

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: P1256450

Luminaire Tested: P3AS05R109040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256450
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R109040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

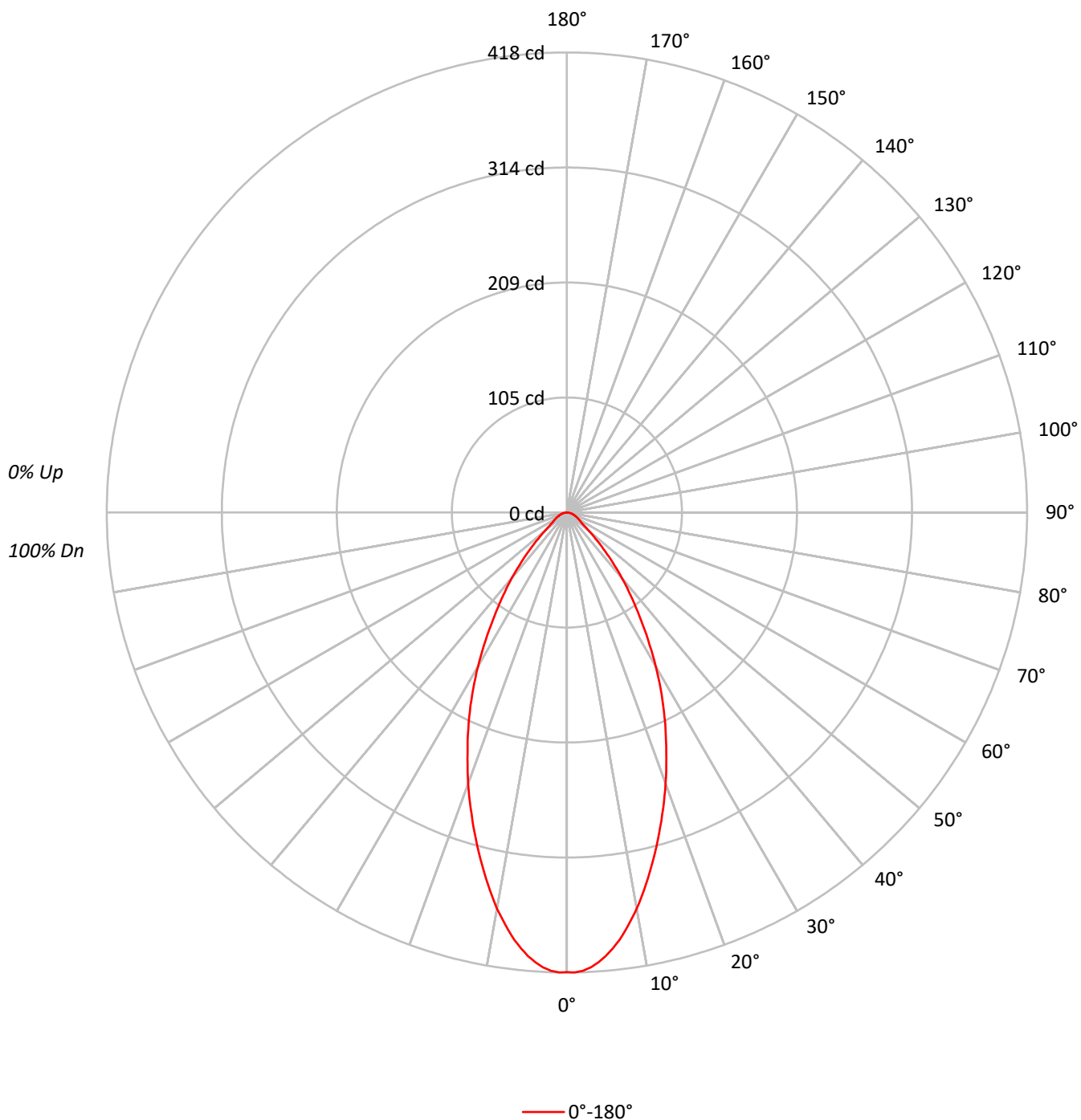
Lumens per Lamp: N/A
Luminaire Lumens: 363.0 lumens
Efficiency: N/A
Efficacy: 46.0 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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: P1256450

CATALOG NUMBER: P3AS05R109040DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1256450

CATALOG NUMBER: P3AS05R109040DE010 E3DLD1MW

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	91572
5°	89082
10°	81406
15°	71306
20°	61162
25°	51076
30°	40867
35°	30651
40°	22242
45°	14544
50°	9108
55°	6155
60°	5438
65°	5033
70°	4744
75°	4321
80°	4041
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 14544 cd/sqm

TEST NUMBER: P1256450

CATALOG NUMBER: P3AS05R109040DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.3	10.3
10°-20°	87.5	24.1
20°-30°	96.4	26.6
30°-40°	72.2	19.9
40°-50°	37.4	10.3
50°-60°	15.5	4.3
60°-70°	9.6	2.7
70°-80°	5.4	1.5
80°-90°	1.6	0.4
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°	221.3	61.0
0°-40°	293.5	80.8
0°-60°	346.4	95.4
0°-90°	363.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	363.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	418	
5°	405	37
15°	314	88
25°	211	96
35°	114	72
45°	47	37
55°	16	16
65°	10	10
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1256450

CATALOG NUMBER: P3AS05R109040DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	417.6
1°	418.0
2°	416.6
3°	413.9
4°	409.7
5°	404.7
6°	398.2
7°	391.3
8°	383.1
9°	374.3
10°	365.6
12.5°	340.3
15°	314.1
17.5°	287.9
20°	262.1
22.5°	235.9
25°	211.1
27.5°	186.2
30°	161.4
32.5°	137.0
35°	114.5
37.5°	95.2
40°	77.7
42.5°	61.6
45°	46.9
47.5°	35.4
50°	26.7
52.5°	19.8
55°	16.1
57.5°	14.3
60°	12.4
62.5°	11.0
65°	9.7
67.5°	8.3
70°	7.4
72.5°	6.0
75°	5.1
77.5°	4.1
80°	3.2
82.5°	2.3
85°	1.4
87.5°	0.5
90°	0.0

(END OF REPORT)