

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: P1271206

Luminaire Tested: P3AS05R209827DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271206
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R209827DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

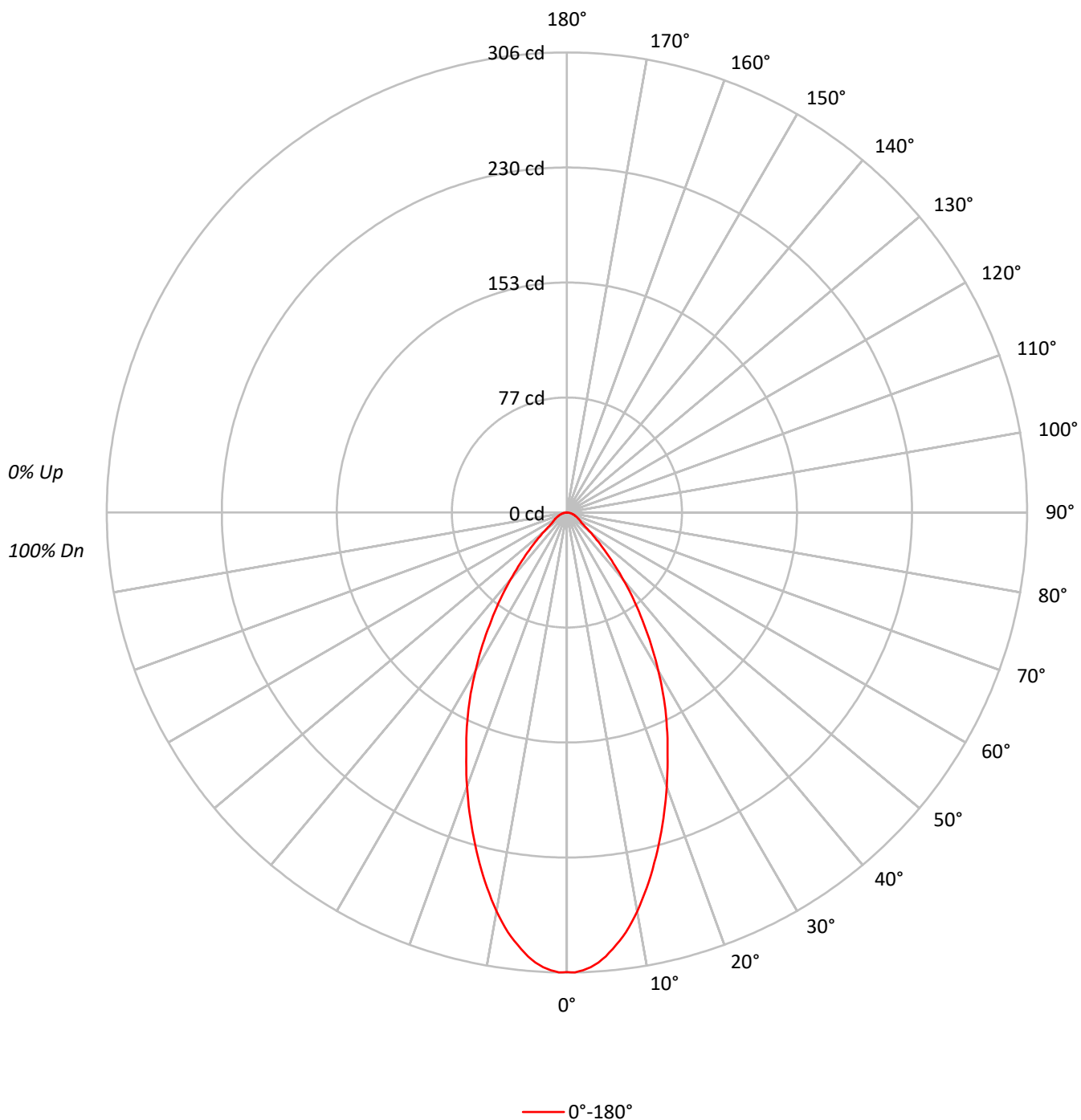
Lumens per Lamp: N/A
Luminaire Lumens: 271.0 lumens
Efficiency: N/A
Efficacy: 37.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1271206

CATALOG NUMBER: P3AS05R209827DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1271206

CATALOG NUMBER: P3AS05R209827DE010 E3DLD1H

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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	67034
5°	65243
10°	60008
15°	52827
20°	45317
25°	38059
30°	30764
35°	23396
40°	16660
45°	11009
50°	6823
55°	4473
60°	4079
65°	3736
70°	3526
75°	3219
80°	3031
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11009 cd/sqm

TEST NUMBER: P1271206

CATALOG NUMBER: P3AS05R209827DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.4	10.1
10°-20°	64.8	23.9
20°-30°	71.9	26.5
30°-40°	54.8	20.2
40°-50°	28.1	10.4
50°-60°	11.5	4.3
60°-70°	7.2	2.7
70°-80°	4.0	1.5
80°-90°	1.1	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°	164.1	60.6
0°-40°	219.0	80.8
0°-60°	258.6	95.4
0°-90°	271.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	271.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	306	
5°	296	27
15°	233	65
25°	157	72
35°	87	55
45°	36	28
55°	12	12
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1271206

CATALOG NUMBER: P3AS05R209827DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	305.7
1°	306.0
2°	304.7
3°	302.9
4°	300.2
5°	296.4
6°	291.9
7°	287.1
8°	281.9
9°	275.7
10°	269.5
12.5°	251.6
15°	232.7
17.5°	213.4
20°	194.2
22.5°	174.9
25°	157.3
27.5°	139.8
30°	121.5
32.5°	104.3
35°	87.4
37.5°	72.6
40°	58.2
42.5°	45.8
45°	35.5
47.5°	26.9
50°	20.0
52.5°	14.8
55°	11.7
57.5°	10.7
60°	9.3
62.5°	8.3
65°	7.2
67.5°	6.2
70°	5.5
72.5°	4.5
75°	3.8
77.5°	3.1
80°	2.4
82.5°	1.7
85°	1.0
87.5°	0.3
90°	0.0

(END OF REPORT)