

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: P1281122

Luminaire Tested: P3AS05R25B2750DE010 E3CD1MB_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281122
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R25B2750DE010 E3CD1MB_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

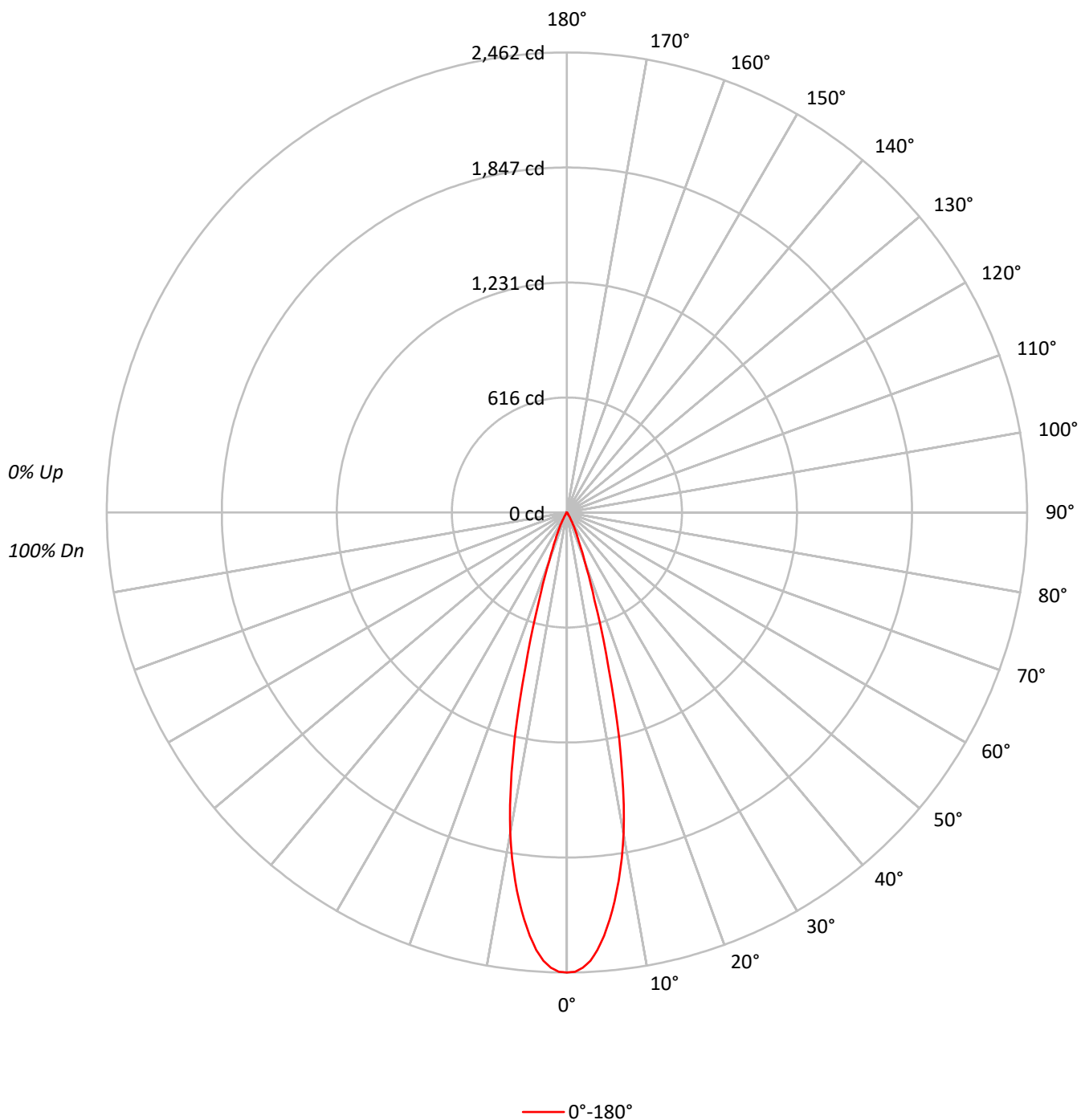
Lumens per Lamp: N/A
Luminaire Lumens: 505.0 lumens
Efficiency: N/A
Efficacy: 85.6 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1281122

CATALOG NUMBER: P3AS05R25B2750DE010 E3CD1MB_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1281122

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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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	97	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	85	85	85
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	83	83	83
8	95	89	85	83	94	89	85	82	88	84	82	87	84	82	86	83	81	81	81	81
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	82	80	79	79	79
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	77	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	539913
5°	500769
10°	388347
15°	194734
20°	63986
25°	25429
30°	9546
35°	2757
40°	1260
45°	496
50°	409
55°	306
60°	351
65°	415
70°	256
75°	339
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 505 cd/sqm

TEST NUMBER: P1281122

CATALOG NUMBER: P3AS05R25B2750DE010 E3CD1MB_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	200.1	39.6
10°-20°	238.7	47.3
20°-30°	53.8	10.7
30°-40°	8.7	1.7
40°-50°	1.6	0.3
50°-60°	0.8	0.2
60°-70°	0.7	0.1
70°-80°	0.4	0.1
80°-90°	0.1	0.0
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°	492.6	97.6
0°-40°	501.4	99.3
0°-60°	503.8	99.8
0°-90°	505.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	505.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2462	
5°	2275	200
15°	858	239
25°	105	54
35°	10	9
45°	2	2
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2462.2
1°	2458.3
2°	2438.4
3°	2401.9
4°	2346.8
5°	2275.0
6°	2189.3
7°	2096.4
8°	1990.1
9°	1873.8
10°	1744.1
11°	1594.5
12°	1422.3
13°	1242.2
14°	1049.0
15°	857.8
17.5°	488.8
20°	274.2
22.5°	165.4
25°	105.1
27.5°	64.7
30°	37.7
32.5°	19.8
35°	10.3
37.5°	6.7
40°	4.4
42.5°	2.8
45°	1.6
47.5°	1.2
50°	1.2
52.5°	1.2
55°	0.8
57.5°	0.8
60°	0.8
62.5°	0.8
65°	0.8
67.5°	0.8
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.4
80°	0.4
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)