

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: P1290684

Luminaire Tested: P3A05R60W2N902750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290684
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: P3A05R60W2N902750DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

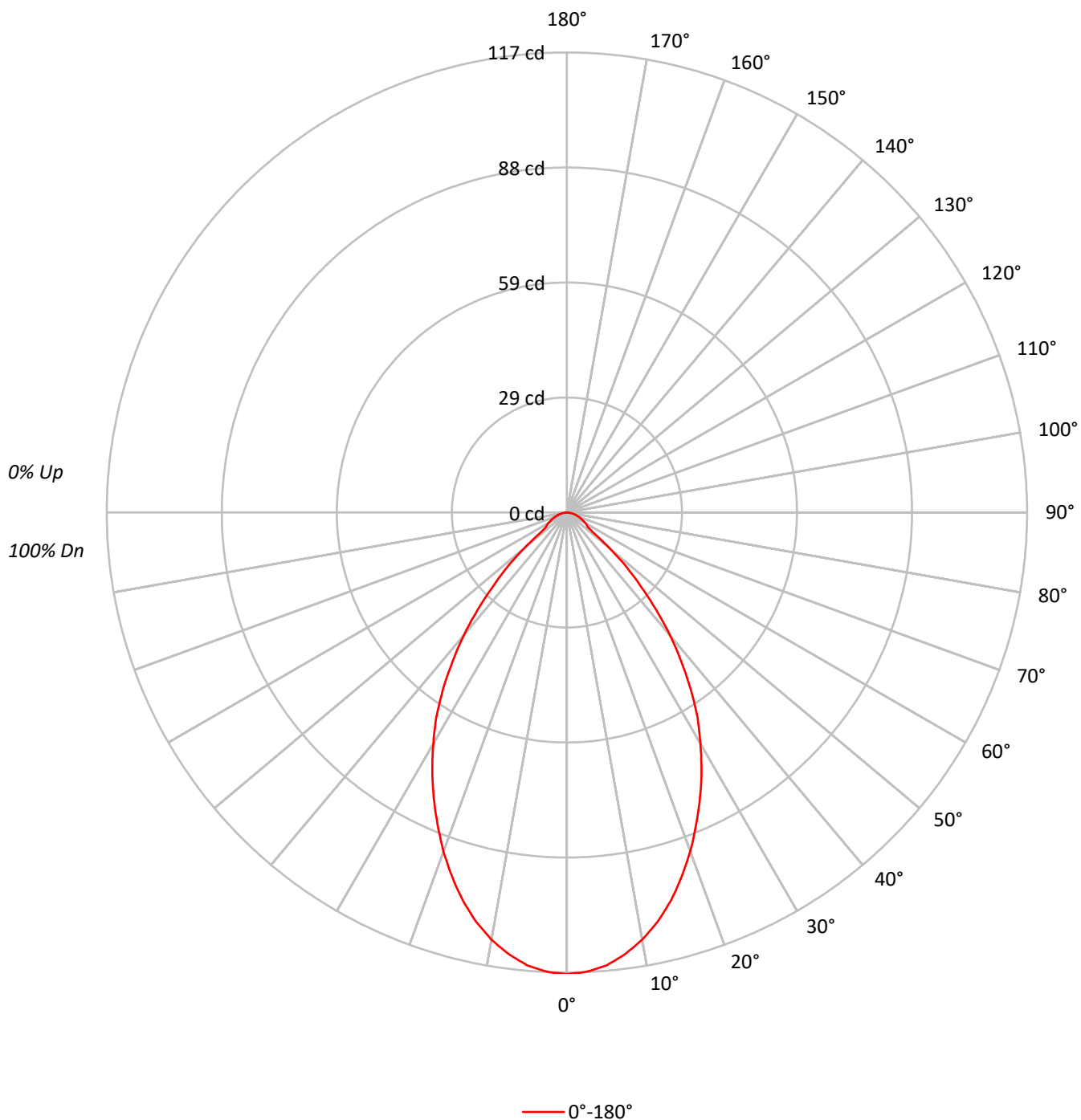
Lumens per Lamp: N/A
Luminaire Lumens: 145.0 lumens
Efficiency: N/A
Efficacy: 24.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					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°	25744
5°	25446
10°	24560
15°	23201
20°	21399
25°	19380
30°	17193
35°	14696
40°	11679
45°	8249
50°	4912
55°	2485
60°	2412
65°	2179
70°	2052
75°	1949
80°	1768
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8249 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.9	7.5
10°-20°	28.6	19.7
20°-30°	36.7	25.3
30°-40°	34.0	23.5
40°-50°	20.7	14.3
50°-60°	6.9	4.8
60°-70°	4.2	2.9
70°-80°	2.4	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°	76.1	52.5
0°-40°	110.1	75.9
0°-60°	137.8	95.0
0°-90°	145.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	145.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	117	
5°	116	11
15°	102	29
25°	80	37
35°	55	34
45°	27	21
55°	6	7
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	117.4
2.5°	116.9
5°	115.6
7.5°	113.3
10°	110.3
12.5°	106.6
15°	102.2
17.5°	97.1
20°	91.7
22.5°	85.9
25°	80.1
27.5°	74.1
30°	67.9
32.5°	61.8
35°	54.9
37.5°	47.7
40°	40.8
42.5°	33.6
45°	26.6
47.5°	20.6
50°	14.4
52.5°	8.6
55°	6.5
57.5°	6.0
60°	5.5
62.5°	4.8
65°	4.2
67.5°	3.7
70°	3.2
72.5°	2.6
75°	2.3
77.5°	1.8
80°	1.4
82.5°	0.9
85°	0.5
87.5°	0.4
90°	0.0

(END OF REPORT)