

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: P1291006

Luminaire Tested: P3A05R65W2N902750DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291006
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: P3A05R65W2N902750DE010 E3DLD1GPH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 4000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

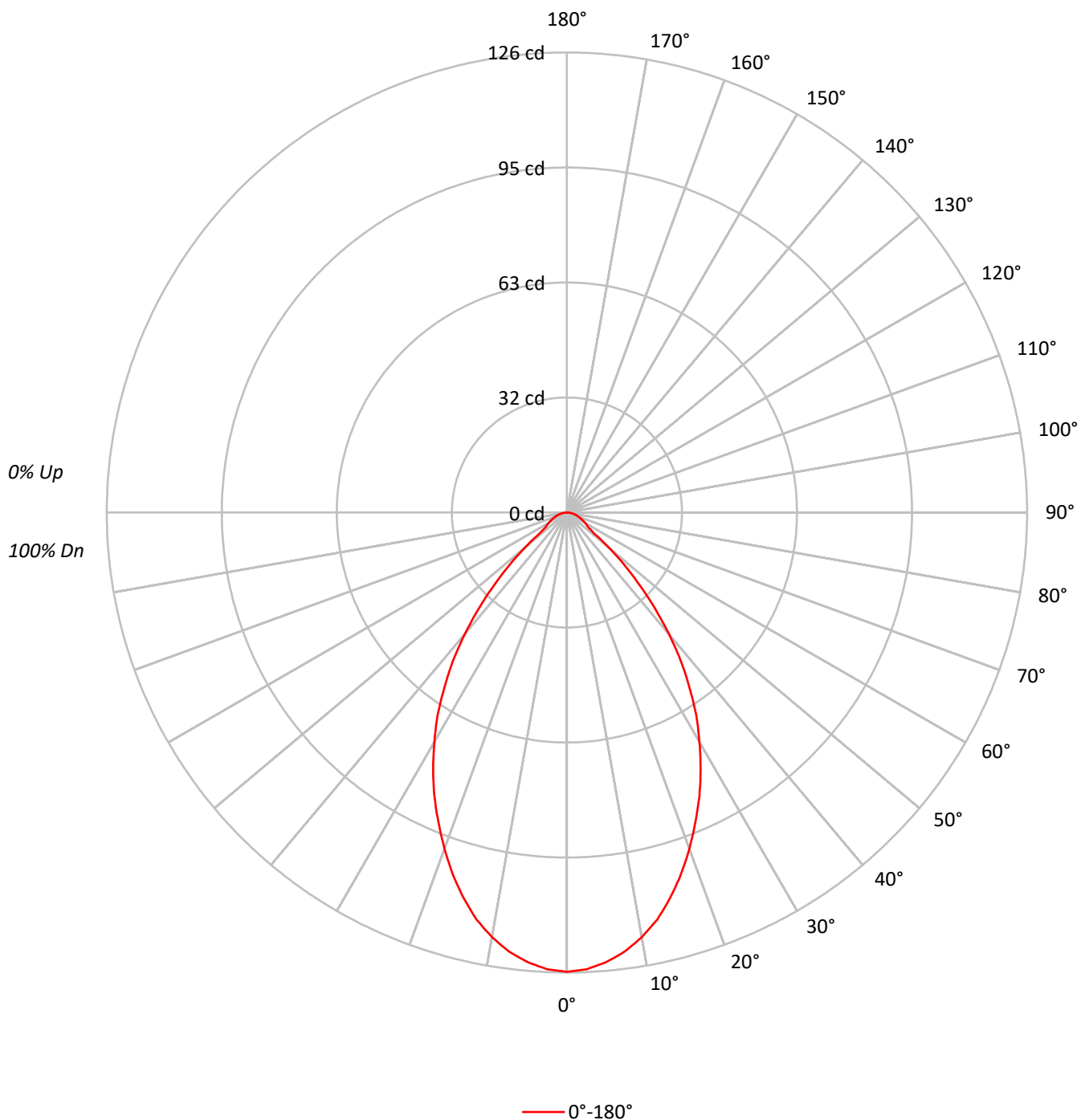
Lumens per Lamp: N/A
Luminaire Lumens: 155.0 lumens
Efficiency: N/A
Efficacy: 26.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					50					30					0
RW	70	50	30	10	70	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	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82			
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74			
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61			
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56			
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51			
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47			
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44			
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	27586
5°	27207
10°	26297
15°	24813
20°	22869
25°	20759
30°	18383
35°	15660
40°	12452
45°	8776
50°	5117
55°	2791
60°	2588
65°	2335
70°	2116
75°	2033
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8776 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.6	7.5
10°-20°	30.6	19.7
20°-30°	39.3	25.3
30°-40°	36.3	23.4
40°-50°	21.9	14.2
50°-60°	7.5	4.8
60°-70°	4.5	2.9
70°-80°	2.6	1.7
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°	81.5	52.6
0°-40°	117.8	76.0
0°-60°	147.2	95.0
0°-90°	155.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	155.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	126	
5°	124	12
15°	109	31
25°	86	39
35°	58	36
45°	28	22
55°	7	7
65°	4	4
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	125.8
2.5°	125.2
5°	123.6
7.5°	121.3
10°	118.1
12.5°	114.2
15°	109.3
17.5°	103.9
20°	98.0
22.5°	91.9
25°	85.8
27.5°	79.3
30°	72.6
32.5°	65.9
35°	58.5
37.5°	51.2
40°	43.5
42.5°	35.8
45°	28.3
47.5°	21.5
50°	15.0
52.5°	9.4
55°	7.3
57.5°	6.5
60°	5.9
62.5°	5.1
65°	4.5
67.5°	3.9
70°	3.3
72.5°	3.0
75°	2.4
77.5°	2.0
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)