

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: P1289650

Luminaire Tested: P3A05R40W2N902765DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289650
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R40W2N902765DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

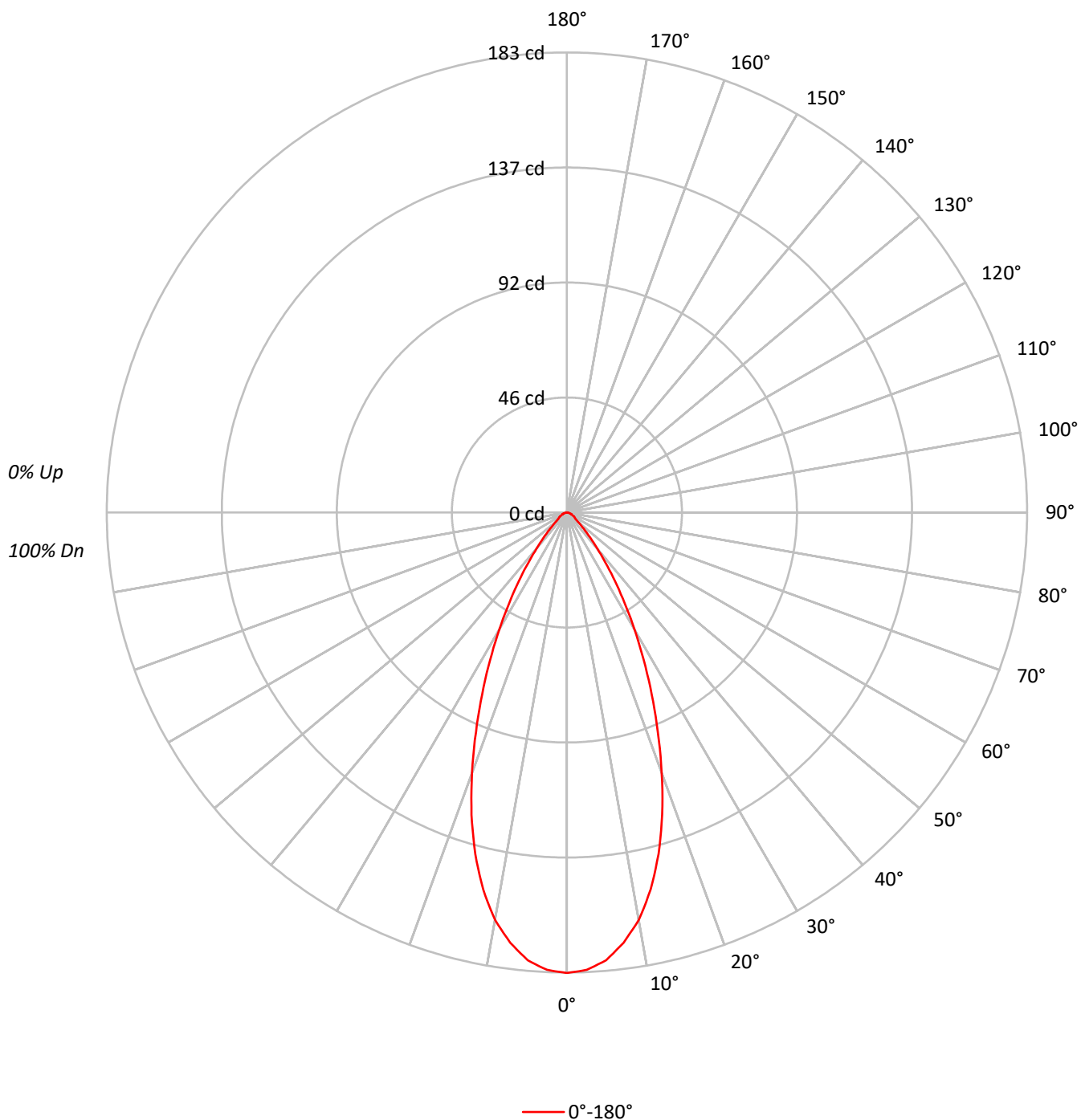
Lumens per Lamp: N/A
Luminaire Lumens: 129.1 lumens
Efficiency: N/A
Efficacy: 21.9 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	108	105		111	108	106	104		104	102	100		100	99	97		97	96	95
2	107	102	98	95		105	101	97	93		97	94	91		94	92	89		92	89	88
3	102	95	90	86		100	94	89	85		91	87	84		89	85	83		86	84	81
4	97	89	83	79		95	88	83	79		86	81	78		84	80	77		82	78	76
5	92	83	77	73		90	82	77	73		81	76	72		79	75	71		77	74	71
6	87	78	72	68		86	78	72	68		76	71	67		75	70	67		73	69	66
7	83	74	68	64		82	73	68	63		72	67	63		71	66	63		70	66	62
8	79	70	64	60		78	69	64	60		68	63	59		67	63	59		66	62	59
9	76	66	60	56		75	66	60	56		65	60	56		64	59	56		63	59	56
10	72	63	57	53		71	62	57	53		62	57	53		61	56	53		60	56	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	40172
5°	39357
10°	36650
15°	31941
20°	25739
25°	19283
30°	13572
35°	8887
40°	5382
45°	3225
50°	1910
55°	1529
60°	1403
65°	1193
70°	1154
75°	932
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3225 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.6	12.9
10°-20°	38.8	30.0
20°-30°	36.5	28.3
30°-40°	21.1	16.4
40°-50°	8.4	6.5
50°-60°	3.7	2.9
60°-70°	2.3	1.8
70°-80°	1.2	0.9
80°-90°	0.4	0.3
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°	91.9	71.2
0°-40°	113.0	87.5
0°-60°	125.1	97.0
0°-90°	129.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	129.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	183	
5°	179	17
15°	141	39
25°	80	37
35°	33	21
45°	10	8
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	183.2
2.5°	182.1
5°	178.8
7.5°	172.6
10°	164.6
12.5°	153.7
15°	140.7
17.5°	126.1
20°	110.3
22.5°	94.5
25°	79.7
27.5°	66.0
30°	53.6
32.5°	42.7
35°	33.2
37.5°	25.1
40°	18.8
42.5°	14.1
45°	10.4
47.5°	7.6
50°	5.6
52.5°	4.6
55°	4.0
57.5°	3.7
60°	3.2
62.5°	2.6
65°	2.3
67.5°	1.9
70°	1.8
72.5°	1.4
75°	1.1
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)