

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: P1261787

Luminaire Tested: P3AS05R129727DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261787
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: P3AS05R129727DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 97CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

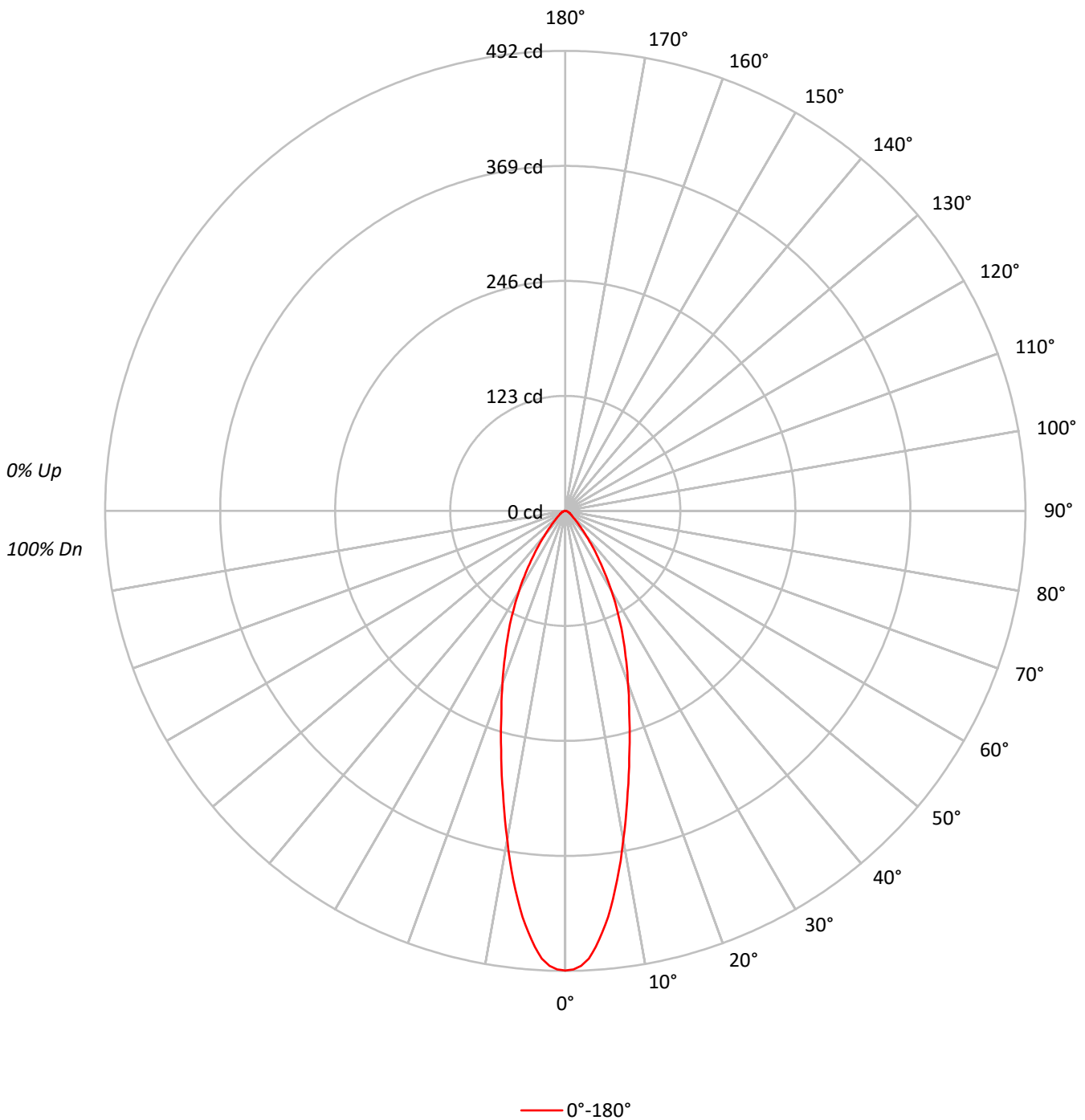
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 250.0 lumens
Efficiency: N/A
Efficacy: 32.9 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: P1261787
CATALOG NUMBER: P3AS05R129727DE010 E3DLP1WMH

Luminous Intensity Polar Plot





TEST NUMBER: P1261787

CATALOG NUMBER: P3AS05R129727DE010 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	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°	107798
5°	99648
10°	79558
15°	60091
20°	45761
25°	34865
30°	24991
35°	16302
40°	9990
45°	6047
50°	4025
55°	3097
60°	2675
65°	2335
70°	2052
75°	2033
80°	1515
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6047 cd/sqm



TEST NUMBER: P1261787

CATALOG NUMBER: P3AS05R129727DE010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.1	16.0
10°-20°	74.0	29.6
20°-30°	65.9	26.4
30°-40°	39.0	15.6
40°-50°	16.0	6.4
50°-60°	7.5	3.0
60°-70°	4.6	1.8
70°-80°	2.4	0.9
80°-90°	0.6	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°	180.0	72.0
0°-40°	218.9	87.6
0°-60°	242.4	97.0
0°-90°	250.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	250.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	492	
5°	453	40
15°	265	74
25°	144	66
35°	61	39
45°	20	16
55°	8	7
65°	4	5
75°	2	2
85°	0	1
90°	0	



TEST NUMBER: P1261787
CATALOG NUMBER: P3AS05R129727DE010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	491.6
1°	490.4
2°	486.8
3°	479.5
4°	467.3
5°	452.7
6°	436.8
7°	418.2
8°	398.7
9°	378.8
10°	357.3
12.5°	308.1
15°	264.7
17.5°	227.3
20°	196.1
22.5°	168.5
25°	144.1
27.5°	120.6
30°	98.7
32.5°	78.8
35°	60.9
37.5°	46.7
40°	34.9
42.5°	26.0
45°	19.5
47.5°	15.0
50°	11.8
52.5°	9.7
55°	8.1
57.5°	6.9
60°	6.1
62.5°	5.3
65°	4.5
67.5°	4.1
70°	3.2
72.5°	2.8
75°	2.4
77.5°	1.6
80°	1.2
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)