

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: P1256682

Luminaire Tested: P3AS05R459040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256682
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R459040DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

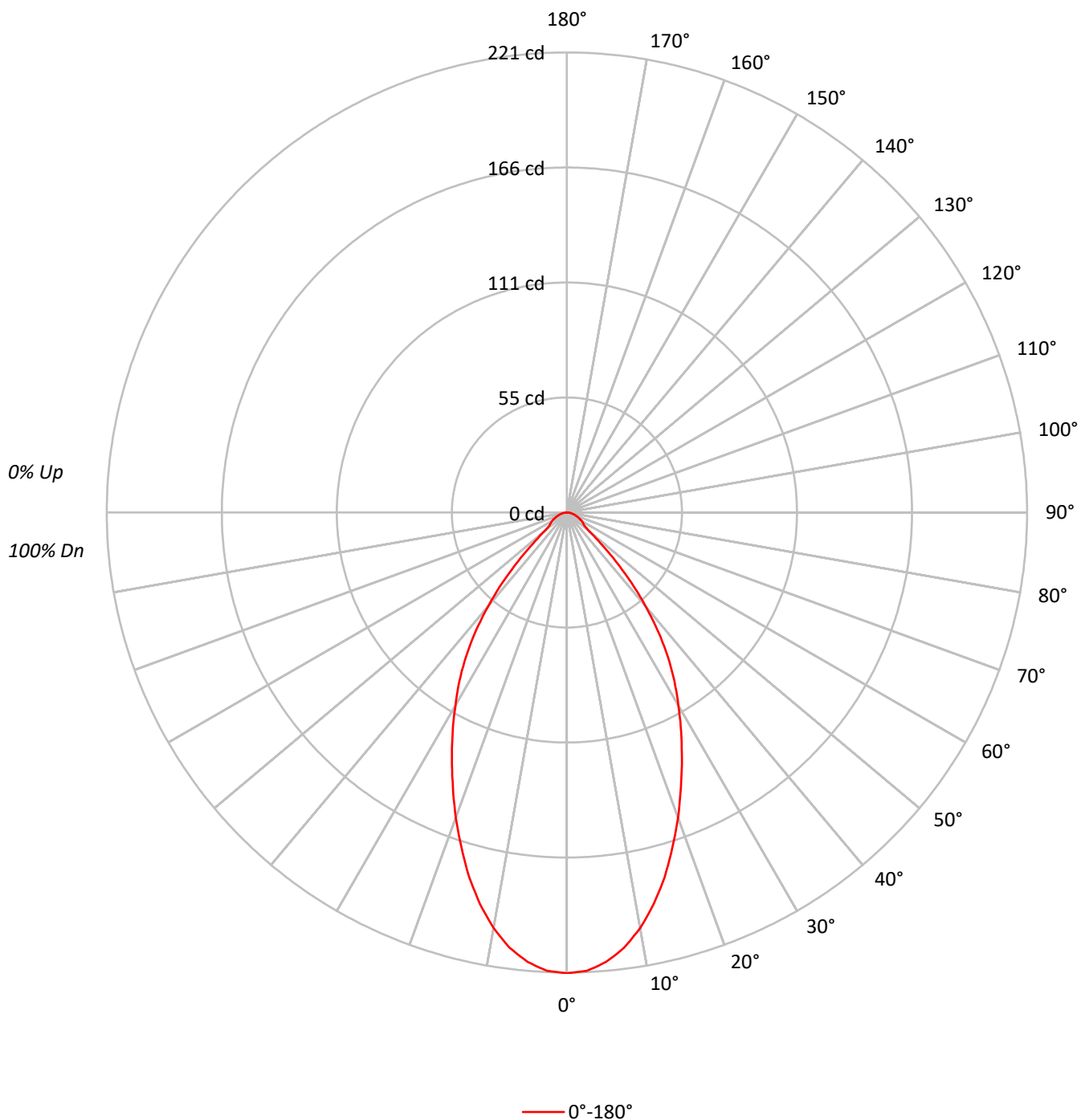
Lumens per Lamp: N/A
Luminaire Lumens: 229.0 lumens
Efficiency: N/A
Efficacy: 31.8 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1256682

CATALOG NUMBER: P3AS05R459040DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1256682

CATALOG NUMBER: P3AS05R459040DE010 E3DLD1GPH

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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	48549
5°	47700
10°	45134
15°	41158
20°	36403
25°	31599
30°	27118
35°	22620
40°	16860
45°	10327
50°	4776
55°	3747
60°	3596
65°	3269
70°	3077
75°	2881
80°	2652
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10327 cd/sqm

TEST NUMBER: P1256682

CATALOG NUMBER: P3AS05R459040DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.2	8.8
10°-20°	50.5	22.0
20°-30°	60.0	26.2
30°-40°	52.1	22.8
40°-50°	26.1	11.4
50°-60°	9.1	4.0
60°-70°	6.4	2.8
70°-80°	3.5	1.5
80°-90°	1.1	0.5
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°	130.7	57.1
0°-40°	182.8	79.8
0°-60°	218.0	95.2
0°-90°	229.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	229.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	221	
5°	217	20
15°	181	50
25°	131	60
35°	84	52
45°	33	26
55°	10	9
65°	6	6
75°	3	4
85°	1	1
90°	0	

TEST NUMBER: P1256682

CATALOG NUMBER: P3AS05R459040DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	221.4
2.5°	220.4
5°	216.7
7.5°	210.9
10°	202.7
12.5°	192.7
15°	181.3
17.5°	168.6
20°	156.0
22.5°	143.0
25°	130.6
27.5°	118.8
30°	107.1
32.5°	96.1
35°	84.5
37.5°	72.0
40°	58.9
42.5°	45.9
45°	33.3
47.5°	21.9
50°	14.0
52.5°	10.8
55°	9.8
57.5°	9.0
60°	8.2
62.5°	7.4
65°	6.3
67.5°	5.5
70°	4.8
72.5°	4.0
75°	3.4
77.5°	2.6
80°	2.1
82.5°	1.6
85°	0.8
87.5°	0.5
90°	0.0

(END OF REPORT)