

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: P1256625

Luminaire Tested: P3AS05R359040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256625
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R359040DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

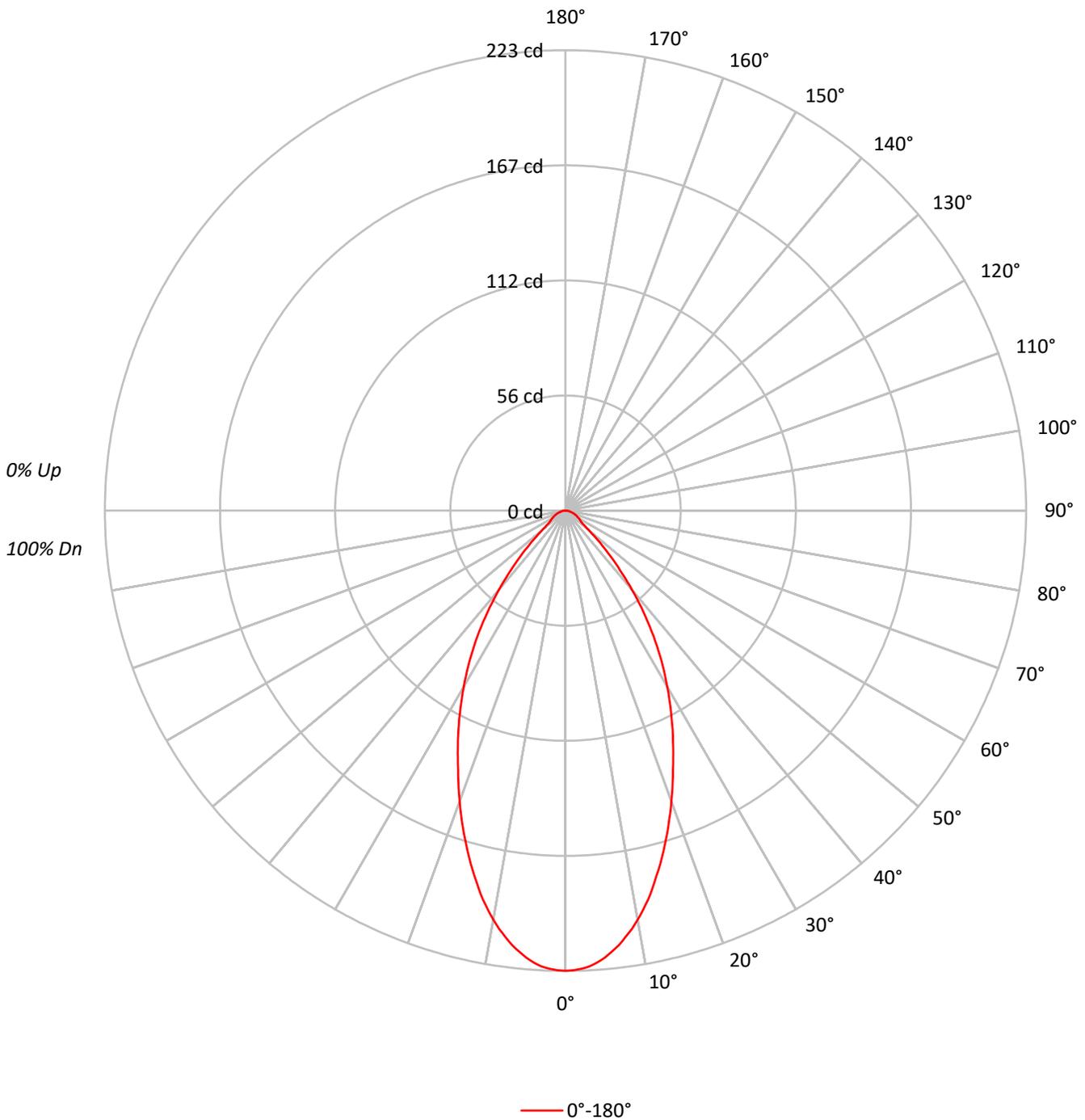
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 214.0 lumens
Efficiency: N/A
Efficacy: 29.7 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
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: P1256625
CATALOG NUMBER: P3AS05R359040DE010 E3DLD1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1256625
 CATALOG NUMBER: P3AS05R359040DE010 E3DLD1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	48878
5°	47854
10°	44800
15°	40227
20°	34980
25°	29808
30°	24966
35°	19890
40°	14370
45°	9117
50°	4947
55°	3441
60°	3245
65°	3009
70°	2885
75°	2457
80°	2399
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9117 cd/sqm



TEST NUMBER: P1256625
 CATALOG NUMBER: P3AS05R359040DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.2	9.5
10°-20°	49.3	23.0
20°-30°	56.5	26.4
30°-40°	46.1	21.5
40°-50°	23.3	10.9
50°-60°	8.6	4.0
60°-70°	5.8	2.7
70°-80°	3.2	1.5
80°-90°	1.0	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°	126.0	58.9
0°-40°	172.1	80.4
0°-60°	204.0	95.3
0°-90°	214.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	214.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	223	
5°	217	20
15°	177	49
25°	123	56
35°	74	46
45°	29	23
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1256625
CATALOG NUMBER: P3AS05R359040DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	222.9
1°	222.7
2°	222.1
3°	221.1
4°	219.5
5°	217.4
6°	214.7
7°	212.1
8°	208.6
9°	205.2
10°	201.2
11°	197.0
12°	192.5
13°	187.5
14°	182.2
15°	177.2
17.5°	163.7
20°	149.9
22.5°	135.9
25°	123.2
27.5°	110.8
30°	98.6
32.5°	86.5
35°	74.3
37.5°	62.1
40°	50.2
42.5°	39.1
45°	29.4
47.5°	21.2
50°	14.5
52.5°	10.6
55°	9.0
57.5°	8.2
60°	7.4
62.5°	6.6
65°	5.8
67.5°	5.0
70°	4.5
72.5°	3.7
75°	2.9
77.5°	2.4
80°	1.9
82.5°	1.3
85°	0.8
87.5°	0.5



TEST NUMBER: P1256625
CATALOG NUMBER: P3AS05R359040DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)