

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: P1289453

Luminaire Tested: P3A05R40W2N902750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289453
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R40W2N902750DE010 E3DLD1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

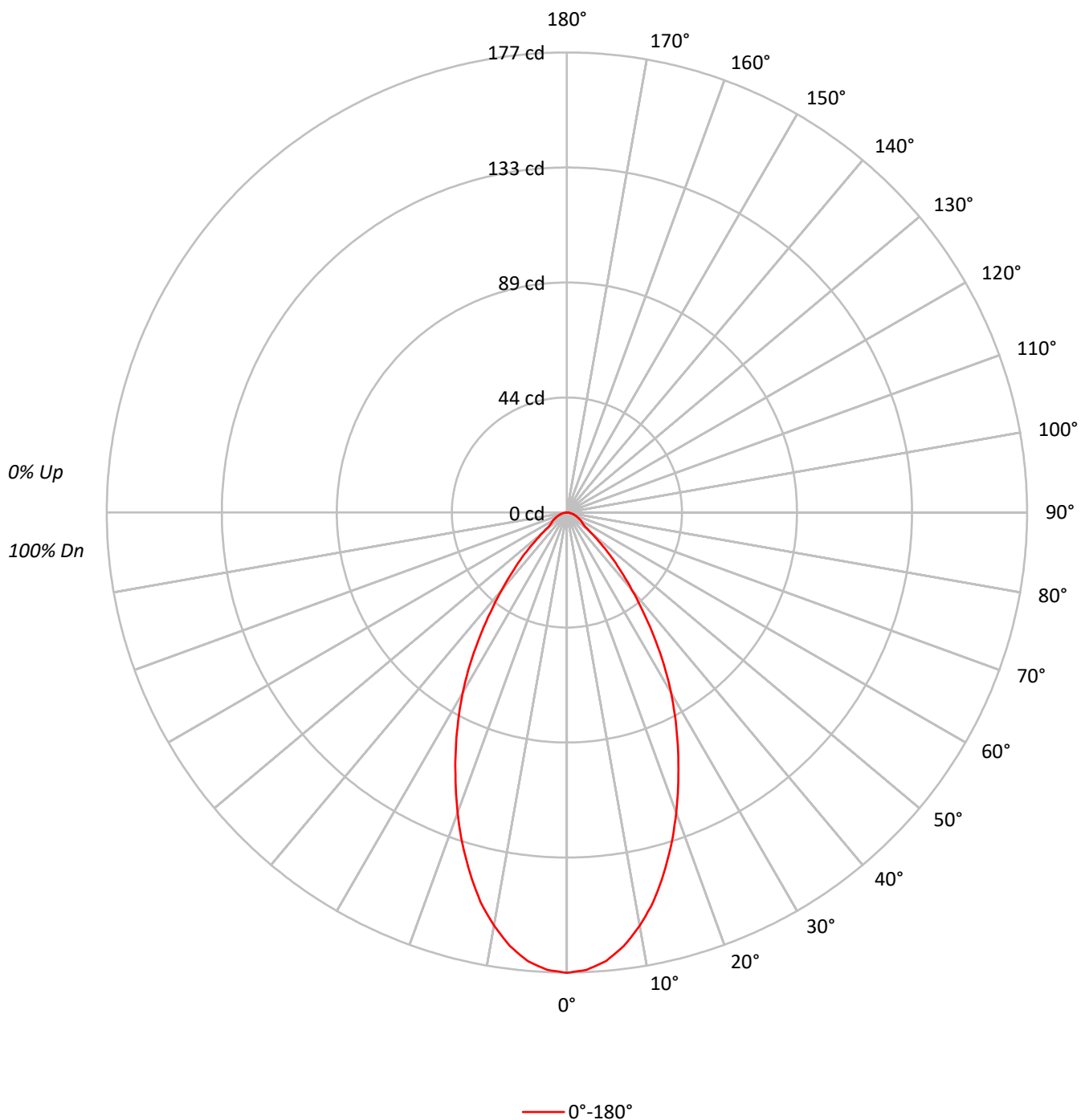
Lumens per Lamp: N/A
Luminaire Lumens: 173.0 lumens
Efficiency: N/A
Efficacy: 29.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1289453

CATALOG NUMBER: P3A05R40W2N902750DE010 E3DLD1GPH_3000K

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				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	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	38835
5°	38124
10°	35938
15°	32645
20°	28679
25°	24485
30°	20282
35°	15660
40°	11135
45°	7505
50°	4094
55°	2867
60°	2719
65°	2491
70°	2244
75°	2118
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7505 cd/sqm

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CATALOG NUMBER: P3A05R40W2N902750DE010 E3DLD1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	9.3
10°-20°	40.1	23.2
20°-30°	46.3	26.8
30°-40°	36.5	21.1
40°-50°	18.7	10.8
50°-60°	7.2	4.1
60°-70°	4.7	2.7
70°-80°	2.6	1.5
80°-90°	0.8	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°	102.5	59.3
0°-40°	139.0	80.4
0°-60°	164.9	95.3
0°-90°	173.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	173.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	177	
5°	173	16
15°	144	40
25°	101	46
35°	58	37
45°	24	19
55°	8	7
65°	5	5
75°	2	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	177.1
2.5°	176.1
5°	173.2
7.5°	168.2
10°	161.4
12.5°	153.5
15°	143.8
17.5°	133.7
20°	122.9
22.5°	111.9
25°	101.2
27.5°	90.6
30°	80.1
32.5°	69.5
35°	58.5
37.5°	48.2
40°	38.9
42.5°	31.0
45°	24.2
47.5°	17.6
50°	12.0
52.5°	8.7
55°	7.5
57.5°	6.8
60°	6.2
62.5°	5.4
65°	4.8
67.5°	4.1
70°	3.5
72.5°	2.9
75°	2.5
77.5°	1.9
80°	1.4
82.5°	1.2
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)