

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: P1248477

Luminaire Tested: P3AS05R309027DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248477
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309027DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

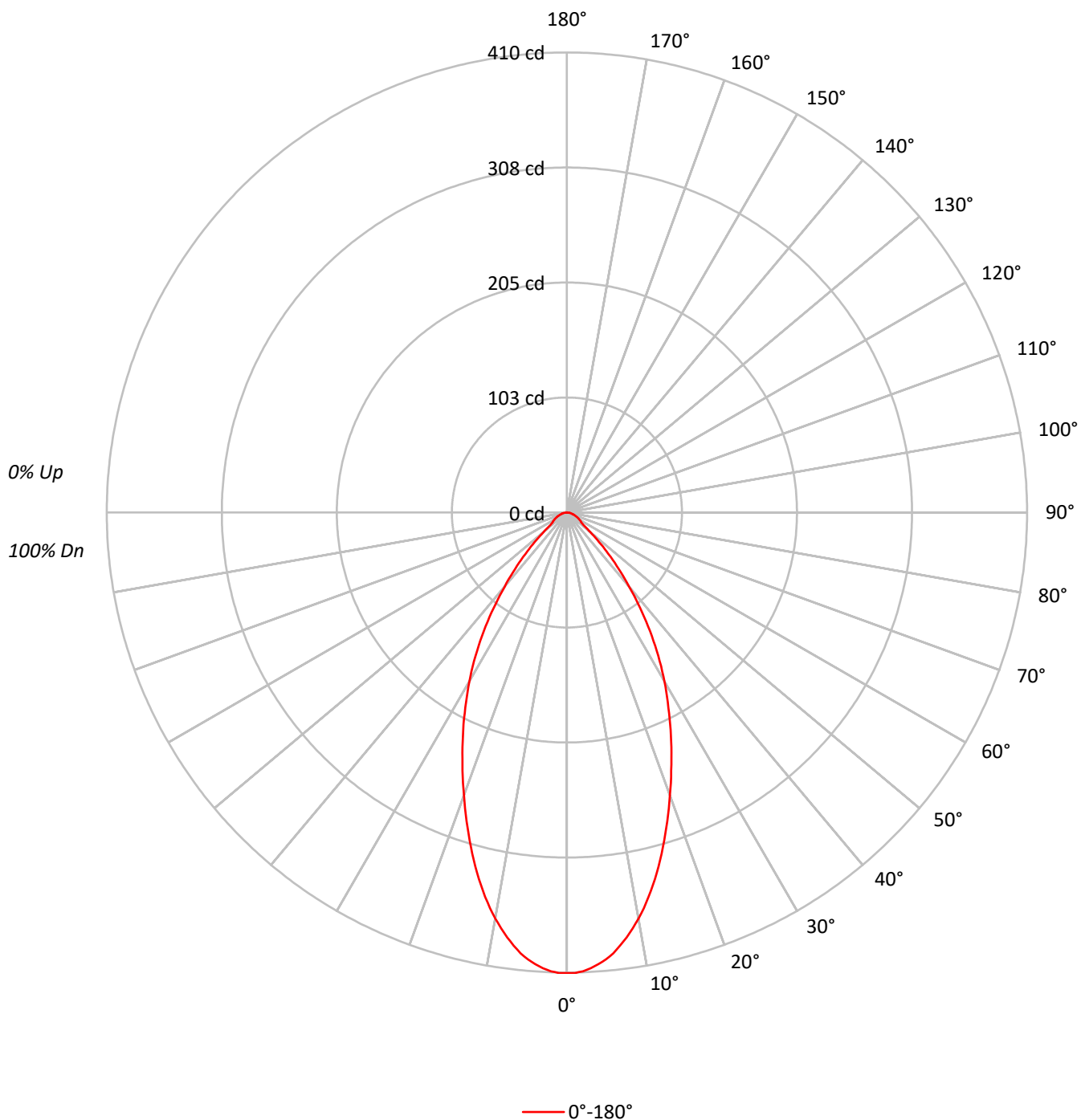
Lumens per Lamp: N/A
Luminaire Lumens: 381.0 lumens
Efficiency: N/A
Efficacy: 52.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1248477

CATALOG NUMBER: P3AS05R309027DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1248477

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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	30	10	50	30	10
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	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76		
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	90015
5°	87981
10°	81829
15°	72804
20°	62632
25°	53060
30°	44032
35°	34532
40°	24761
45°	16250
50°	9245
55°	6079
60°	5745
65°	5344
70°	4809
75°	4321
80°	4167
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16250 cd/sqm

TEST NUMBER: P1248477

CATALOG NUMBER: P3AS05R309027DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.1	9.7
10°-20°	89.2	23.4
20°-30°	100.5	26.4
30°-40°	80.2	21.1
40°-50°	41.3	10.8
50°-60°	15.5	4.1
60°-70°	10.2	2.7
70°-80°	5.5	1.4
80°-90°	1.6	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°	226.8	59.5
0°-40°	307.0	80.6
0°-60°	363.8	95.5
0°-90°	381.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	381.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	410	
5°	400	37
15°	321	89
25°	219	100
35°	129	80
45°	52	41
55°	16	16
65°	10	10
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1248477

CATALOG NUMBER: P3AS05R309027DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	410.5
1°	410.5
2°	409.1
3°	406.7
4°	403.5
5°	399.7
6°	395.1
7°	389.0
8°	382.4
9°	375.0
10°	367.5
11°	359.1
12°	350.2
13°	340.8
14°	331.0
15°	320.7
17.5°	294.5
20°	268.4
22.5°	243.1
25°	219.3
27.5°	195.9
30°	173.9
32.5°	151.5
35°	129.0
37.5°	107.1
40°	86.5
42.5°	68.3
45°	52.4
47.5°	38.8
50°	27.1
52.5°	19.2
55°	15.9
57.5°	14.5
60°	13.1
62.5°	11.7
65°	10.3
67.5°	8.9
70°	7.5
72.5°	6.1
75°	5.1
77.5°	4.2
80°	3.3
82.5°	2.3
85°	1.4
87.5°	0.5



TEST NUMBER: P1248477

CATALOG NUMBER: P3AS05R309027DE010 E3DLD1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)