

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: P1283407

Luminaire Tested: P3AS09R40B2750DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283407
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: P3AS09R40B2750DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

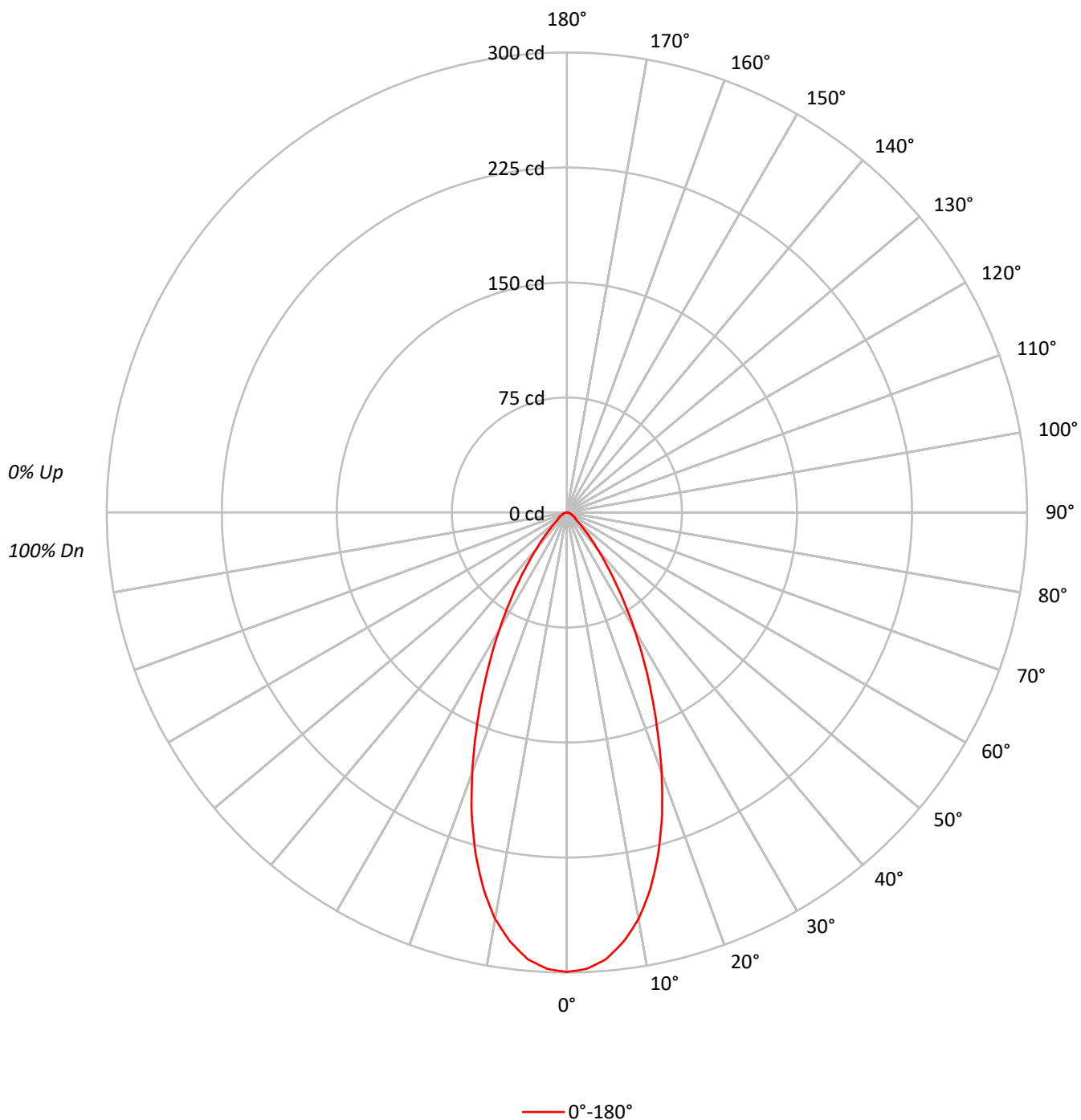
Lumens per Lamp: N/A
Luminaire Lumens: 211.0 lumens
Efficiency: N/A
Efficacy: 16.1 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
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	113	110	108	105		111	108	106	104		104	102	100		100	99	97		97	96	95		93			
2	107	102	98	95		105	101	97	93		97	94	91		94	92	89		92	89	88		86			
3	102	95	90	86		100	94	89	85		91	87	84		89	85	83		86	84	81		80			
4	97	89	83	79		95	88	83	79		86	81	78		84	80	77		82	79	76		74			
5	92	83	77	73		90	82	77	73		81	76	72		79	75	71		77	74	71		69			
6	87	78	72	68		86	78	72	68		76	71	67		75	70	67		73	69	66		65			
7	83	74	68	64		82	73	68	64		72	67	63		71	66	63		70	66	62		61			
8	79	70	64	60		78	69	64	60		68	63	59		67	63	59		66	62	59		58			
9	76	66	60	56		75	66	60	56		65	60	56		64	59	56		63	59	56		54			
10	72	63	57	53		71	62	57	53		62	57	53		61	56	53		60	56	53		51			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65696
5°	64363
10°	59941
15°	52236
20°	42097
25°	31550
30°	22181
35°	14536
40°	8788
45°	5241
50°	3138
55°	2523
60°	2281
65°	1920
70°	1859
75°	1440
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5241 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.2	12.9
10°-20°	63.4	30.0
20°-30°	59.7	28.3
30°-40°	34.5	16.4
40°-50°	13.8	6.5
50°-60°	6.1	2.9
60°-70°	3.8	1.8
70°-80°	2.0	0.9
80°-90°	0.6	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°	150.3	71.2
0°-40°	184.8	87.6
0°-60°	204.6	97.0
0°-90°	211.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	211.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	300	
5°	292	27
15°	230	63
25°	130	60
35°	54	35
45°	17	14
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	299.6
2.5°	297.9
5°	292.4
7.5°	282.4
10°	269.2
12.5°	251.4
15°	230.1
17.5°	206.3
20°	180.4
22.5°	154.5
25°	130.4
27.5°	108.0
30°	87.6
32.5°	69.8
35°	54.3
37.5°	41.1
40°	30.7
42.5°	23.0
45°	16.9
47.5°	12.4
50°	9.2
52.5°	7.5
55°	6.6
57.5°	6.0
60°	5.2
62.5°	4.3
65°	3.7
67.5°	3.2
70°	2.9
72.5°	2.3
75°	1.7
77.5°	1.4
80°	1.1
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)