

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: P1273506

Luminaire Tested: P3A05R609830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273506
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R609830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

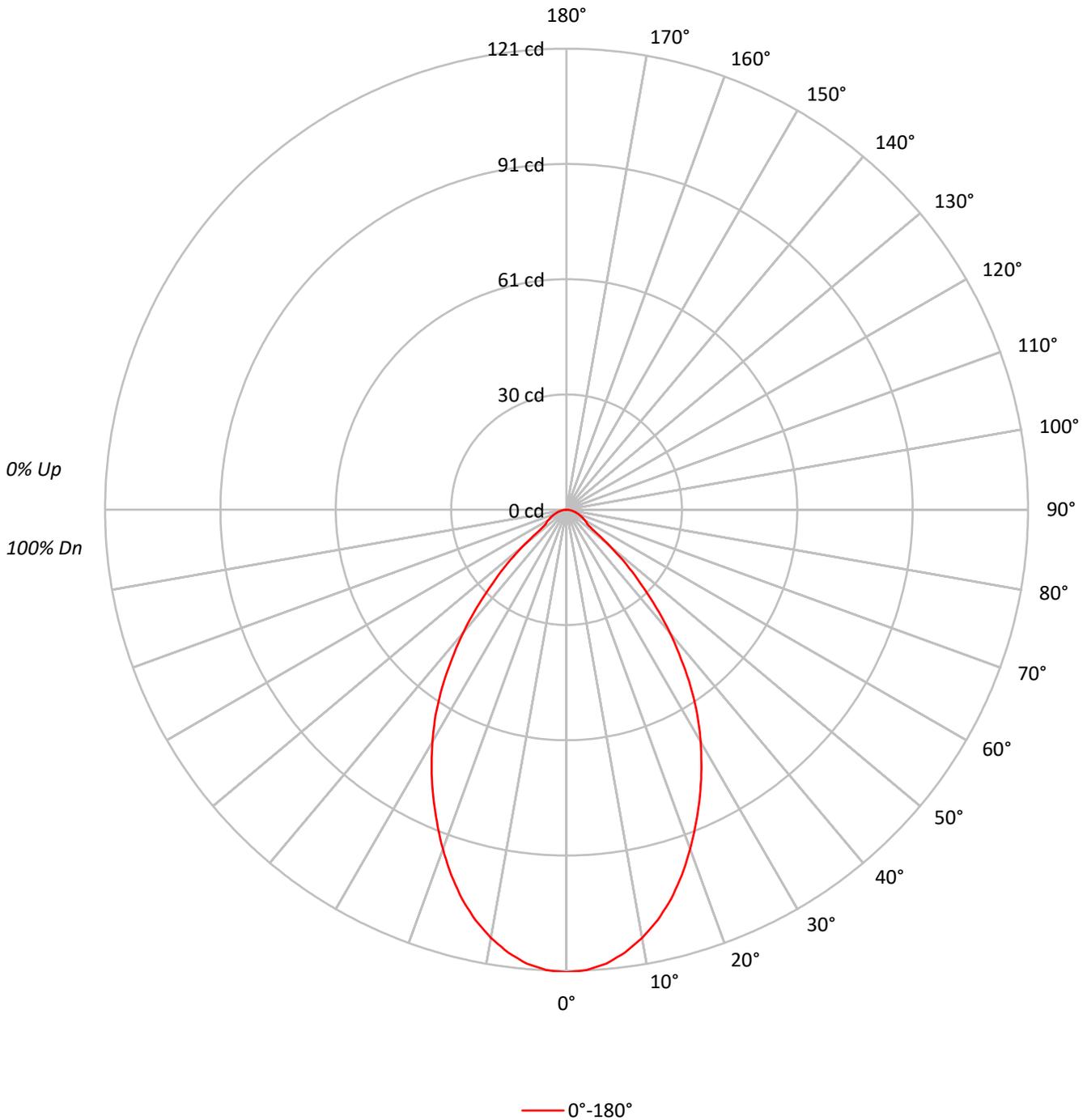
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 150.0 lumens
Efficiency: N/A
Efficacy: 20.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
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: P1273506
CATALOG NUMBER: P3A05R609830DE010 E3DLD1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1273506
 CATALOG NUMBER: P3A05R609830DE010 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	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82			82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74			74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61			61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56			56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51			51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47			47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44			44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41			41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	26621
5°	26326
10°	25406
15°	24018
20°	22122
25°	20033
30°	17800
35°	15205
40°	12080
45°	8528
50°	5083
55°	2561
60°	2456
65°	2283
70°	2116
75°	2033
80°	1894
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8528 cd/sqm



TEST NUMBER: P1273506
 CATALOG NUMBER: P3A05R609830DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.2	7.5
10°-20°	29.6	19.7
20°-30°	37.9	25.3
30°-40°	35.2	23.5
40°-50°	21.4	14.3
50°-60°	7.1	4.7
60°-70°	4.3	2.9
70°-80°	2.5	1.6
80°-90°	0.7	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°	78.7	52.5
0°-40°	113.9	76.0
0°-60°	142.5	95.0
0°-90°	150.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	150.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	121	
5°	120	11
15°	106	30
25°	83	38
35°	57	35
45°	28	21
55°	7	7
65°	4	4
75°	2	2
85°	0	1
90°	0	



TEST NUMBER: P1273506
CATALOG NUMBER: P3A05R609830DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	121.4
2.5°	120.9
5°	119.6
7.5°	117.2
10°	114.1
12.5°	110.3
15°	105.8
17.5°	100.5
20°	94.8
22.5°	88.8
25°	82.8
27.5°	76.6
30°	70.3
32.5°	63.9
35°	56.8
37.5°	49.3
40°	42.2
42.5°	34.8
45°	27.5
47.5°	21.3
50°	14.9
52.5°	8.9
55°	6.7
57.5°	6.2
60°	5.6
62.5°	4.9
65°	4.4
67.5°	3.8
70°	3.3
72.5°	2.7
75°	2.4
77.5°	1.8
80°	1.5
82.5°	0.9
85°	0.5
87.5°	0.4
90°	0.0

(END OF REPORT)