

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: P1266545

Luminaire Tested: P3A05R129735DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266545
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R129735DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 97CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

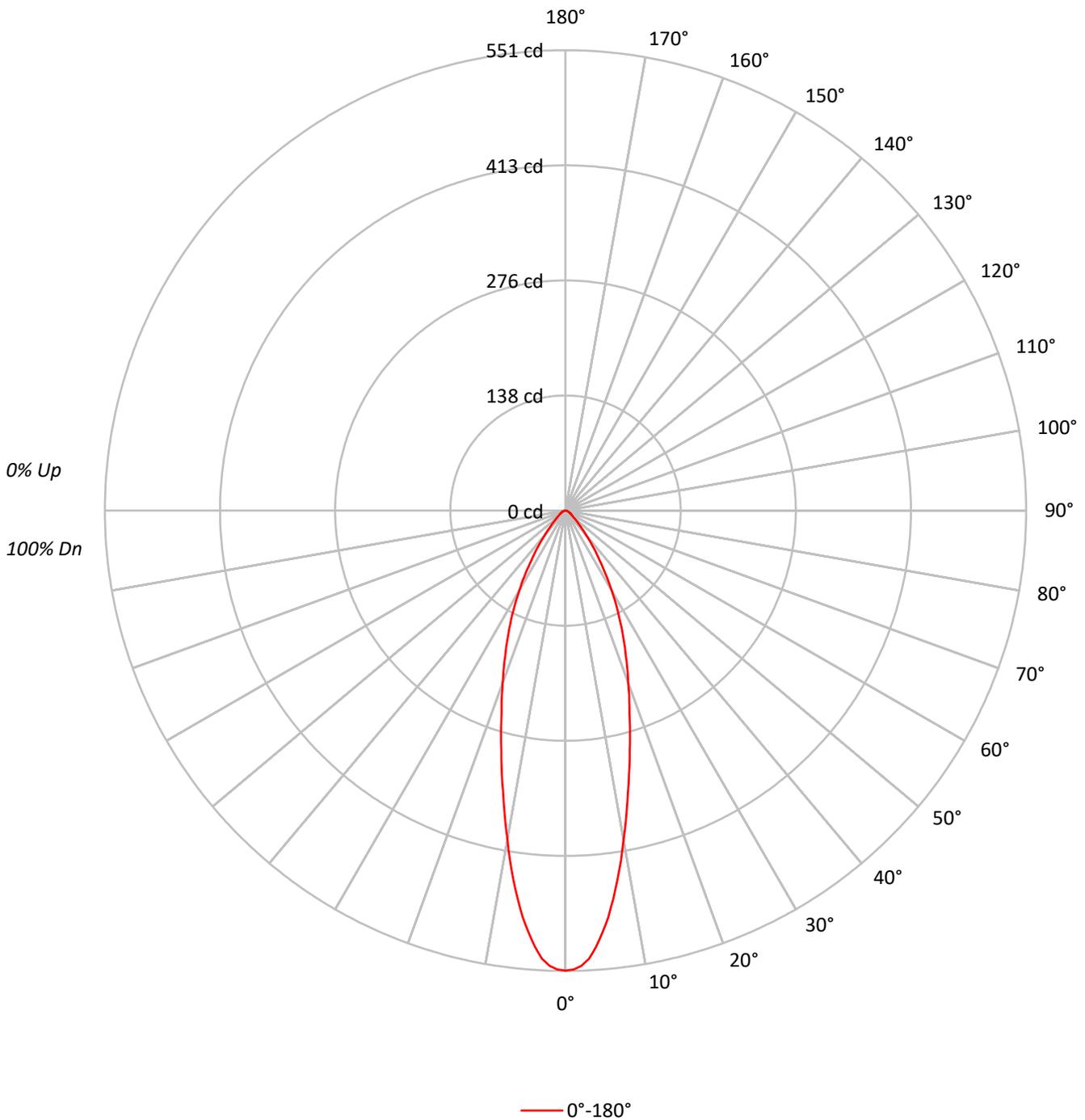
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 280.0 lumens
Efficiency: N/A
Efficacy: 36.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.6
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: P1266545
CATALOG NUMBER: P3A05R129735DE010 E3DLP1WMH

Luminous Intensity Polar Plot





TEST NUMBER: P1266545
 CATALOG NUMBER: P3A05R129735DE010 E3DLP1WMH

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	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120736
5°	111600
10°	89088
15°	67310
20°	51244
25°	39051
30°	27979
35°	18257
40°	11192
45°	6760
50°	4503
55°	3479
60°	2982
65°	2594
70°	2308
75°	2288
80°	1768
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6760 cd/sqm



TEST NUMBER: P1266545
 CATALOG NUMBER: P3A05R129735DE010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.9	16.0
10°-20°	82.9	29.6
20°-30°	73.8	26.3
30°-40°	43.6	15.6
40°-50°	17.9	6.4
50°-60°	8.4	3.0
60°-70°	5.1	1.8
70°-80°	2.7	1.0
80°-90°	0.7	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°	201.5	72.0
0°-40°	245.2	87.6
0°-60°	271.5	97.0
0°-90°	280.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	280.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	551	
5°	507	45
15°	296	83
25°	161	74
35°	68	44
45°	22	18
55°	9	8
65°	5	5
75°	3	3
85°	0	1
90°	0	



TEST NUMBER: P1266545
CATALOG NUMBER: P3A05R129735DE010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	550.6
1°	549.3
2°	545.2
3°	537.0
4°	523.3
5°	507.0
6°	489.2
7°	468.3
8°	446.5
9°	424.2
10°	400.1
12.5°	345.1
15°	296.5
17.5°	254.6
20°	219.6
22.5°	188.7
25°	161.4
27.5°	135.0
30°	110.5
32.5°	88.2
35°	68.2
37.5°	52.3
40°	39.1
42.5°	29.1
45°	21.8
47.5°	16.8
50°	13.2
52.5°	10.9
55°	9.1
57.5°	7.7
60°	6.8
62.5°	5.9
65°	5.0
67.5°	4.5
70°	3.6
72.5°	3.2
75°	2.7
77.5°	1.8
80°	1.4
82.5°	0.9
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)