

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: P1263424

Luminaire Tested: P3A20R309727D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263424
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R309727D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

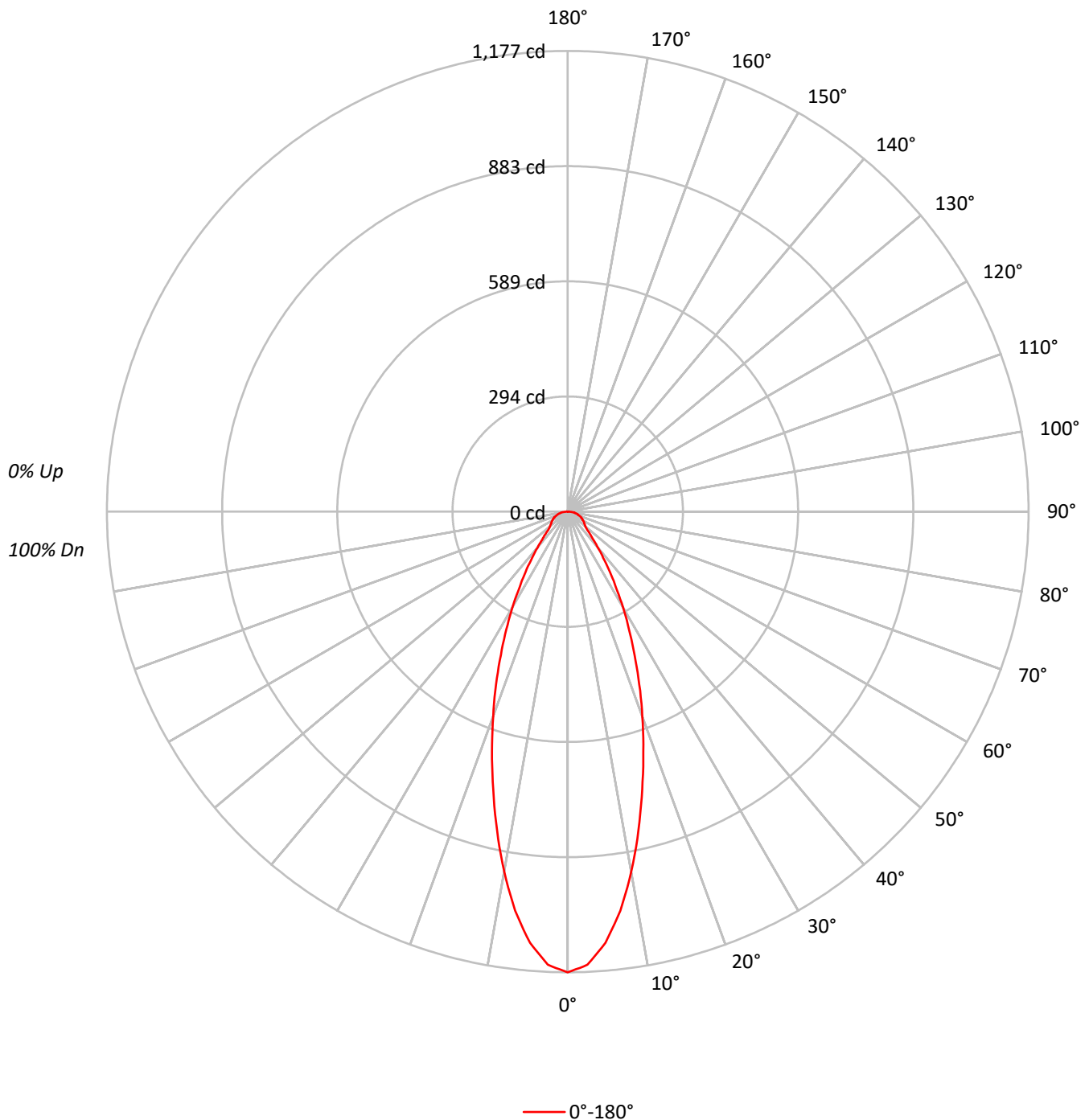
Lumens per Lamp: N/A
Luminaire Lumens: 795.0 lumens
Efficiency: N/A
Efficacy: 27.6 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	258115
5°	243385
10°	208057
15°	166721
20°	129955
25°	97723
30°	71277
35°	50246
40°	34465
45°	24685
50°	20195
55°	19498
60°	19691
65°	20132
70°	20901
75°	22452
80°	23235
85°	25663

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 27384 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.0	12.6
10°-20°	204.1	25.7
20°-30°	185.9	23.4
30°-40°	118.3	14.9
40°-50°	63.4	8.0
50°-60°	46.3	5.8
60°-70°	38.9	4.9
70°-80°	27.2	3.4
80°-90°	10.8	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°	490.1	61.6
0°-40°	608.4	76.5
0°-60°	718.1	90.3
0°-90°	795.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	795.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1177	
5°	1106	100
15°	734	204
25°	404	186
35°	188	118
45°	80	63
55°	51	46
65°	39	39
75°	26	27
85°	10	11
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1177.1
2.5°	1158.8
5°	1105.7
7.5°	1028.2
10°	934.4
12.5°	834.4
15°	734.4
17.5°	642.6
20°	556.9
22.5°	477.4
25°	403.9
27.5°	338.7
30°	281.5
32.5°	228.5
35°	187.7
37.5°	148.9
40°	120.4
42.5°	95.9
45°	79.6
47.5°	65.3
50°	59.2
52.5°	55.1
55°	51.0
57.5°	49.0
60°	44.9
62.5°	42.8
65°	38.8
67.5°	36.7
70°	32.6
72.5°	28.6
75°	26.5
77.5°	22.4
80°	18.4
82.5°	16.3
85°	10.2
87.5°	4.1
90°	0.0

(END OF REPORT)