

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: P1253856

Luminaire Tested: P3AS05R259035DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253856
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259035DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

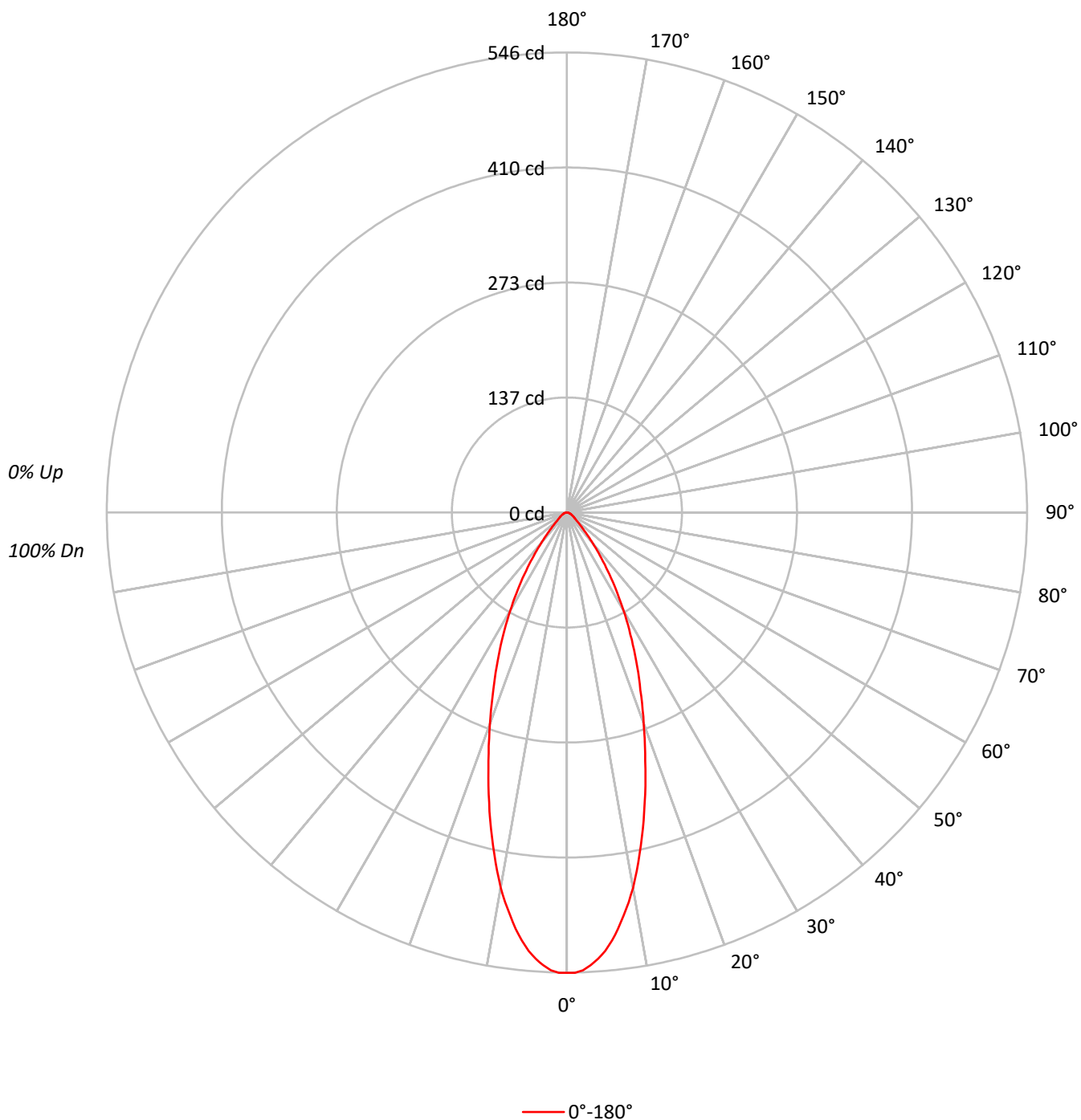
Lumens per Lamp: N/A
Luminaire Lumens: 329.9 lumens
Efficiency: N/A
Efficacy: 45.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253856

CATALOG NUMBER: P3AS05R259035DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1253856

CATALOG NUMBER: P3AS05R259035DE010 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	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	119815
5°	114946
10°	100688
15°	80931
20°	62189
25°	47059
30°	34005
35°	22593
40°	13683
45°	7970
50°	5083
55°	4129
60°	3596
65°	3217
70°	2629
75°	2626
80°	1894
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7970 cd/sqm

TEST NUMBER: P1253856

CATALOG NUMBER: P3AS05R259035DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.5	14.4
10°-20°	98.6	29.9
20°-30°	89.2	27.0
30°-40°	53.5	16.2
40°-50°	21.3	6.4
50°-60°	9.8	3.0
60°-70°	6.0	1.8
70°-80°	3.2	1.0
80°-90°	0.9	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°	235.3	71.3
0°-40°	288.8	87.5
0°-60°	319.9	97.0
0°-90°	329.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	329.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	546	
5°	522	48
15°	356	99
25°	194	89
35°	84	54
45°	26	21
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1253856

CATALOG NUMBER: P3AS05R259035DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	546.4
1°	546.4
2°	543.8
3°	538.1
4°	530.9
5°	522.2
6°	510.9
7°	498.0
8°	483.1
9°	468.2
10°	452.2
11°	433.7
12°	414.7
13°	395.6
14°	376.6
15°	356.5
17.5°	309.2
20°	266.5
22.5°	227.9
25°	194.5
27.5°	163.1
30°	134.3
32.5°	108.0
35°	84.4
37.5°	64.3
40°	47.8
42.5°	35.0
45°	25.7
47.5°	19.5
50°	14.9
52.5°	12.3
55°	10.8
57.5°	9.3
60°	8.2
62.5°	6.7
65°	6.2
67.5°	5.1
70°	4.1
72.5°	3.6
75°	3.1
77.5°	2.6
80°	1.5
82.5°	1.0
85°	1.0
87.5°	0.5



TEST NUMBER: P1253856

CATALOG NUMBER: P3AS05R259035DE010 E3DL1WH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)