

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: P1289422

Luminaire Tested: P3AS05R40W2N902750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289422
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R40W2N902750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

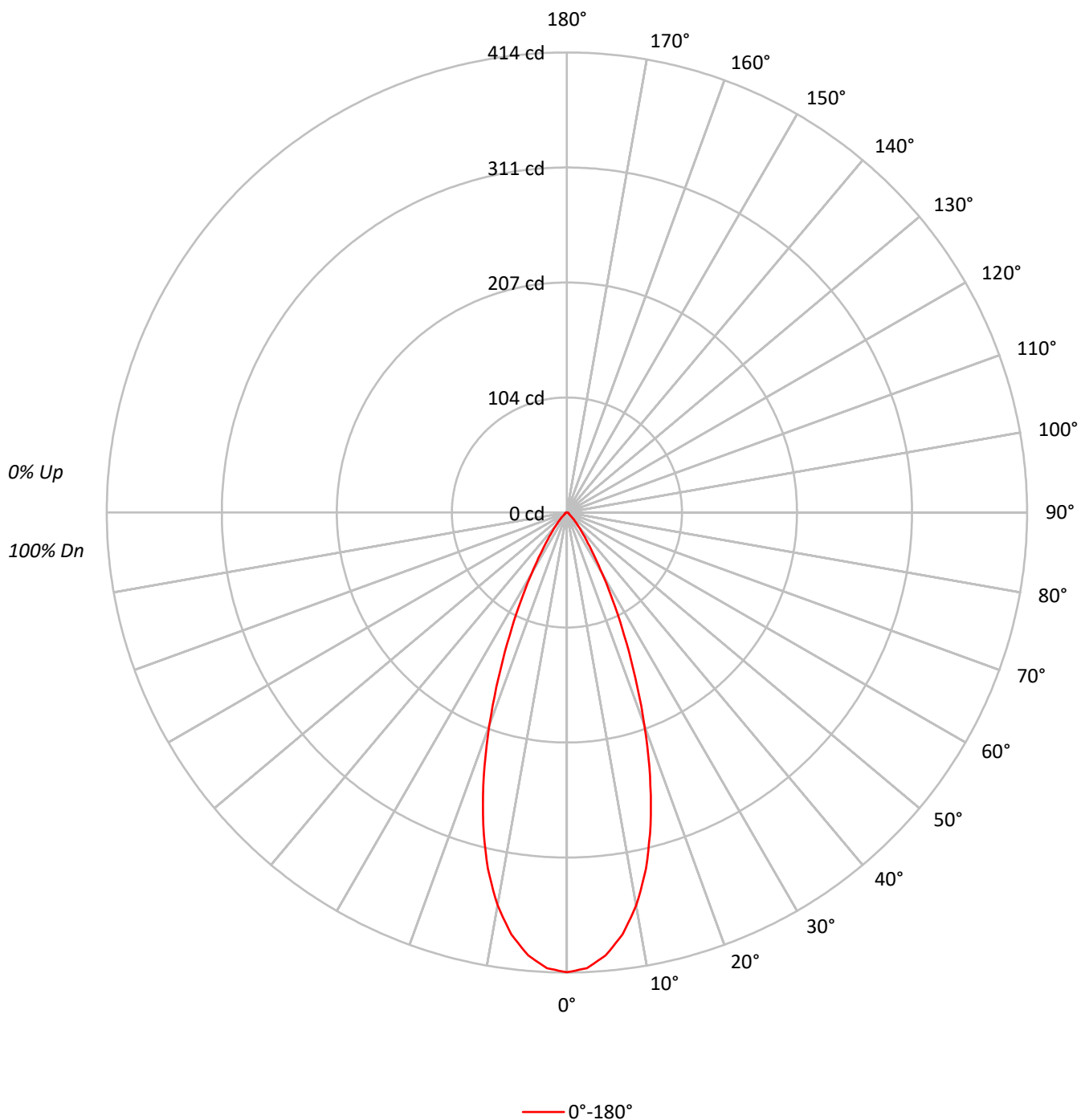
Lumens per Lamp: N/A
Luminaire Lumens: 205.1 lumens
Efficiency: N/A
Efficacy: 34.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					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	114	111	109	107		112	109	107	105		105	104	102		102	100	99		98	97	96		94			
2	109	105	101	98		107	103	100	97		100	97	95		97	95	93		94	92	91		89			
3	104	99	94	91		102	97	93	90		95	91	88		92	89	87		90	88	86		84			
4	100	93	88	85		98	92	88	84		90	86	83		88	85	82		86	84	81		80			
5	96	88	83	79		94	87	83	79		86	82	78		84	81	78		83	80	77		76			
6	92	84	79	75		91	83	78	75		82	77	74		81	77	74		79	76	73		72			
7	88	80	75	71		87	79	74	71		78	74	71		77	73	70		76	73	70		69			
8	85	76	71	68		84	76	71	67		75	70	67		74	70	67		73	69	67		65			
9	82	73	68	64		81	73	68	64		72	67	64		71	67	64		70	66	64		63			
10	78	70	65	62		78	70	65	61		69	64	61		68	64	61		67	64	61		60			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	90716
5°	88069
10°	79936
15°	66039
20°	47627
25°	29469
30°	15952
35°	8245
40°	4494
45°	2512
50°	1262
55°	956
60°	833
65°	830
70°	769
75°	763
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2512 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.9	18.0
10°-20°	79.2	38.6
20°-30°	56.5	27.6
30°-40°	20.8	10.1
40°-50°	6.6	3.2
50°-60°	2.3	1.1
60°-70°	1.6	0.8
70°-80°	0.9	0.5
80°-90°	0.3	0.1
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°	172.6	84.2
0°-40°	193.4	94.3
0°-60°	202.3	98.6
0°-90°	205.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	205.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	414	
5°	400	37
15°	291	79
25°	122	57
35°	31	21
45°	8	7
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	413.7
2.5°	410.5
5°	400.1
7.5°	382.9
10°	359.0
12.5°	328.5
15°	290.9
17.5°	248.6
20°	204.1
22.5°	160.3
25°	121.8
27.5°	89.4
30°	63.0
32.5°	44.2
35°	30.8
37.5°	21.8
40°	15.7
42.5°	11.3
45°	8.1
47.5°	5.5
50°	3.7
52.5°	2.6
55°	2.5
57.5°	2.3
60°	1.9
62.5°	1.8
65°	1.6
67.5°	1.4
70°	1.2
72.5°	1.1
75°	0.9
77.5°	0.7
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)