

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: P1259146

Luminaire Tested: P3AS05R159050DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259146
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: P3AS05R159050DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

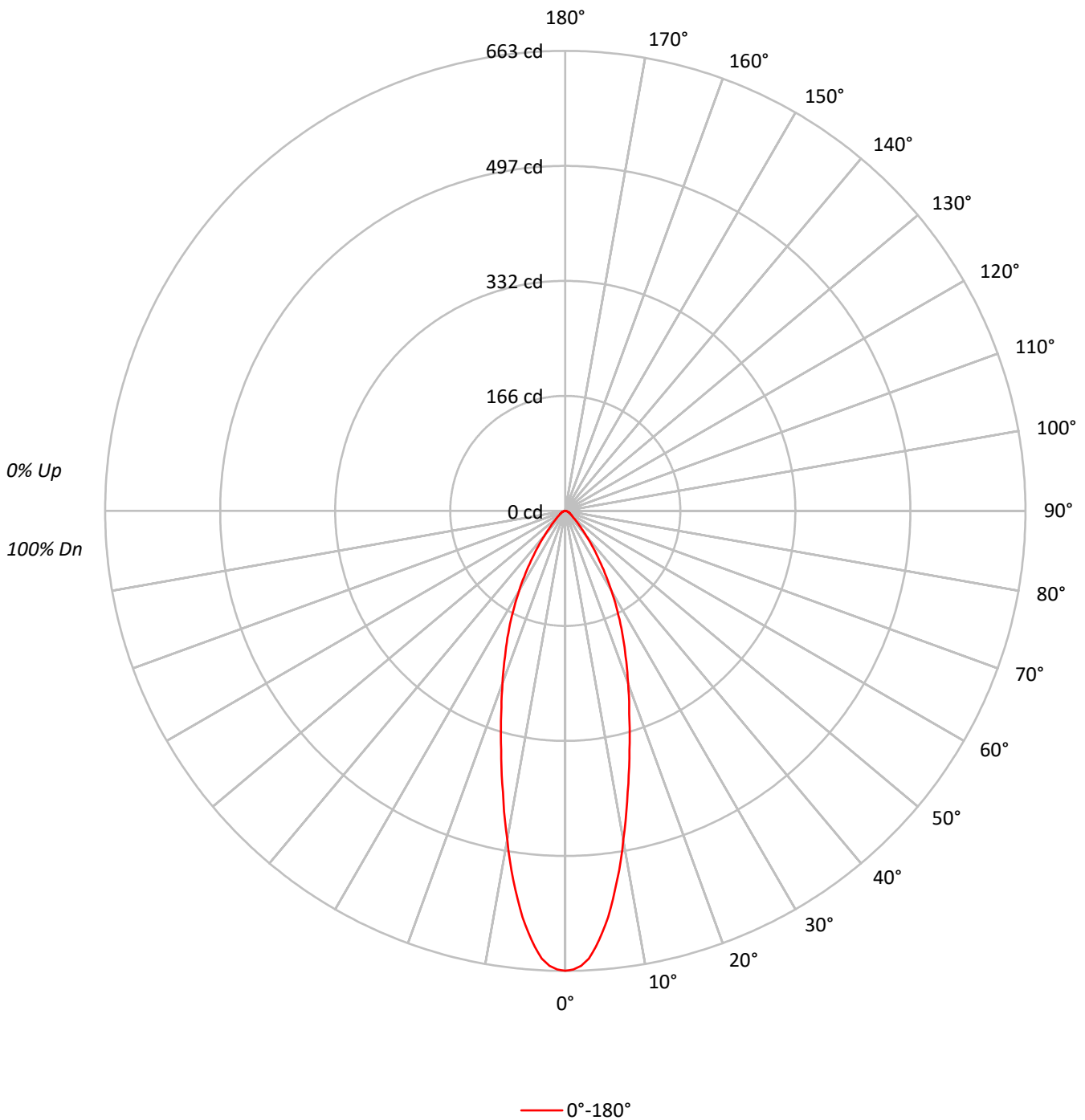
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 337.0 lumens
Efficiency: N/A
Efficacy: 46.8 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): 7.2
Input Voltage (V): NR
Input Current (A_{in}): 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: P1259146
CATALOG NUMBER: P3AS05R159050DE010 E3DLP1WMH

Luminous Intensity Polar Plot





TEST NUMBER: P1259146
 CATALOG NUMBER: P3AS05R159050DE010 E3DLP1WMH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	73	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	68	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°	145317
5°	134316
10°	107235
15°	80999
20°	61675
25°	47011
30°	33676
35°	21978
40°	13482
45°	8156
50°	5424
55°	4167
60°	3596
65°	3113
70°	2821
75°	2796
80°	2020
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8156 cd/sqm



TEST NUMBER: P1259146
 CATALOG NUMBER: P3AS05R159050DE010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.1	16.0
10°-20°	99.7	29.6
20°-30°	88.8	26.3
30°-40°	52.5	15.6
40°-50°	21.6	6.4
50°-60°	10.1	3.0
60°-70°	6.2	1.8
70°-80°	3.2	1.0
80°-90°	0.8	0.2
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°	242.6	72.0
0°-40°	295.1	87.6
0°-60°	326.8	97.0
0°-90°	337.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	337.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	663	
5°	610	54
15°	357	100
25°	194	89
35°	82	53
45°	26	22
55°	11	10
65°	6	6
75°	3	3
85°	0	1
90°	0	



TEST NUMBER: P1259146

CATALOG NUMBER: P3AS05R159050DE010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	662.7
1°	661.1
2°	656.2
3°	646.3
4°	629.9
5°	610.2
6°	588.8
7°	563.7
8°	537.4
9°	510.6
10°	481.6
12.5°	415.4
15°	356.8
17.5°	306.5
20°	264.3
22.5°	227.1
25°	194.3
27.5°	162.5
30°	133.0
32.5°	106.2
35°	82.1
37.5°	62.9
40°	47.1
42.5°	35.0
45°	26.3
47.5°	20.2
50°	15.9
52.5°	13.1
55°	10.9
57.5°	9.3
60°	8.2
62.5°	7.1
65°	6.0
67.5°	5.5
70°	4.4
72.5°	3.8
75°	3.3
77.5°	2.2
80°	1.6
82.5°	1.1
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)