

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: P1260956

Luminaire Tested: P3AS24R159050D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260956
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159050D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

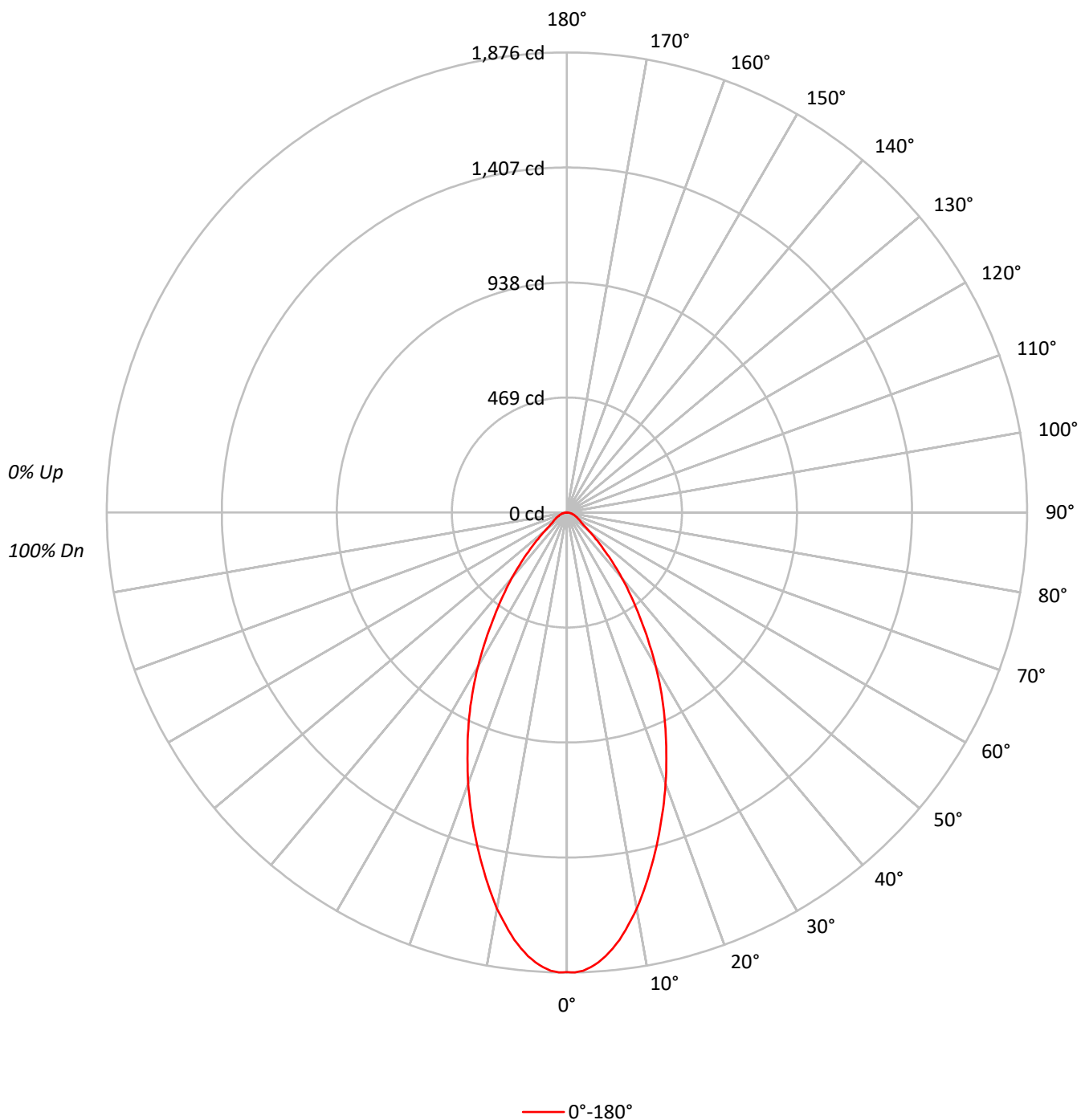
Lumens per Lamp: N/A
Luminaire Lumens: 1629.0 lumens
Efficiency: N/A
Efficacy: 56.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1260956

CATALOG NUMBER: P3AS24R159050D010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1260956

CATALOG NUMBER: P3AS24R159050D010 E3DLD1MW

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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	410888
5°	399735
10°	365302
15°	319979
20°	274494
25°	229175
30°	183421
35°	137567
40°	99844
45°	65278
50°	40834
55°	27602
60°	24428
65°	22467
70°	21157
75°	19232
80°	18184
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 65278 cd/sqm

TEST NUMBER: P1260956

CATALOG NUMBER: P3AS24R159050D010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.6	10.3
10°-20°	392.7	24.1
20°-30°	432.7	26.6
30°-40°	324.1	19.9
40°-50°	168.0	10.3
50°-60°	69.6	4.3
60°-70°	43.1	2.6
70°-80°	24.2	1.5
80°-90°	7.0	0.4
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°	993.0	61.0
0°-40°	1317.1	80.9
0°-60°	1554.6	95.4
0°-90°	1629.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1629.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1874	
5°	1816	168
15°	1410	393
25°	947	433
35°	514	324
45°	210	168
55°	72	70
65°	43	43
75°	23	24
85°	6	7
90°	0	

TEST NUMBER: P1260956

CATALOG NUMBER: P3AS24R159050D010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1873.8
1°	1875.9
2°	1869.7
3°	1857.3
4°	1838.7
5°	1816.0
6°	1787.2
7°	1756.2
8°	1719.1
9°	1679.8
10°	1640.6
12.5°	1527.1
15°	1409.5
17.5°	1291.9
20°	1176.3
22.5°	1058.7
25°	947.2
27.5°	835.8
30°	724.4
32.5°	615.0
35°	513.9
37.5°	427.2
40°	348.8
42.5°	276.5
45°	210.5
47.5°	158.9
50°	119.7
52.5°	88.7
55°	72.2
57.5°	64.0
60°	55.7
62.5°	49.5
65°	43.3
67.5°	37.1
70°	33.0
72.5°	26.8
75°	22.7
77.5°	18.6
80°	14.4
82.5°	10.3
85°	6.2
87.5°	2.1
90°	0.0

(END OF REPORT)