

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: P1247793

Luminaire Tested: P3A20R609024D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247793
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R609024D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

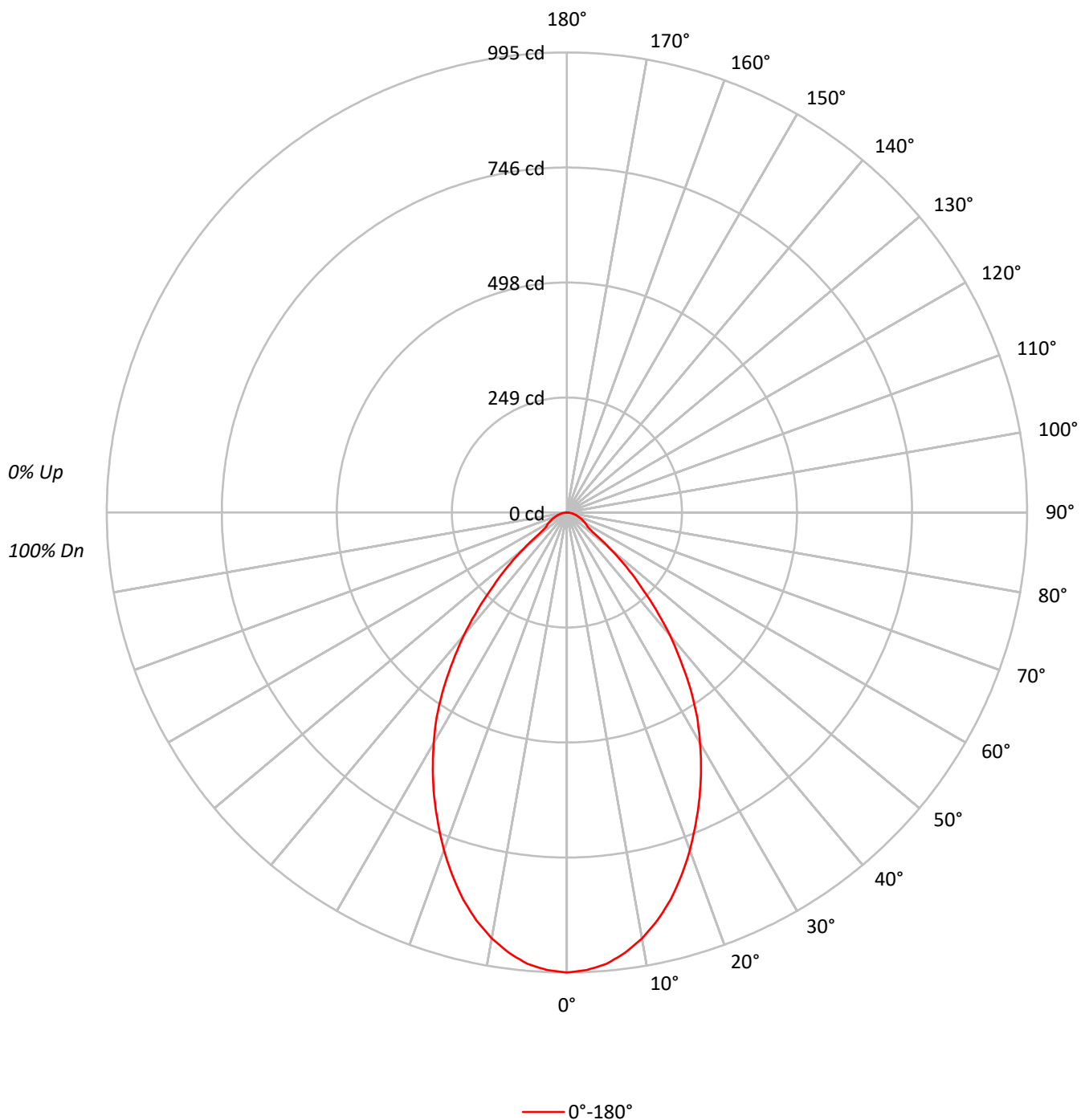
Lumens per Lamp: N/A
Luminaire Lumens: 1229.0 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	106	103	110	107	104	101	102	100	98		99	97	95		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	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	218162
5°	215716
10°	208235
15°	196732
20°	181339
25°	164211
30°	145795
35°	124584
40°	99071
45°	69837
50°	41721
55°	21103
60°	20262
65°	18575
70°	17182
75°	16436
80°	15027
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 69837 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.1	7.5
10°-20°	242.2	19.7
20°-30°	311.0	25.3
30°-40°	288.3	23.5
40°-50°	175.5	14.3
50°-60°	58.5	4.8
60°-70°	35.6	2.9
70°-80°	20.1	1.6
80°-90°	5.7	0.5
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°	645.3	52.5
0°-40°	933.6	76.0
0°-60°	1167.6	95.0
0°-90°	1229.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1229.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	995	
5°	980	92
15°	867	242
25°	679	311
35°	465	288
45°	225	176
55°	55	58
65°	36	36
75°	19	20
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	994.9
2.5°	990.4
5°	980.0
7.5°	960.6
10°	935.2
12.5°	903.9
15°	866.6
17.5°	823.4
20°	777.1
22.5°	727.9
25°	678.7
27.5°	628.0
30°	575.8
32.5°	523.6
35°	465.4
37.5°	404.2
40°	346.1
42.5°	284.9
45°	225.2
47.5°	174.5
50°	122.3
52.5°	73.1
55°	55.2
57.5°	50.7
60°	46.2
62.5°	40.3
65°	35.8
67.5°	31.3
70°	26.8
72.5°	22.4
75°	19.4
77.5°	14.9
80°	11.9
82.5°	7.5
85°	4.5
87.5°	3.0
90°	0.0

(END OF REPORT)