

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: P1268118

Luminaire Tested: P3A20R209735D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268118
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: P3A20R209735D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

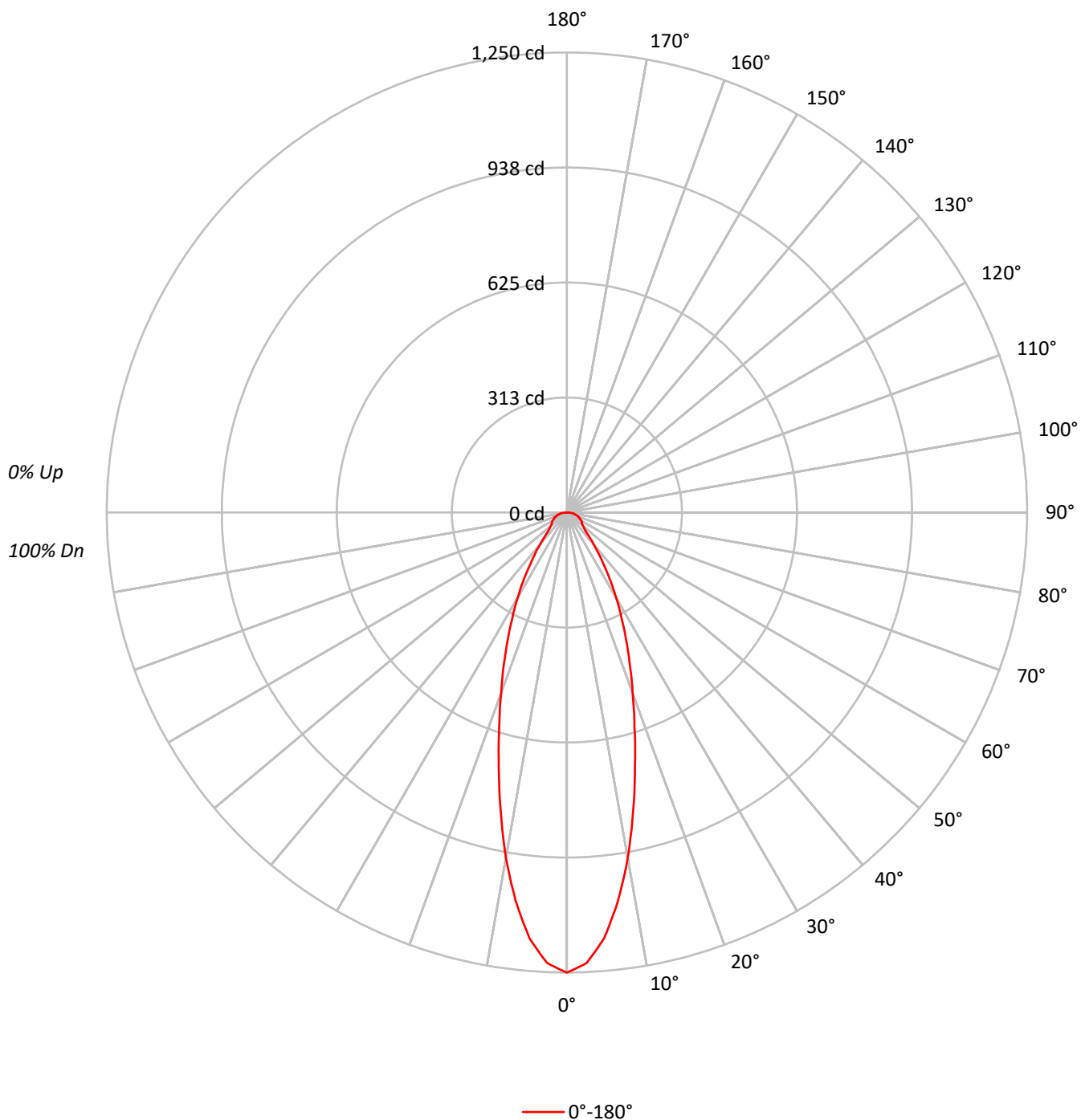
Lumens per Lamp: N/A
Luminaire Lumens: 771.0 lumens
Efficiency: N/A
Efficacy: 26.8 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	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	64	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		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	274167
5°	255733
10°	212221
15°	162271
20°	121787
25°	91699
30°	67808
35°	47382
40°	32489
45°	22514
50°	19343
55°	19077
60°	19911
65°	20028
70°	20388
75°	21181
80°	22983
85°	22895

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 26712 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.1	13.5
10°-20°	198.8	25.8
20°-30°	174.9	22.7
30°-40°	112.9	14.6
40°-50°	59.8	7.8
50°-60°	45.0	5.8
60°-70°	38.2	5.0
70°-80°	27.0	3.5
80°-90°	10.5	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°	477.7	62.0
0°-40°	590.6	76.6
0°-60°	695.3	90.2
0°-90°	771.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	771.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1250	
5°	1162	104
15°	715	199
25°	379	175
35°	177	113
45°	73	60
55°	50	45
65°	39	38
75°	25	27
85°	9	11
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1250.3
2.5°	1225.4
5°	1161.8
7.5°	1064.3
10°	953.1
12.5°	830.5
15°	714.8
17.5°	610.4
20°	521.9
22.5°	447.0
25°	379.0
27.5°	320.0
30°	267.8
32.5°	220.1
35°	177.0
37.5°	143.0
40°	113.5
42.5°	90.8
45°	72.6
47.5°	63.5
50°	56.7
52.5°	52.2
55°	49.9
57.5°	47.7
60°	45.4
62.5°	40.8
65°	38.6
67.5°	36.3
70°	31.8
72.5°	29.5
75°	25.0
77.5°	22.7
80°	18.2
82.5°	15.9
85°	9.1
87.5°	4.5
90°	0.0

(END OF REPORT)