

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: P1253896

Luminaire Tested: P3AS05R309035DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253896
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309035DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

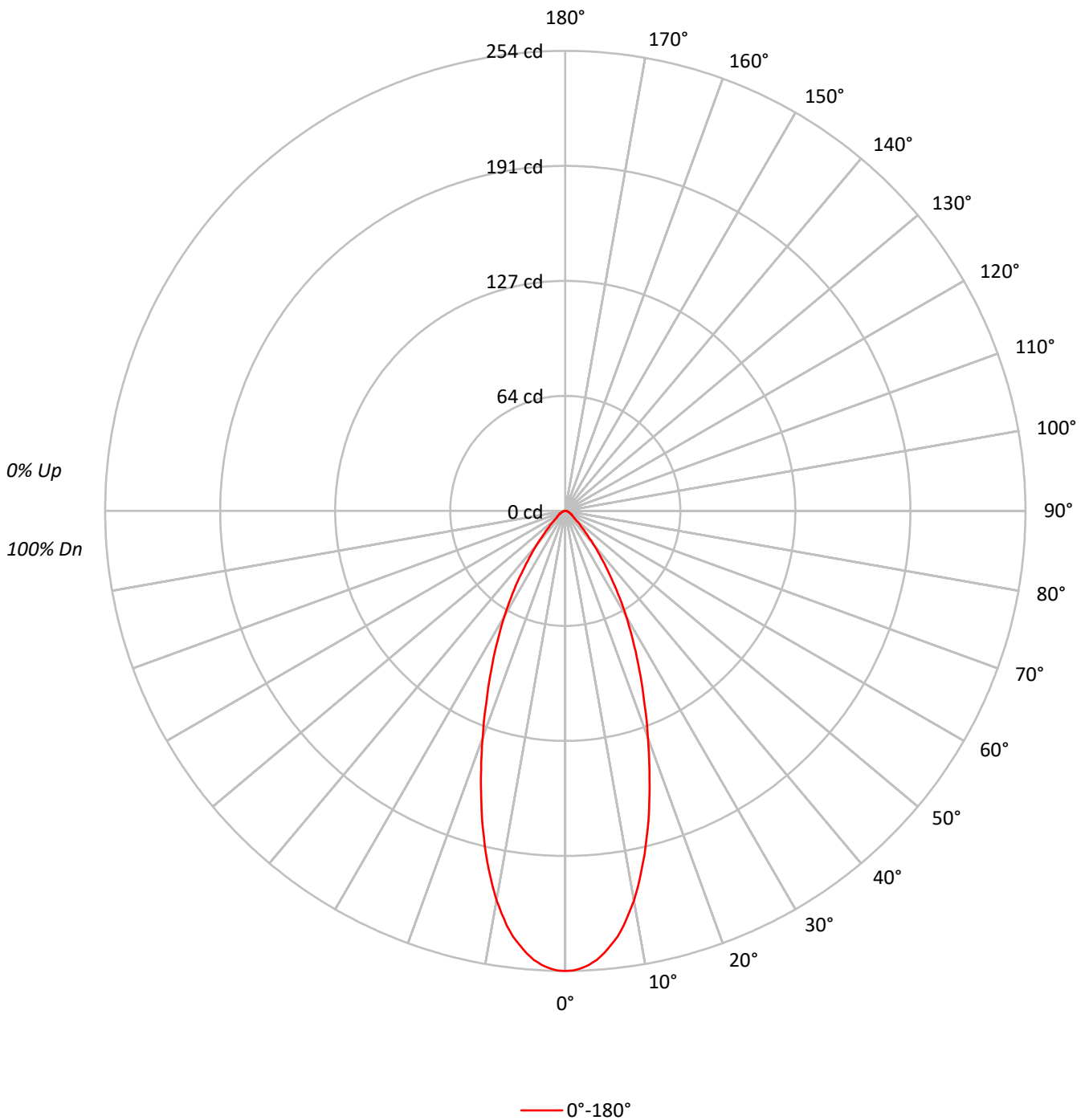
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 163.0 lumens
Efficiency: N/A
Efficacy: 22.6 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
Input Voltage (V): NR
Input Current (A_{in}): 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: P1253896
CATALOG NUMBER: P3AS05R309035DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1253896
 CATALOG NUMBER: P3AS05R309035DE010 E3DLP1GPH

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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86			86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80			80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74			74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70			70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65			65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61			61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58			58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55			55
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	60	56	53	52			52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	55697
5°	53973
10°	48630
15°	40227
20°	31153
25°	23372
30°	16965
35°	11297
40°	6956
45°	4062
50°	2490
55°	2026
60°	1754
65°	1453
70°	1282
75°	1271
80°	1010
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4062 cd/sqm



TEST NUMBER: P1253896
 CATALOG NUMBER: P3AS05R309035DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.6	13.8
10°-20°	48.8	29.9
20°-30°	44.4	27.2
30°-40°	26.9	16.5
40°-50°	10.8	6.6
50°-60°	4.7	2.9
60°-70°	2.9	1.8
70°-80°	1.6	1.0
80°-90°	0.5	0.3
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°	115.8	71.0
0°-40°	142.6	87.5
0°-60°	158.1	97.0
0°-90°	163.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	163.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	254	
5°	245	23
15°	177	49
25°	97	44
35°	42	27
45°	13	11
55°	5	5
65°	3	3
75°	2	2
85°	0	0
90°	0	



TEST NUMBER: P1253896
CATALOG NUMBER: P3AS05R309035DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	254.0
1°	253.8
2°	252.7
3°	251.0
4°	248.5
5°	245.2
6°	241.1
7°	236.8
8°	231.3
9°	224.9
10°	218.4
11°	210.8
12°	202.7
13°	194.6
14°	185.8
15°	177.2
17.5°	154.7
20°	133.5
22.5°	113.7
25°	96.6
27.5°	80.9
30°	67.0
32.5°	54.1
35°	42.2
37.5°	32.4
40°	24.3
42.5°	17.7
45°	13.1
47.5°	9.9
50°	7.3
52.5°	5.8
55°	5.3
57.5°	4.5
60°	4.0
62.5°	3.3
65°	2.8
67.5°	2.5
70°	2.0
72.5°	1.8
75°	1.5
77.5°	1.3
80°	0.8
82.5°	0.5
85°	0.5
87.5°	0.3



TEST NUMBER: P1253896
CATALOG NUMBER: P3AS05R309035DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)