

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: P1247649

Luminaire Tested: P3A20R359024D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247649
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R359024D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

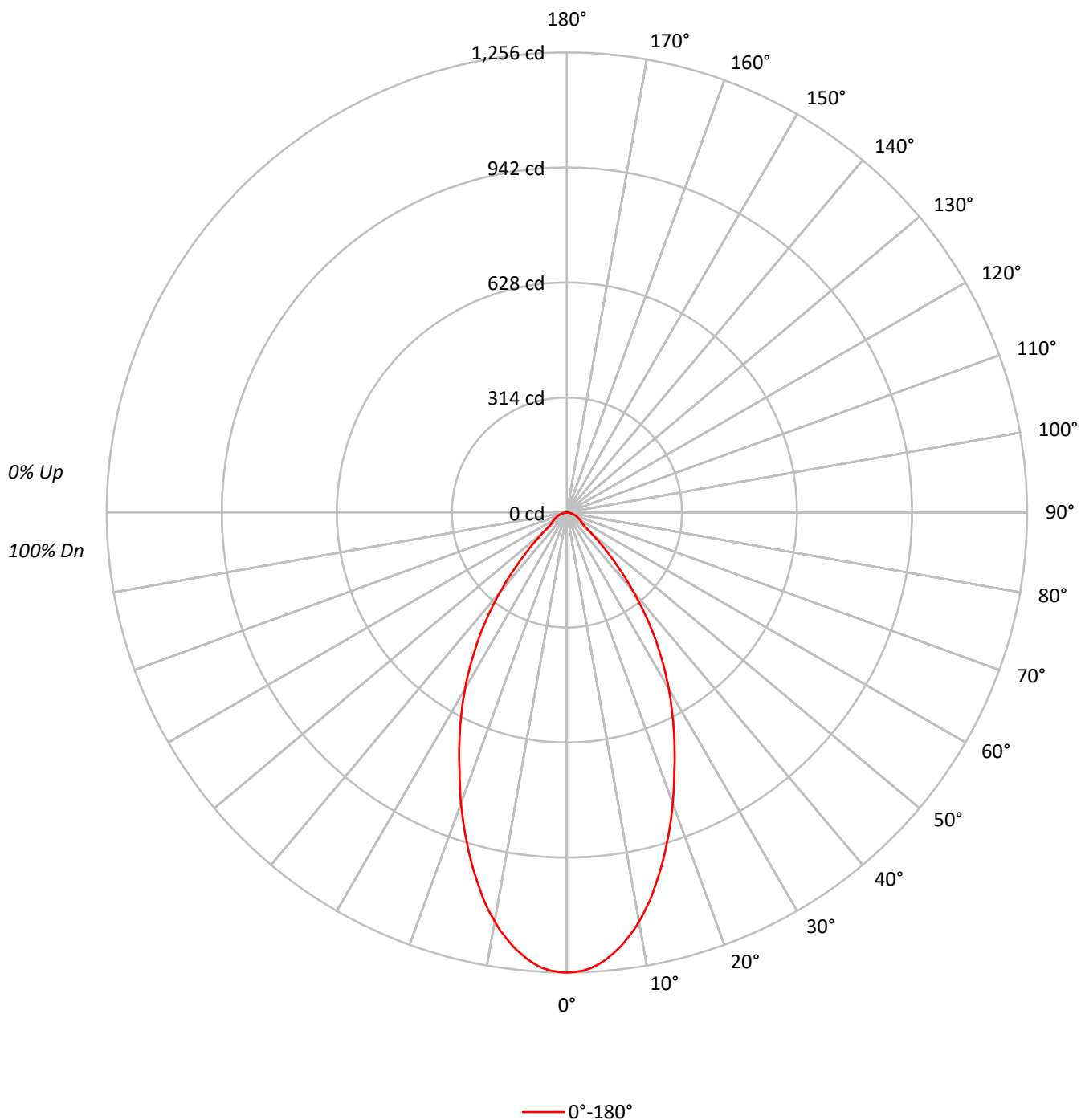
Lumens per Lamp: N/A
Luminaire Lumens: 1206.0 lumens
Efficiency: N/A
Efficacy: 41.9 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	275482
5°	269645
10°	252523
15°	226676
20°	197184
25°	168034
30°	140756
35°	112110
40°	81066
45°	51292
50°	27973
55°	19383
60°	18288
65°	17019
70°	16221
75°	13895
80°	13133
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 51292 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.0	9.5
10°-20°	277.9	23.0
20°-30°	318.4	26.4
30°-40°	259.8	21.5
40°-50°	131.0	10.9
50°-60°	48.7	4.0
60°-70°	32.6	2.7
70°-80°	18.1	1.5
80°-90°	5.5	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°	710.3	58.9
0°-40°	970.1	80.4
0°-60°	1149.8	95.3
0°-90°	1206.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1206.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1256	
5°	1225	114
15°	998	278
25°	694	318
35°	419	260
45°	165	131
55°	51	49
65°	33	33
75°	16	18
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1256.3
1°	1254.8
2°	1251.8
3°	1245.9
4°	1236.9
5°	1225.0
6°	1210.1
7°	1195.2
8°	1175.8
9°	1156.5
10°	1134.1
11°	1110.3
12°	1084.9
13°	1056.6
14°	1026.8
15°	998.5
17.5°	922.5
20°	845.0
22.5°	766.0
25°	694.5
27.5°	624.4
30°	555.9
32.5°	487.3
35°	418.8
37.5°	350.2
40°	283.2
42.5°	220.6
45°	165.4
47.5°	119.2
50°	82.0
52.5°	59.6
55°	50.7
57.5°	46.2
60°	41.7
62.5°	37.3
65°	32.8
67.5°	28.3
70°	25.3
72.5°	20.9
75°	16.4
77.5°	13.4
80°	10.4
82.5°	7.5
85°	4.5
87.5°	3.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)