

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: P1275576

Luminaire Tested: P3AS05R609835DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275576
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R609835DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

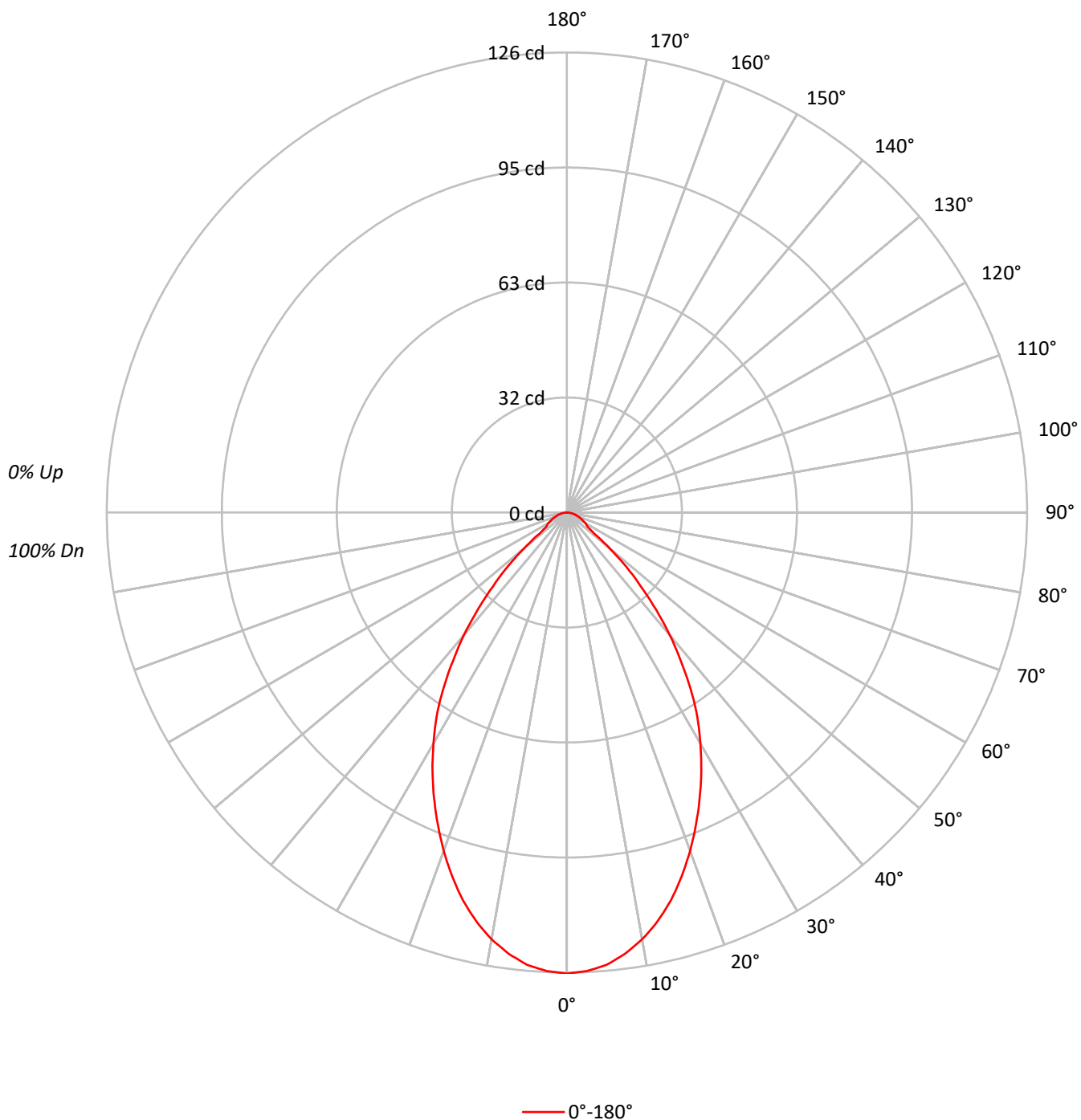
Lumens per Lamp: N/A
Luminaire Lumens: 156.0 lumens
Efficiency: N/A
Efficacy: 21.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1275576

CATALOG NUMBER: P3AS05R609835DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1275576

CATALOG NUMBER: P3AS05R609835DE010 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	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	27695
5°	27383
10°	26430
15°	24972
20°	23009
25°	20832
30°	18509
35°	15821
40°	12566
45°	8869
50°	5288
55°	2676
60°	2588
65°	2335
70°	2180
75°	2118
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8869 cd/sqm

TEST NUMBER: P1275576

CATALOG NUMBER: P3AS05R609835DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.7	7.5
10°-20°	30.7	19.7
20°-30°	39.5	25.3
30°-40°	36.6	23.5
40°-50°	22.3	14.3
50°-60°	7.4	4.8
60°-70°	4.5	2.9
70°-80°	2.5	1.6
80°-90°	0.7	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°	81.9	52.5
0°-40°	118.5	76.0
0°-60°	148.2	95.0
0°-90°	156.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	156.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	126	
5°	124	12
15°	110	31
25°	86	39
35°	59	37
45°	29	22
55°	7	7
65°	4	5
75°	2	3
85°	1	1
90°	0	

TEST NUMBER: P1275576

CATALOG NUMBER: P3AS05R609835DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	126.3
2.5°	125.7
5°	124.4
7.5°	121.9
10°	118.7
12.5°	114.7
15°	110.0
17.5°	104.5
20°	98.6
22.5°	92.4
25°	86.1
27.5°	79.7
30°	73.1
32.5°	66.5
35°	59.1
37.5°	51.3
40°	43.9
42.5°	36.2
45°	28.6
47.5°	22.2
50°	15.5
52.5°	9.3
55°	7.0
57.5°	6.4
60°	5.9
62.5°	5.1
65°	4.5
67.5°	4.0
70°	3.4
72.5°	2.8
75°	2.5
77.5°	1.9
80°	1.5
82.5°	0.9
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)