

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: P1281710

Luminaire Tested: P3AS05R40B2750DE010 E3DLP1WMH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281710
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: P3AS05R40B2750DE010 E3DLP1WMH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 4000K CCT AND, 80CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

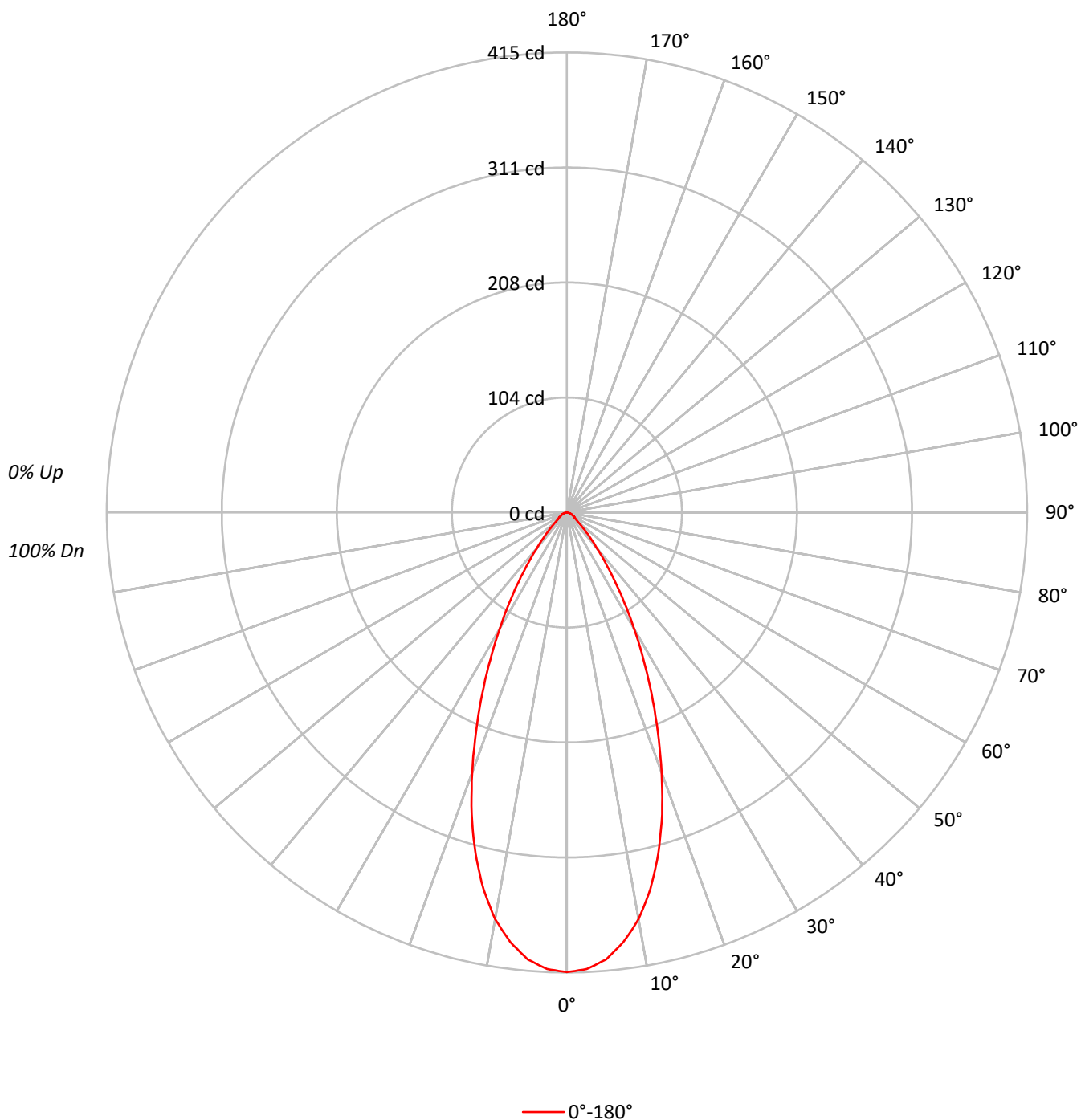
Lumens per Lamp: N/A
Luminaire Lumens: 292.0 lumens
Efficiency: N/A
Efficacy: 49.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	90914
5°	89082
10°	82942
15°	72282
20°	58268
25°	43672
30°	30714
35°	20104
40°	12166
45°	7288
50°	4332
55°	3479
60°	3158
65°	2698
70°	2565
75°	2033
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7288 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.6	12.9
10°-20°	87.7	30.0
20°-30°	82.7	28.3
30°-40°	47.8	16.4
40°-50°	19.0	6.5
50°-60°	8.4	2.9
60°-70°	5.2	1.8
70°-80°	2.7	0.9
80°-90°	0.9	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°	208.0	71.2
0°-40°	255.7	87.6
0°-60°	283.2	97.0
0°-90°	292.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	292.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	415	
5°	405	38
15°	318	88
25°	180	83
35°	75	48
45°	24	19
55°	9	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	414.6
2.5°	412.3
5°	404.7
7.5°	390.8
10°	372.5
12.5°	347.9
15°	318.4
17.5°	285.4
20°	249.7
22.5°	213.9
25°	180.5
27.5°	149.5
30°	121.3
32.5°	96.6
35°	75.1
37.5°	56.8
40°	42.5
42.5°	31.8
45°	23.5
47.5°	17.1
50°	12.7
52.5°	10.3
55°	9.1
57.5°	8.3
60°	7.2
62.5°	6.0
65°	5.2
67.5°	4.4
70°	4.0
72.5°	3.2
75°	2.4
77.5°	2.0
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)