

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: P1285101

Luminaire Tested: P3AS13R40B2750DE010 E3DL1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285101
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: P3AS13R40B2750DE010 E3DL1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 80CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

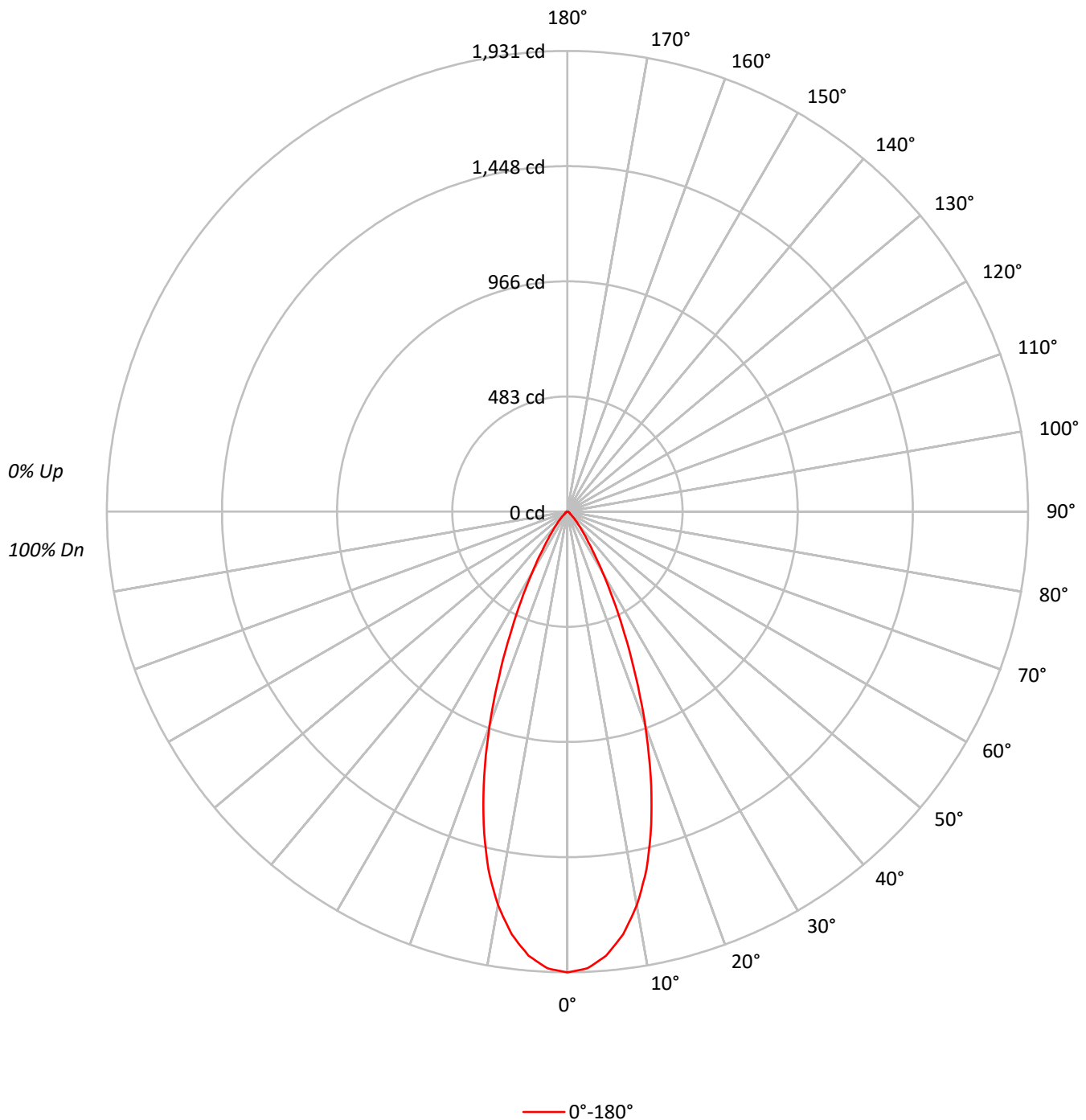
Lumens per Lamp: N/A
Luminaire Lumens: 957.0 lumens
Efficiency: N/A
Efficacy: 50.1 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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
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	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	423475
5°	411159
10°	373117
15°	308242
20°	222339
25°	137524
30°	74467
35°	38467
40°	20925
45°	11722
50°	5868
55°	4396
60°	3947
65°	3840
70°	3654
75°	3474
80°	3157
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11722 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.2	18.0
10°-20°	369.7	38.6
20°-30°	263.9	27.6
30°-40°	97.1	10.2
40°-50°	30.6	3.2
50°-60°	10.6	1.1
60°-70°	7.3	0.8
70°-80°	4.3	0.5
80°-90°	1.2	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°	805.8	84.2
0°-40°	902.9	94.4
0°-60°	944.1	98.7
0°-90°	957.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	957.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1931	
5°	1868	172
15°	1358	370
25°	568	264
35°	144	97
45°	38	31
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1931.2
2.5°	1916.4
5°	1867.9
7.5°	1787.4
10°	1675.7
12.5°	1533.6
15°	1357.8
17.5°	1160.7
20°	952.8
22.5°	748.3
25°	568.4
27.5°	417.3
30°	294.1
32.5°	206.2
35°	143.7
37.5°	101.9
40°	73.1
42.5°	52.6
45°	37.8
47.5°	25.5
50°	17.2
52.5°	12.3
55°	11.5
57.5°	10.7
60°	9.0
62.5°	8.2
65°	7.4
67.5°	6.6
70°	5.7
72.5°	4.9
75°	4.1
77.5°	3.3
80°	2.5
82.5°	1.6
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)