

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: P1273309

Luminaire Tested: P3A05R259830DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273309
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: P3A05R259830DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

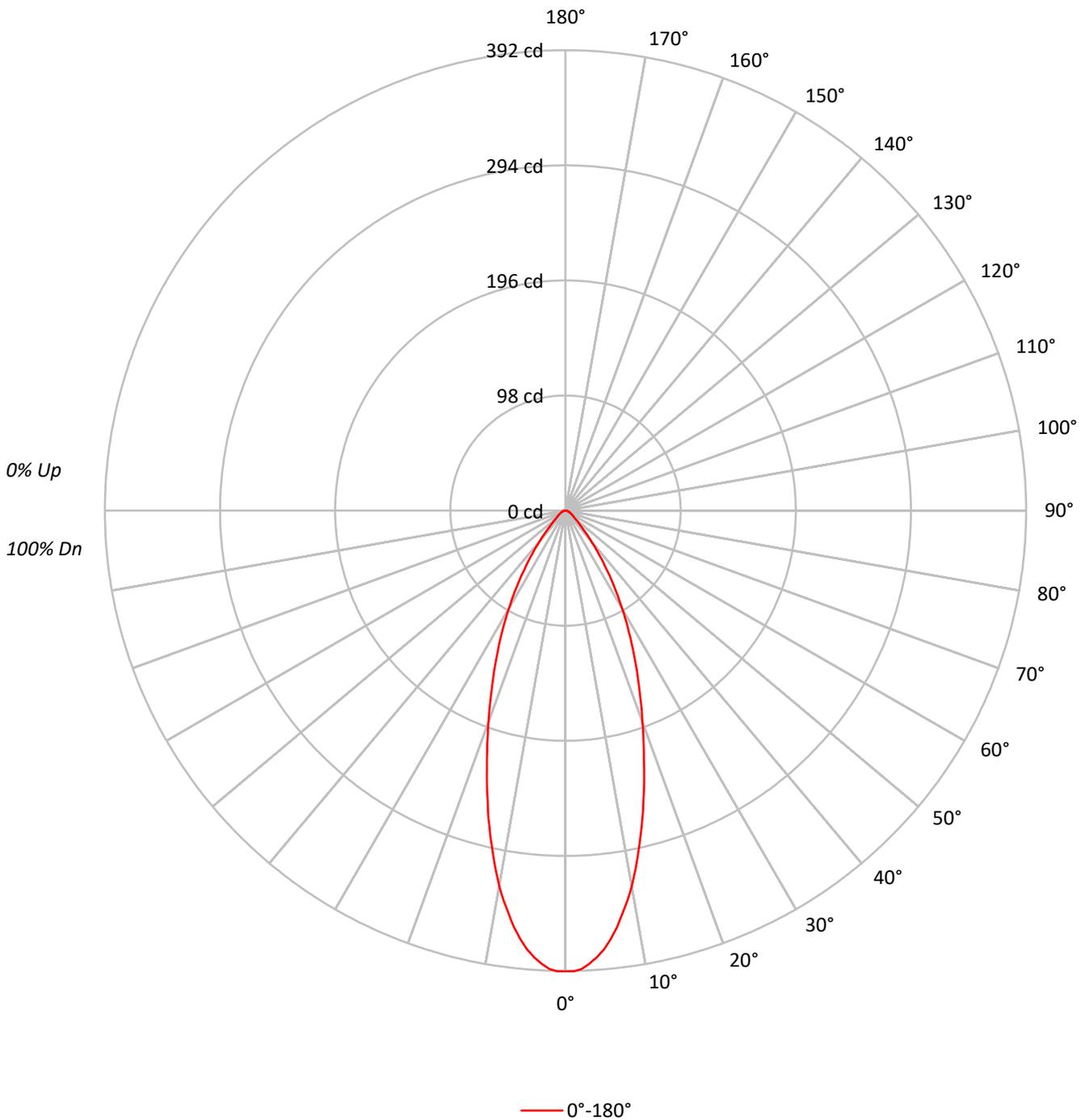
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 237.0 lumens
Efficiency: N/A
Efficacy: 32.9 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: P1273309
CATALOG NUMBER: P3A05R259830DE010 E3DLP1H

Luminous Intensity Polar Plot





TEST NUMBER: P1273309
 CATALOG NUMBER: P3A05R259830DE010 E3DLP1H

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	75	75	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	70	70	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	58	58	58
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	59	56	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	86046
5°	82544
10°	72321
15°	58139
20°	44664
25°	33800
30°	24409
35°	16222
40°	9847
45°	5737
50°	3650
55°	2982
60°	2588
65°	2283
70°	1923
75°	1864
80°	1389
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5737 cd/sqm



TEST NUMBER: P1273309
 CATALOG NUMBER: P3A05R259830DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.1	14.4
10°-20°	70.8	29.9
20°-30°	64.0	27.0
30°-40°	38.5	16.2
40°-50°	15.3	6.4
50°-60°	7.1	3.0
60°-70°	4.3	1.8
70°-80°	2.3	1.0
80°-90°	0.6	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°	169.0	71.3
0°-40°	207.5	87.5
0°-60°	229.8	97.0
0°-90°	237.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	237.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	392	
5°	375	34
15°	256	71
25°	140	64
35°	61	38
45°	18	15
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1273309
CATALOG NUMBER: P3A05R259830DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	392.4
1°	392.4
2°	390.5
3°	386.5
4°	381.3
5°	375.0
6°	366.9
7°	357.7
8°	346.9
9°	336.2
10°	324.8
11°	311.5
12°	297.8
13°	284.1
14°	270.5
15°	256.1
17.5°	222.1
20°	191.4
22.5°	163.7
25°	139.7
27.5°	117.1
30°	96.4
32.5°	77.6
35°	60.6
37.5°	46.2
40°	34.4
42.5°	25.1
45°	18.5
47.5°	14.0
50°	10.7
52.5°	8.9
55°	7.8
57.5°	6.7
60°	5.9
62.5°	4.8
65°	4.4
67.5°	3.7
70°	3.0
72.5°	2.6
75°	2.2
77.5°	1.8
80°	1.1
82.5°	0.7
85°	0.7
87.5°	0.4



TEST NUMBER: P1273309
CATALOG NUMBER: P3A05R259830DE010 E3DLP1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)