

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: P1256565

Luminaire Tested: P3AS05R259040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256565
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259040DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

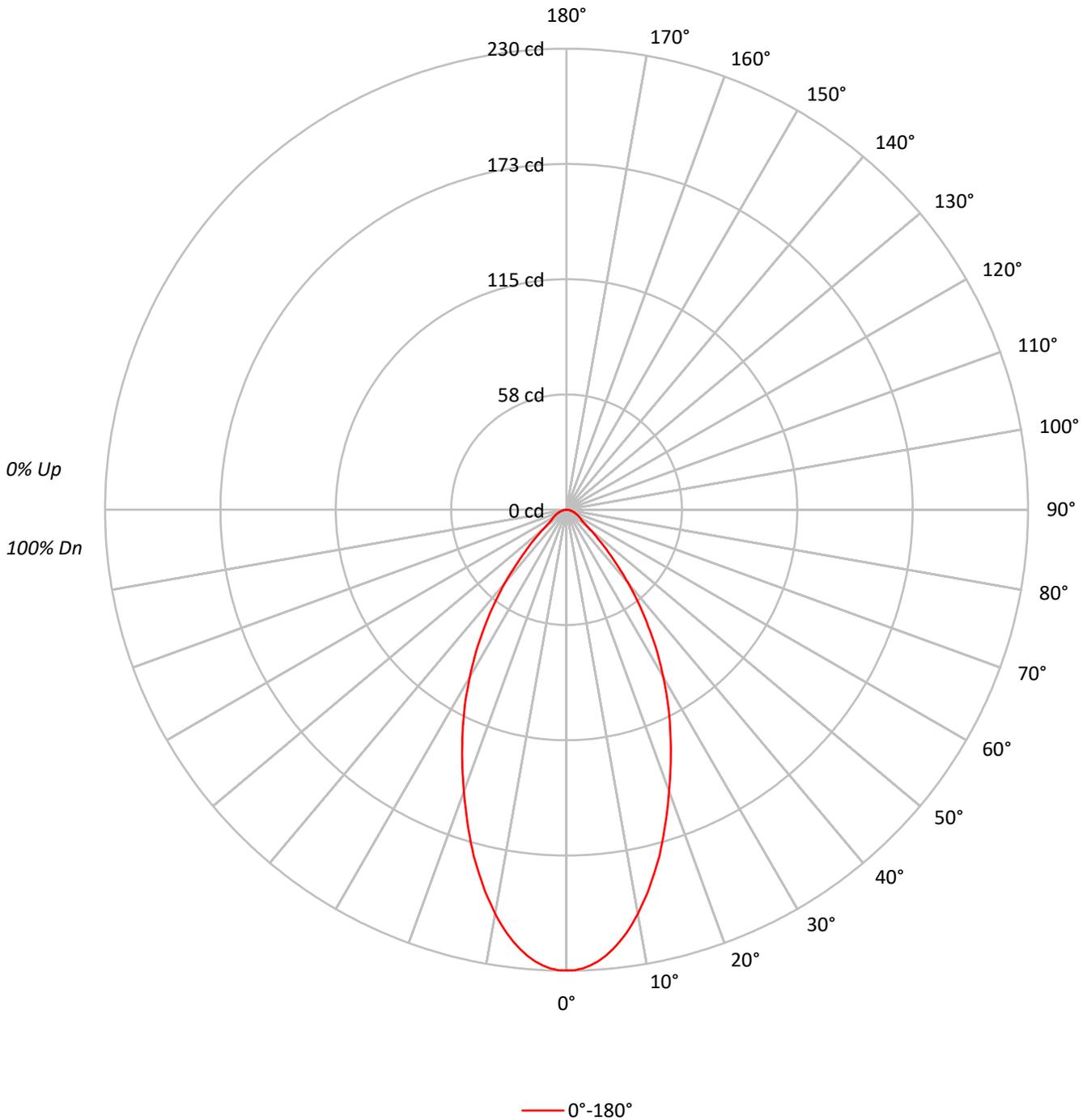
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 212.0 lumens
Efficiency: N/A
Efficacy: 29.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
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: P1256565
CATALOG NUMBER: P3AS05R259040DE010 E3DLD1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1256565
 CATALOG NUMBER: P3AS05R259040DE010 E3DLD1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	50391
5°	49174
10°	45579
15°	40590
20°	34886
25°	29639
30°	24409
35°	19006
40°	13683
45°	8683
50°	5151
55°	3517
60°	3245
65°	3009
70°	2693
75°	2457
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8683 cd/sqm



TEST NUMBER: P1256565
 CATALOG NUMBER: P3AS05R259040DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.7	9.8
10°-20°	49.6	23.4
20°-30°	56.1	26.5
30°-40°	44.4	20.9
40°-50°	22.4	10.6
50°-60°	9.0	4.2
60°-70°	5.7	2.7
70°-80°	3.2	1.5
80°-90°	0.9	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°	126.4	59.6
0°-40°	170.8	80.6
0°-60°	202.2	95.4
0°-90°	212.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	212.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	230	
5°	223	21
15°	179	50
25°	122	56
35°	71	44
45°	28	22
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1256565
CATALOG NUMBER: P3AS05R259040DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	229.8
1°	229.8
2°	229.0
3°	227.7
4°	225.8
5°	223.4
6°	220.5
7°	217.1
8°	213.4
9°	209.2
10°	204.7
11°	199.7
12°	194.9
13°	189.4
14°	184.1
15°	178.8
17.5°	164.0
20°	149.5
22.5°	135.8
25°	122.5
27.5°	109.6
30°	96.4
32.5°	84.0
35°	71.0
37.5°	59.2
40°	47.8
42.5°	37.2
45°	28.0
47.5°	20.9
50°	15.1
52.5°	11.4
55°	9.2
57.5°	8.5
60°	7.4
62.5°	6.6
65°	5.8
67.5°	5.0
70°	4.2
72.5°	3.7
75°	2.9
77.5°	2.4
80°	1.8
82.5°	1.3
85°	0.8
87.5°	0.3



TEST NUMBER: P1256565
CATALOG NUMBER: P3AS05R259040DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)