

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: P1285741

Luminaire Tested: P3AS13R65B2750DE010 E3CD1MB_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285741
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R65B2750DE010 E3CD1MB_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 80CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

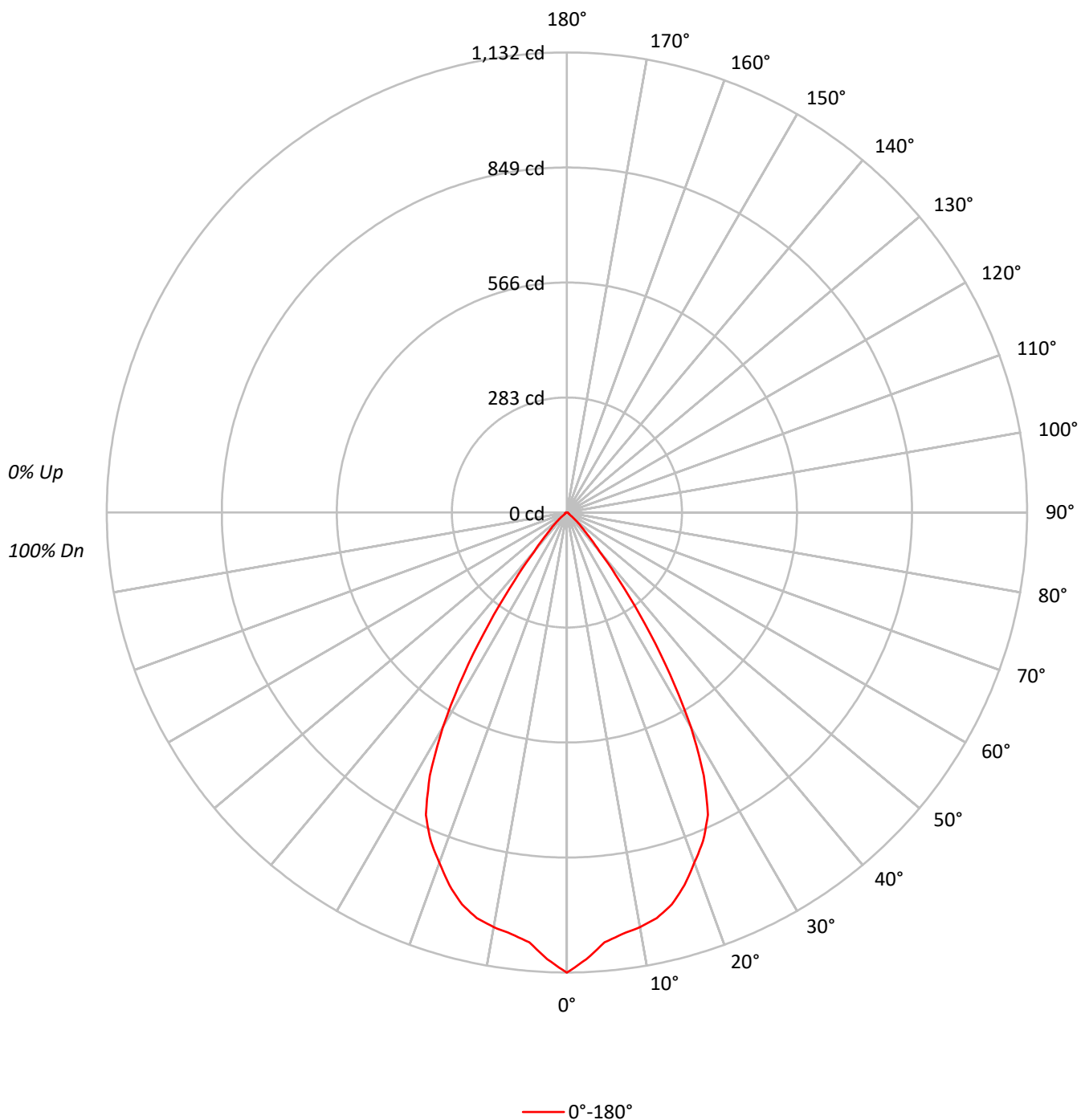
Lumens per Lamp: N/A
Luminaire Lumens: 1016.0 lumens
Efficiency: N/A
Efficacy: 53.2 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		88
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	69	64	60	68	63	60		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	61	56	53		60	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	248292
5°	233678
10°	230702
15°	226630
20°	213985
25°	198616
30°	154378
35°	89302
40°	35982
45°	16560
50°	6448
55°	2523
60°	2149
65°	2127
70°	2116
75°	2118
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16560 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.9	9.9
10°-20°	278.8	27.4
20°-30°	365.0	35.9
30°-40°	211.4	20.8
40°-50°	45.2	4.5
50°-60°	7.4	0.7
60°-70°	4.1	0.4
70°-80°	2.4	0.2
80°-90°	0.9	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°	744.7	73.3
0°-40°	956.1	94.1
0°-60°	1008.7	99.3
0°-90°	1016.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1016.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1132	
5°	1062	101
15°	998	279
25°	821	365
35°	334	211
45°	53	45
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1132.3
2.5°	1100.2
5°	1061.6
7.5°	1046.0
10°	1036.1
12.5°	1022.2
15°	998.3
17.5°	961.4
20°	917.0
22.5°	875.1
25°	820.9
27.5°	729.7
30°	609.7
32.5°	472.5
35°	333.6
37.5°	211.2
40°	125.7
42.5°	78.9
45°	53.4
47.5°	34.5
50°	18.9
52.5°	9.0
55°	6.6
57.5°	5.8
60°	4.9
62.5°	4.9
65°	4.1
67.5°	3.3
70°	3.3
72.5°	2.5
75°	2.5
77.5°	1.6
80°	1.6
82.5°	0.8
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)