

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: P1253948

Luminaire Tested: P3AS05R409035DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253948
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R409035DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

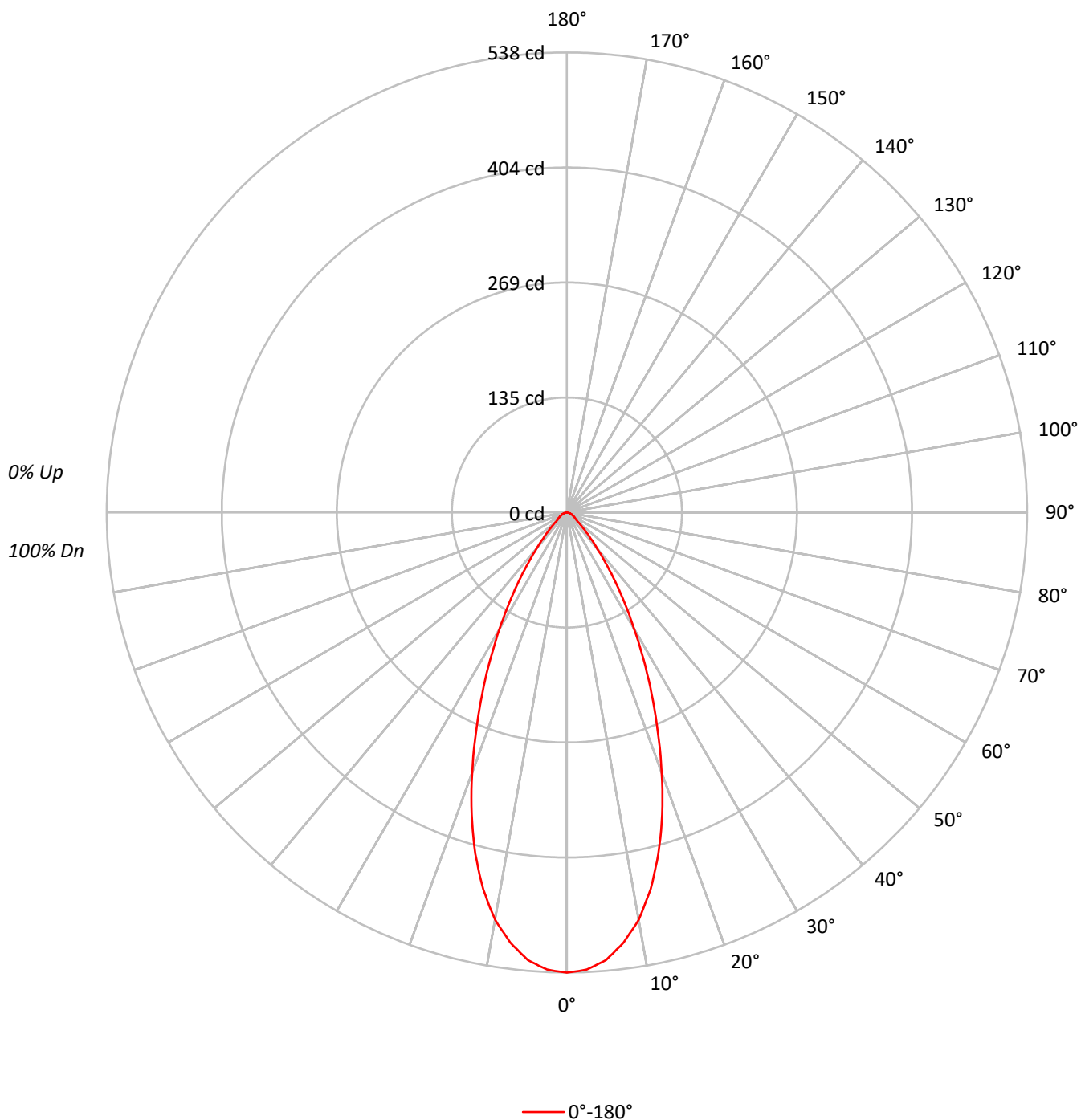
Lumens per Lamp: N/A
Luminaire Lumens: 379.0 lumens
Efficiency: N/A
Efficacy: 52.6 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253948

CATALOG NUMBER: P3AS05R409035DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1253948

CATALOG NUMBER: P3AS05R409035DE010 E3DL1WH

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	118017
5°	115628
10°	107658
15°	93826
20°	75607
25°	56689
30°	39854
35°	26100
40°	15801
45°	9427
50°	5629
55°	4549
60°	4079
65°	3476
70°	3334
75°	2626
80°	2652
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9427 cd/sqm

TEST NUMBER: P1253948

CATALOG NUMBER: P3AS05R409035DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.8	12.9
10°-20°	113.8	30.0
20°-30°	107.3	28.3
30°-40°	62.0	16.4
40°-50°	24.7	6.5
50°-60°	10.9	2.9
60°-70°	6.8	1.8
70°-80°	3.5	0.9
80°-90°	1.1	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°	269.9	71.2
0°-40°	331.9	87.6
0°-60°	367.6	97.0
0°-90°	379.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	379.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	538	
5°	525	49
15°	413	114
25°	234	107
35°	98	62
45°	30	25
55°	12	11
65°	7	7
75°	3	4
85°	1	1
90°	0	

TEST NUMBER: P1253948

CATALOG NUMBER: P3AS05R409035DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	538.2
2.5°	535.1
5°	525.3
7.5°	507.2
10°	483.5
12.5°	451.5
15°	413.3
17.5°	370.5
20°	324.0
22.5°	277.6
25°	234.3
27.5°	194.0
30°	157.4
32.5°	125.4
35°	97.5
37.5°	73.8
40°	55.2
42.5°	41.3
45°	30.4
47.5°	22.2
50°	16.5
52.5°	13.4
55°	11.9
57.5°	10.8
60°	9.3
62.5°	7.7
65°	6.7
67.5°	5.7
70°	5.2
72.5°	4.1
75°	3.1
77.5°	2.6
80°	2.1
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)