

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: P1248648

Luminaire Tested: P3AS05R609027DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248648
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: P3AS05R609027DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

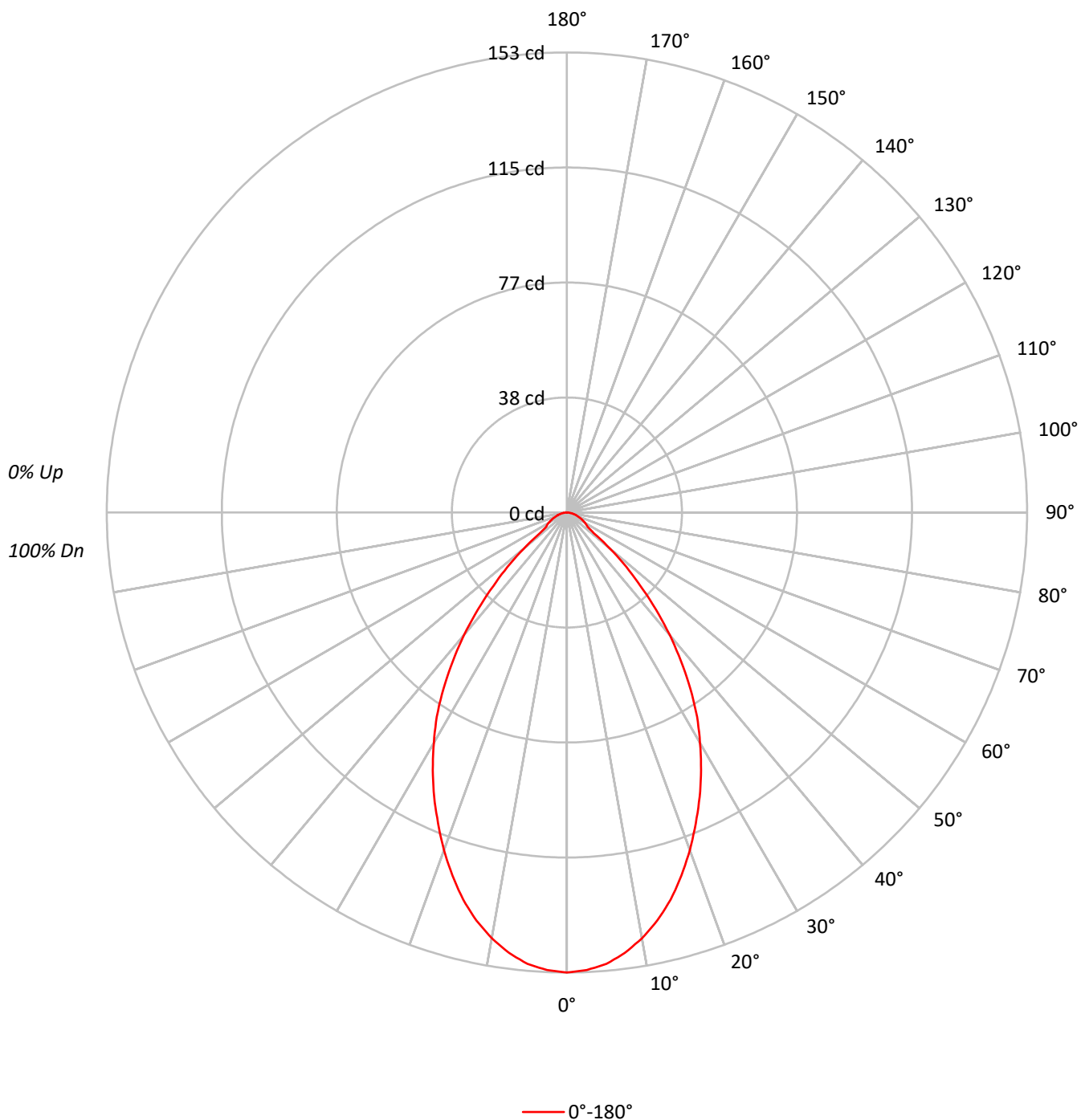
Lumens per Lamp: N/A
Luminaire Lumens: 188.9 lumens
Efficiency: N/A
Efficacy: 26.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1248648

CATALOG NUMBER: P3AS05R609027DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1248648

CATALOG NUMBER: P3AS05R609027DE010 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	98	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	71		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°	33550
5°	33172
10°	32019
15°	30261
20°	27886
25°	25260
30°	22409
35°	19167
40°	15229
45°	10730
50°	6413
55°	3250
60°	3114
65°	2854
70°	2629
75°	2542
80°	2273
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10730 cd/sqm

TEST NUMBER: P1248648

CATALOG NUMBER: P3AS05R609027DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.2	7.5
10°-20°	37.2	19.7
20°-30°	47.8	25.3
30°-40°	44.3	23.5
40°-50°	27.0	14.3
50°-60°	9.0	4.8
60°-70°	5.5	2.9
70°-80°	3.1	1.6
80°-90°	0.9	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°	99.2	52.5
0°-40°	143.6	76.0
0°-60°	179.5	95.0
0°-90°	188.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	188.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	153	
5°	151	14
15°	133	37
25°	104	48
35°	72	44
45°	35	27
55°	8	9
65°	6	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1248648

CATALOG NUMBER: P3AS05R609027DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	153.0
2.5°	152.3
5°	150.7
7.5°	147.7
10°	143.8
12.5°	139.0
15°	133.3
17.5°	126.6
20°	119.5
22.5°	111.9
25°	104.4
27.5°	96.6
30°	88.5
32.5°	80.5
35°	71.6
37.5°	62.2
40°	53.2
42.5°	43.8
45°	34.6
47.5°	26.8
50°	18.8
52.5°	11.2
55°	8.5
57.5°	7.8
60°	7.1
62.5°	6.2
65°	5.5
67.5°	4.8
70°	4.1
72.5°	3.4
75°	3.0
77.5°	2.3
80°	1.8
82.5°	1.1
85°	0.7
87.5°	0.5
90°	0.0

(END OF REPORT)