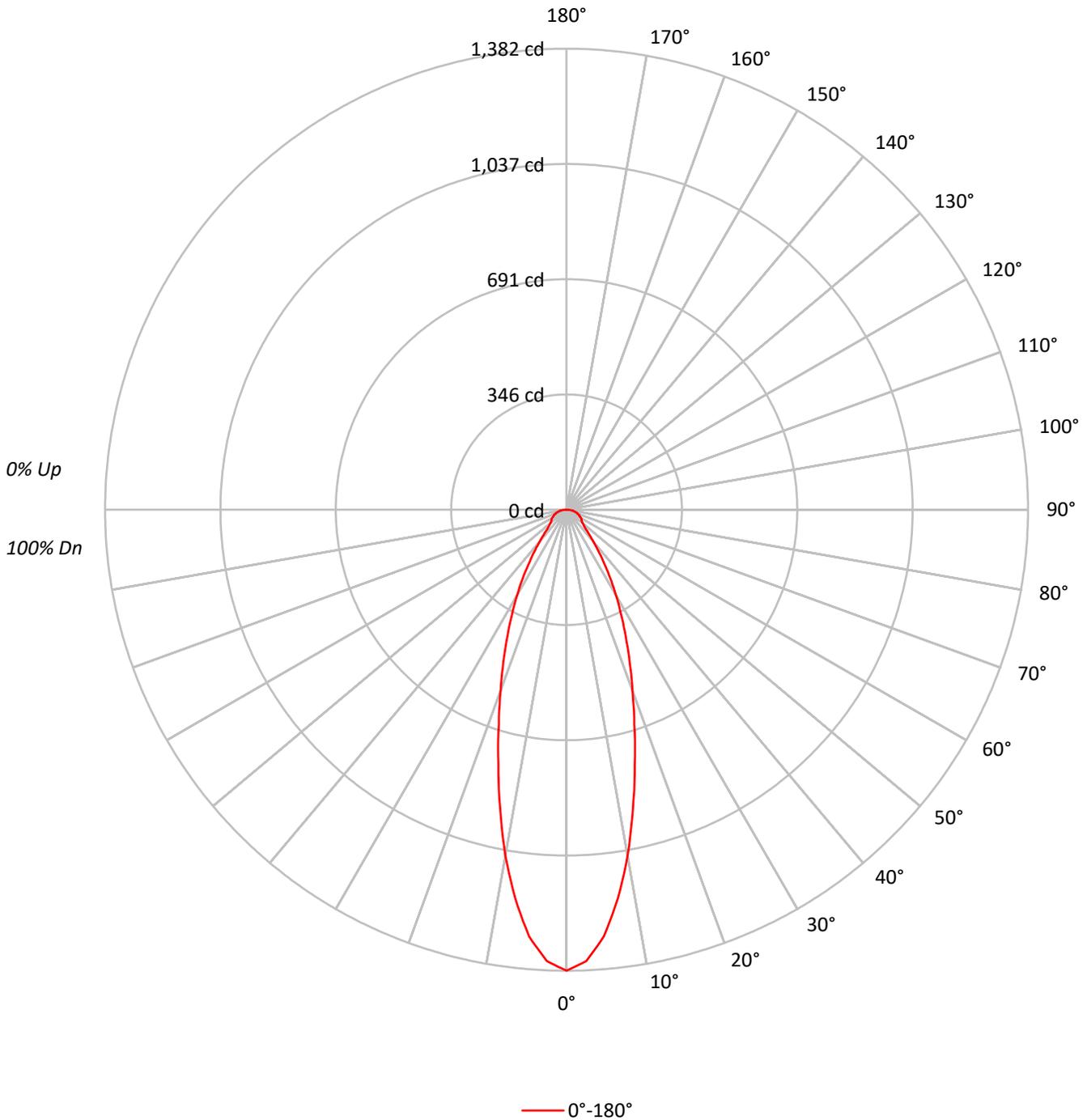
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 852.0 lumens
Efficiency: N/A
Efficacy: 29.6 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): 28.8
Input Voltage (V): NR
Input Current (A_{in}): 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: P1255344
CATALOG NUMBER: P3AS20R209035D010 E3PHLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1255344
 CATALOG NUMBER: P3AS20R209035D010 E3PHLP1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81				81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68				68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63				63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	63	58	78	68	62	58	67	62	57	66	61	57	65	60	57	55				55
8	76	65	59	54	74	65	58	54	64	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	57	52	48	56	51	48	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	302980
5°	282610
10°	234509
15°	179320
20°	134598
25°	101328
30°	74923
35°	52361
40°	35896
45°	24871
50°	21389
55°	21103
60°	22016
65°	22104
70°	22504
75°	23384
80°	25382
85°	25160

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 29568 cd/sqm



TEST NUMBER: P1255344
 CATALOG NUMBER: P3AS20R209035D010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.0	13.5
10°-20°	219.6	25.8
20°-30°	193.2	22.7
30°-40°	124.7	14.6
40°-50°	66.1	7.8
50°-60°	49.7	5.8
60°-70°	42.2	5.0
70°-80°	29.8	3.5
80°-90°	11.6	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°	527.9	62.0
0°-40°	652.6	76.6
0°-60°	768.4	90.2
0°-90°	852.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	852.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1382	
5°	1284	115
15°	790	220
25°	419	193
35°	196	125
45°	80	66
55°	55	50
65°	43	42
75°	28	30
85°	10	12
90°	0	



TEST NUMBER: P1255344
CATALOG NUMBER: P3AS20R209035D010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	1381.7
2.5°	1354.1
5°	1283.9
7.5°	1176.1
10°	1053.2
12.5°	917.8
15°	789.9
17.5°	674.6
20°	576.8
22.5°	494.0
25°	418.8
27.5°	353.6
30°	295.9
32.5°	243.2
35°	195.6
37.5°	158.0
40°	125.4
42.5°	100.3
45°	80.2
47.5°	70.2
50°	62.7
52.5°	57.7
55°	55.2
57.5°	52.7
60°	50.2
62.5°	45.1
65°	42.6
67.5°	40.1
70°	35.1
72.5°	32.6
75°	27.6
77.5°	25.1
80°	20.1
82.5°	17.6
85°	10.0
87.5°	5.0
90°	0.0

(END OF REPORT)