

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: P1246083

Luminaire Tested: P3A05R259024DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246083
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R259024DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

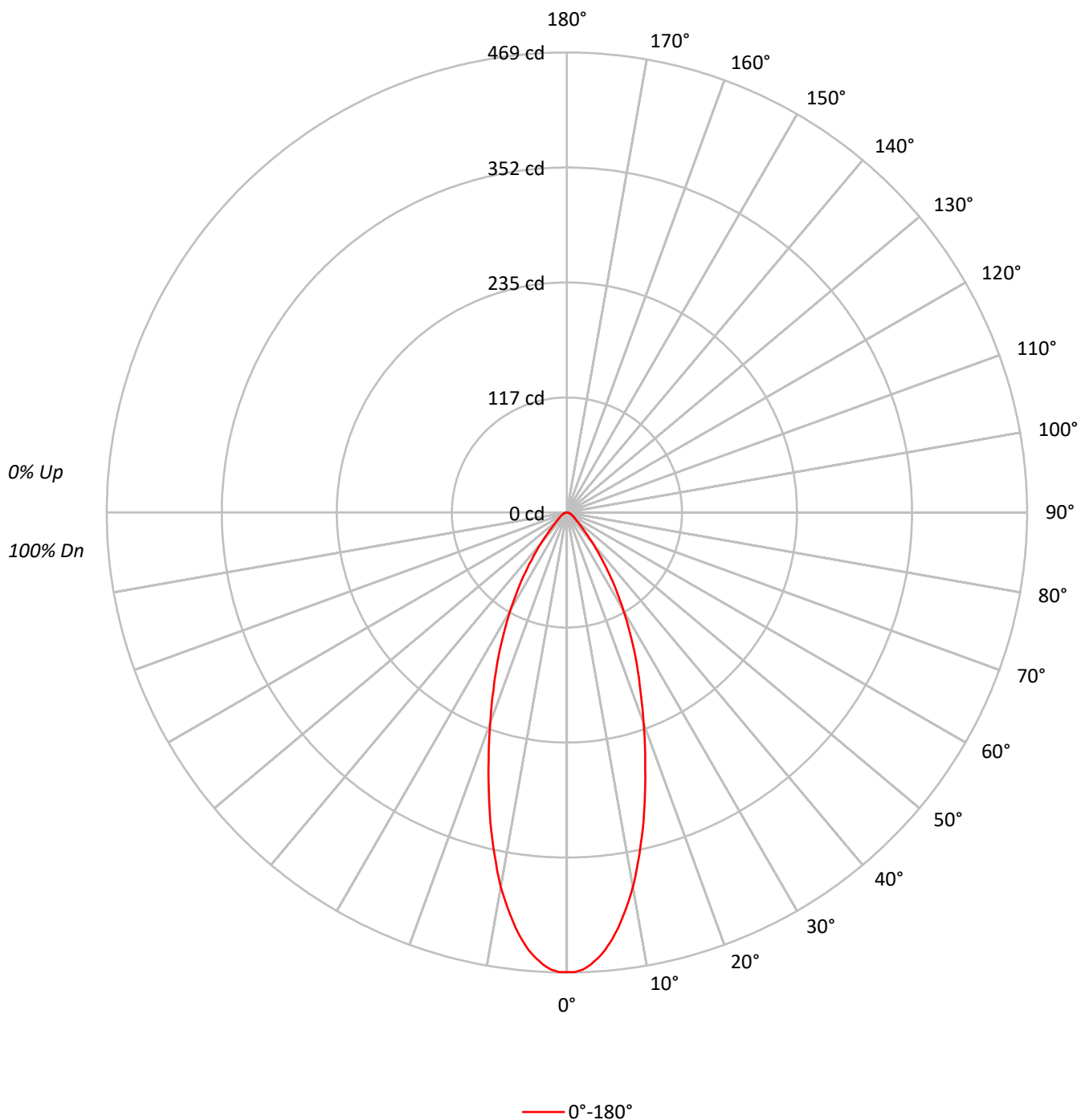
Lumens per Lamp: N/A
Luminaire Lumens: 283.0 lumens
Efficiency: N/A
Efficacy: 39.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1246083

CATALOG NUMBER: P3A05R259024DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1246083

CATALOG NUMBER: P3A05R259024DE010 E3DLP1MW

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	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	102755
5°	98569
10°	86349
15°	69422
20°	53321
25°	40357
30°	29169
35°	19381
40°	11736
45°	6853
50°	4367
55°	3555
60°	3114
65°	2750
70°	2244
75°	2203
80°	1642
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6853 cd/sqm

TEST NUMBER: P1246083

CATALOG NUMBER: P3A05R259024DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.8	14.4
10°-20°	84.6	29.9
20°-30°	76.5	27.0
30°-40°	45.9	16.2
40°-50°	18.3	6.5
50°-60°	8.4	3.0
60°-70°	5.1	1.8
70°-80°	2.7	1.0
80°-90°	0.8	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°	201.8	71.3
0°-40°	247.7	87.5
0°-60°	274.4	97.0
0°-90°	283.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	283.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	469	
5°	448	41
15°	306	85
25°	167	76
35°	72	46
45°	22	18
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1246083

CATALOG NUMBER: P3A05R259024DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	468.6
1°	468.6
2°	466.3
3°	461.5
4°	455.3
5°	447.8
6°	438.1
7°	427.1
8°	414.3
9°	401.5
10°	387.8
11°	371.9
12°	355.6
13°	339.3
14°	323.0
15°	305.8
17.5°	265.2
20°	228.5
22.5°	195.5
25°	166.8
27.5°	139.9
30°	115.2
32.5°	92.7
35°	72.4
37.5°	55.1
40°	41.0
42.5°	30.0
45°	22.1
47.5°	16.8
50°	12.8
52.5°	10.6
55°	9.3
57.5°	7.9
60°	7.1
62.5°	5.7
65°	5.3
67.5°	4.4
70°	3.5
72.5°	3.1
75°	2.6
77.5°	2.2
80°	1.3
82.5°	0.9
85°	0.9
87.5°	0.4



TEST NUMBER: P1246083

CATALOG NUMBER: P3A05R259024DE010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)