

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: P1253918

Luminaire Tested: P3AS05R359035DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253918
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: P3AS05R359035DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

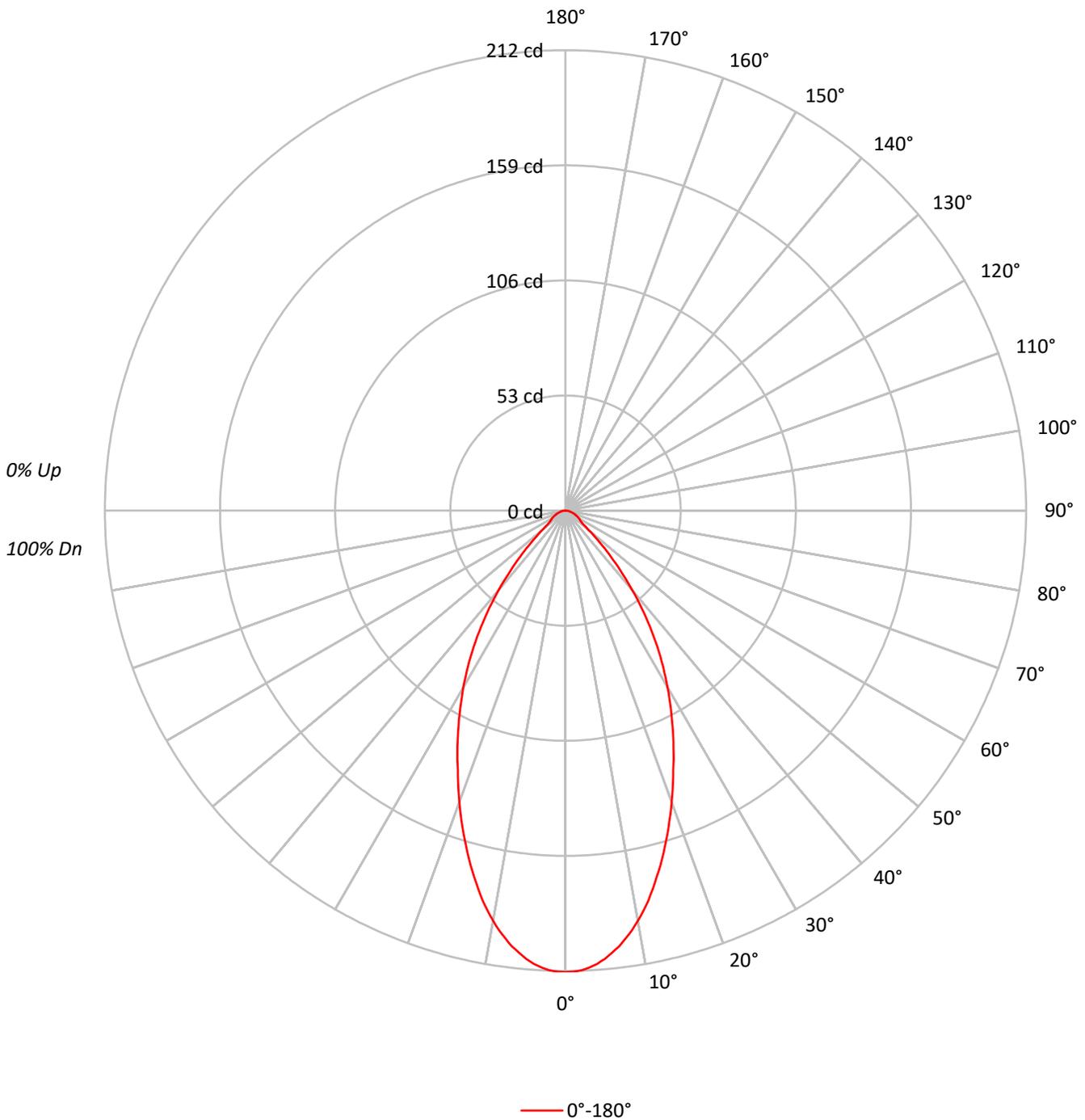
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 204.0 lumens
Efficiency: N/A
Efficacy: 28.3 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: P1253918
CATALOG NUMBER: P3AS05R359035DE010 E3DLD1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1253918
 CATALOG NUMBER: P3AS05R359035DE010 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			
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59			
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	60	56	52	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	46597
5°	45609
10°	42707
15°	38343
20°	33346
25°	28429
30°	23801
35°	18953
40°	13711
45°	8683
50°	4742
55°	3288
60°	3114
65°	2854
70°	2757
75°	2372
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

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



TEST NUMBER: P1253918
 CATALOG NUMBER: P3AS05R359035DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.3	9.5
10°-20°	47.0	23.0
20°-30°	53.9	26.4
30°-40°	43.9	21.5
40°-50°	22.2	10.9
50°-60°	8.2	4.0
60°-70°	5.5	2.7
70°-80°	3.1	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°	120.1	58.9
0°-40°	164.1	80.4
0°-60°	194.5	95.3
0°-90°	204.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	204.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	212	
5°	207	19
15°	169	47
25°	118	54
35°	71	44
45°	28	22
55°	9	8
65°	6	6
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1253918
CATALOG NUMBER: P3AS05R359035DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	212.5
1°	212.3
2°	211.8
3°	210.7
4°	209.2
5°	207.2
6°	204.7
7°	202.2
8°	198.9
9°	195.6
10°	191.8
11°	187.8
12°	183.5
13°	178.7
14°	173.7
15°	168.9
17.5°	156.0
20°	142.9
22.5°	129.6
25°	117.5
27.5°	105.6
30°	94.0
32.5°	82.4
35°	70.8
37.5°	59.2
40°	47.9
42.5°	37.3
45°	28.0
47.5°	20.2
50°	13.9
52.5°	10.1
55°	8.6
57.5°	7.8
60°	7.1
62.5°	6.3
65°	5.5
67.5°	4.8
70°	4.3
72.5°	3.5
75°	2.8
77.5°	2.3
80°	1.8
82.5°	1.3
85°	0.8
87.5°	0.5



TEST NUMBER: P1253918
CATALOG NUMBER: P3AS05R359035DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)