

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: P1281283

Luminaire Tested: P3AS05R30B2750DE010 E3CD1MB_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281283
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R30B2750DE010 E3CD1MB_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

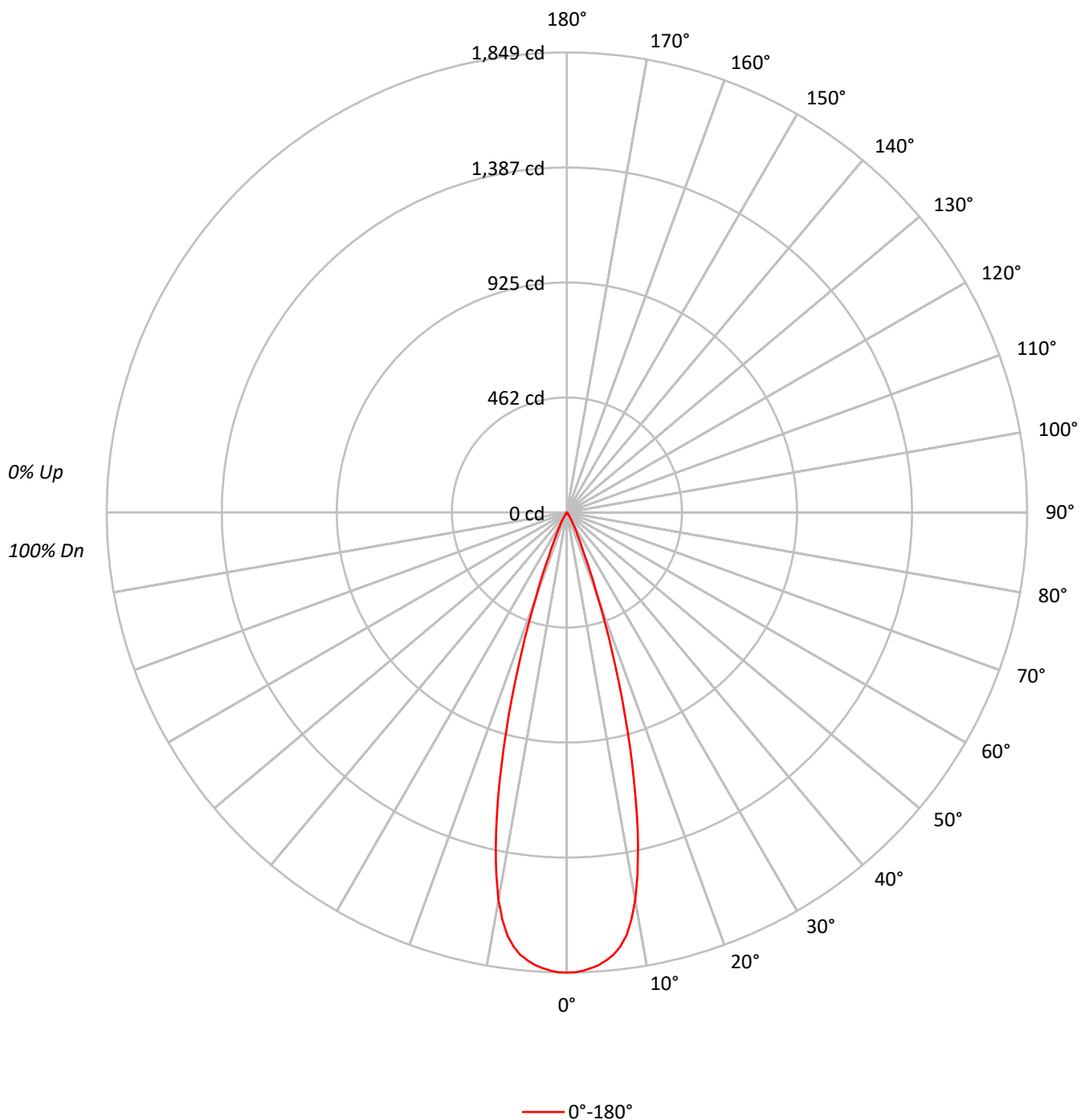
Lumens per Lamp: N/A
Luminaire Lumens: 498.0 lumens
Efficiency: N/A
Efficacy: 84.4 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1281283

CATALOG NUMBER: P3AS05R30B2750DE010 E3CD1MB_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1281283

CATALOG NUMBER: P3AS05R30B2750DE010 E3CD1MB_3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
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	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	94	93	92
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	94	92	91	90	89
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88	87	86
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	87	86	85	84
6	99	93	89	86	98	92	88	86	91	88	85	90	87	85	89	86	84	83	82	81
7	96	90	86	83	95	89	86	83	88	85	82	87	84	82	86	84	82	81	80	79
8	94	87	83	81	93	87	83	80	86	83	80	85	82	80	84	82	80	79	78	77
9	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	79	77	76	75	74
10	89	83	79	76	88	82	78	76	82	78	76	81	78	76	80	77	75	74	73	72

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	405538
5°	397886
10°	352231
15°	223157
20°	84707
25°	25090
30°	9900
35°	3025
40°	1345
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: P1281283

CATALOG NUMBER: P3AS05R30B2750DE010 E3CD1MB_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	166.2	33.4
10°-20°	259.0	52.0
20°-30°	60.1	12.1
30°-40°	9.3	1.9
40°-50°	1.6	0.3
50°-60°	0.8	0.2
60°-70°	0.6	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°	485.3	97.4
0°-40°	494.6	99.3
0°-60°	496.9	99.8
0°-90°	498.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	498.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1849	
5°	1808	166
15°	983	259
25°	104	60
35°	11	9
45°	2	2
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1281283

CATALOG NUMBER: P3AS05R30B2750DE010 E3CD1MB_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1849.4
1°	1848.2
2°	1843.2
3°	1834.5
4°	1823.6
5°	1807.6
6°	1787.6
7°	1757.9
8°	1717.2
9°	1657.3
10°	1581.9
11°	1484.5
12°	1374.5
13°	1252.5
14°	1118.3
15°	983.0
17.5°	643.1
20°	363.0
22.5°	185.4
25°	103.7
27.5°	63.8
30°	39.1
32.5°	21.1
35°	11.3
37.5°	7.4
40°	4.7
42.5°	2.7
45°	1.6
47.5°	1.2
50°	1.2
52.5°	0.8
55°	0.8
57.5°	0.8
60°	0.8
62.5°	0.8
65°	0.8
67.5°	0.4
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



TEST NUMBER: P1281283

CATALOG NUMBER: P3AS05R30B2750DE010 E3CD1MB_3000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)