

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: P1273535

Luminaire Tested: P3A05R659830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273535
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R659830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

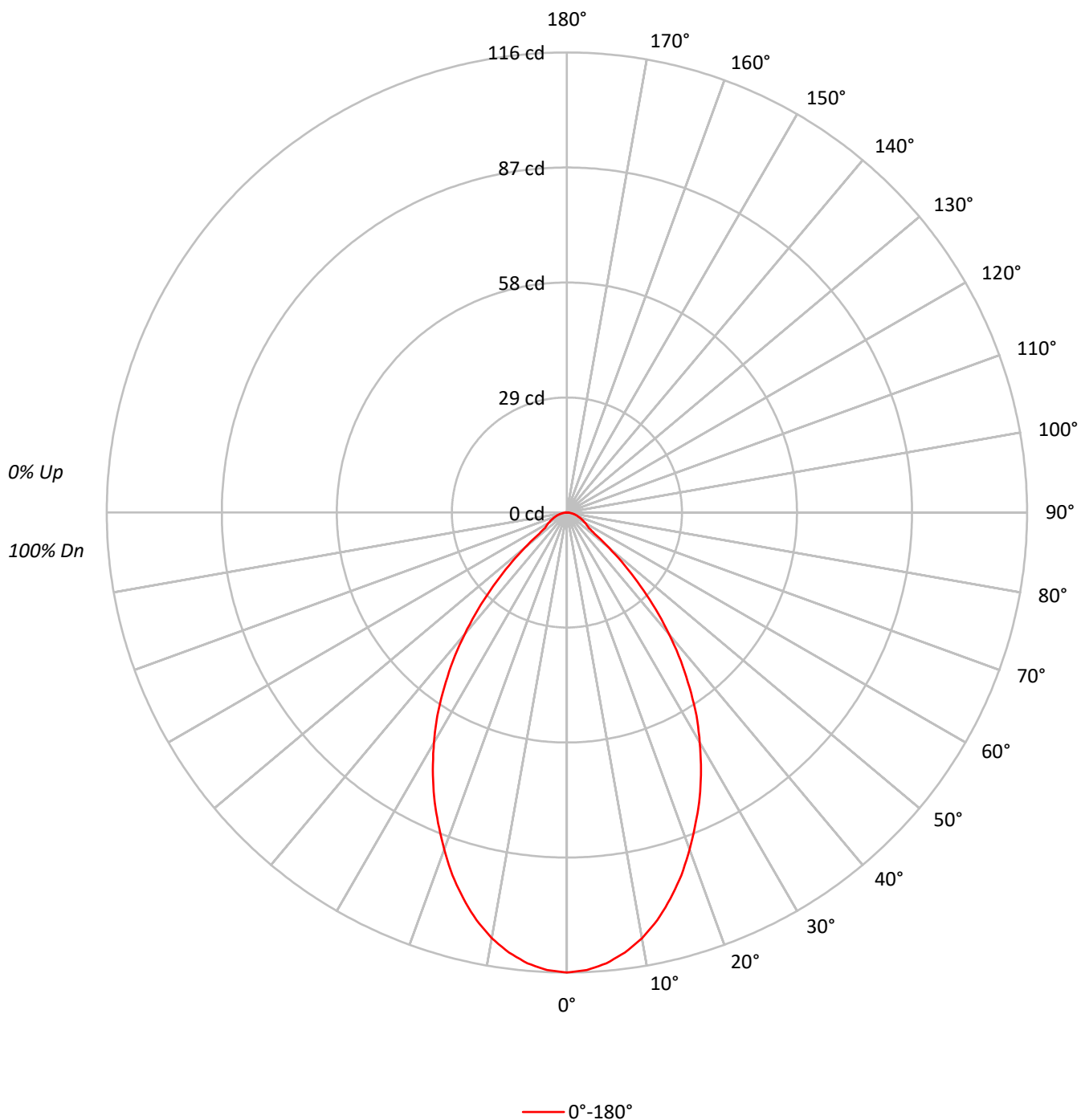
Lumens per Lamp: N/A
Luminaire Lumens: 143.0 lumens
Efficiency: N/A
Efficacy: 19.9 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.95 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1273535

CATALOG NUMBER: P3A05R659830DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1273535

CATALOG NUMBER: P3A05R659830DE010 E3DLD1GPH

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	25437
5°	25115
10°	24270
15°	22883
20°	21095
25°	19162
30°	16965
35°	14429
40°	11479
45°	8125
50°	4708
55°	2561
60°	2368
65°	2179
70°	1988
75°	1864
80°	1642
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8125 cd/sqm

TEST NUMBER: P1273535

CATALOG NUMBER: P3A05R659830DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.7	7.5
10°-20°	28.2	19.7
20°-30°	36.2	25.3
30°-40°	33.5	23.4
40°-50°	20.3	14.2
50°-60°	6.9	4.8
60°-70°	4.1	2.9
70°-80°	2.3	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°	75.2	52.6
0°-40°	108.7	76.0
0°-60°	135.8	95.0
0°-90°	143.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	143.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	116	
5°	114	11
15°	101	28
25°	79	36
35°	54	34
45°	26	20
55°	7	7
65°	4	4
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1273535

CATALOG NUMBER: P3A05R659830DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	116.0
2.5°	115.5
5°	114.1
7.5°	111.9
10°	109.0
12.5°	105.3
15°	100.8
17.5°	95.9
20°	90.4
22.5°	84.8
25°	79.2
27.5°	73.2
30°	67.0
32.5°	60.8
35°	53.9
37.5°	47.2
40°	40.1
42.5°	33.1
45°	26.2
47.5°	19.8
50°	13.8
52.5°	8.7
55°	6.7
57.5°	6.0
60°	5.4
62.5°	4.7
65°	4.2
67.5°	3.6
70°	3.1
72.5°	2.7
75°	2.2
77.5°	1.8
80°	1.3
82.5°	0.9
85°	0.5
87.5°	0.4
90°	0.0

(END OF REPORT)