

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: P1250394

Luminaire Tested: P3AS24R409027D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250394
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R409027D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

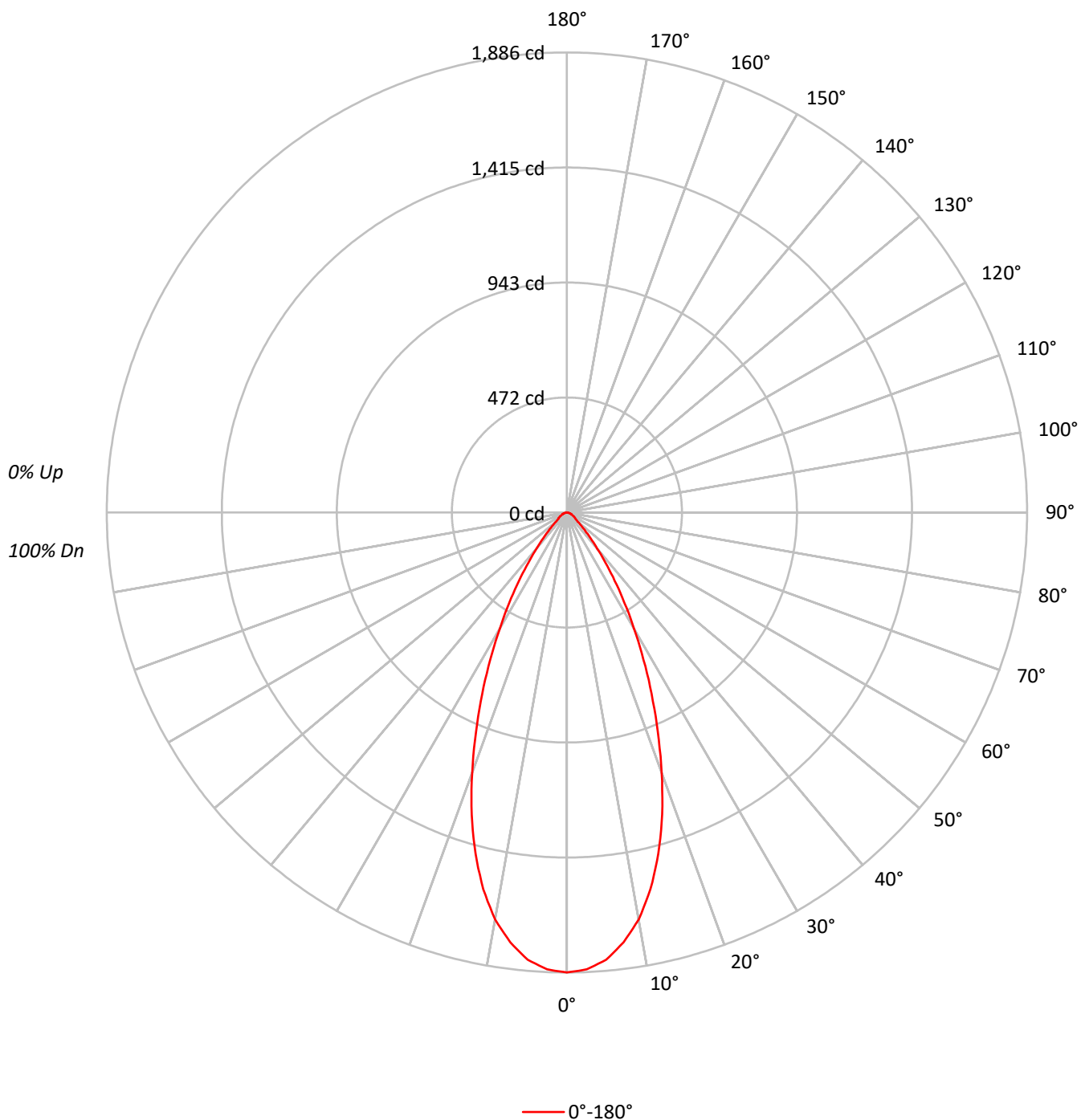
Lumens per Lamp: N/A
Luminaire Lumens: 1327.9 lumens
Efficiency: N/A
Efficacy: 46.1 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	413498
5°	405128
10°	377214
15°	328765
20°	264950
25°	198592
30°	139616
35°	91470
40°	55389
45°	33089
50°	19752
55°	15904
60°	14253
65°	12193
70°	11605
75°	9150
80°	9092
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 33089 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.9	12.9
10°-20°	398.9	30.0
20°-30°	375.9	28.3
30°-40°	217.3	16.4
40°-50°	86.6	6.5
50°-60°	38.3	2.9
60°-70°	23.7	1.8
70°-80°	12.4	0.9
80°-90°	3.9	0.3
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°	945.7	71.2
0°-40°	1163.0	87.6
0°-60°	1288.0	97.0
0°-90°	1327.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1327.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1886	
5°	1840	171
15°	1448	399
25°	821	376
35°	342	217
45°	107	87
55°	42	38
65°	24	24
75°	11	12
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1885.7
2.5°	1874.9
5°	1840.5
7.5°	1777.3
10°	1694.1
12.5°	1582.0
15°	1448.2
17.5°	1298.1
20°	1135.4
22.5°	972.7
25°	820.8
27.5°	679.8
30°	551.4
32.5°	439.3
35°	341.7
37.5°	258.5
40°	193.5
42.5°	144.6
45°	106.7
47.5°	77.7
50°	57.9
52.5°	47.0
55°	41.6
57.5°	38.0
60°	32.5
62.5°	27.1
65°	23.5
67.5°	19.9
70°	18.1
72.5°	14.5
75°	10.8
77.5°	9.0
80°	7.2
82.5°	5.4
85°	3.6
87.5°	1.8
90°	0.0

(END OF REPORT)