

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: P1282038

Luminaire Tested: P3AS05R55B2750DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282038
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R55B2750DE010 E3DL1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

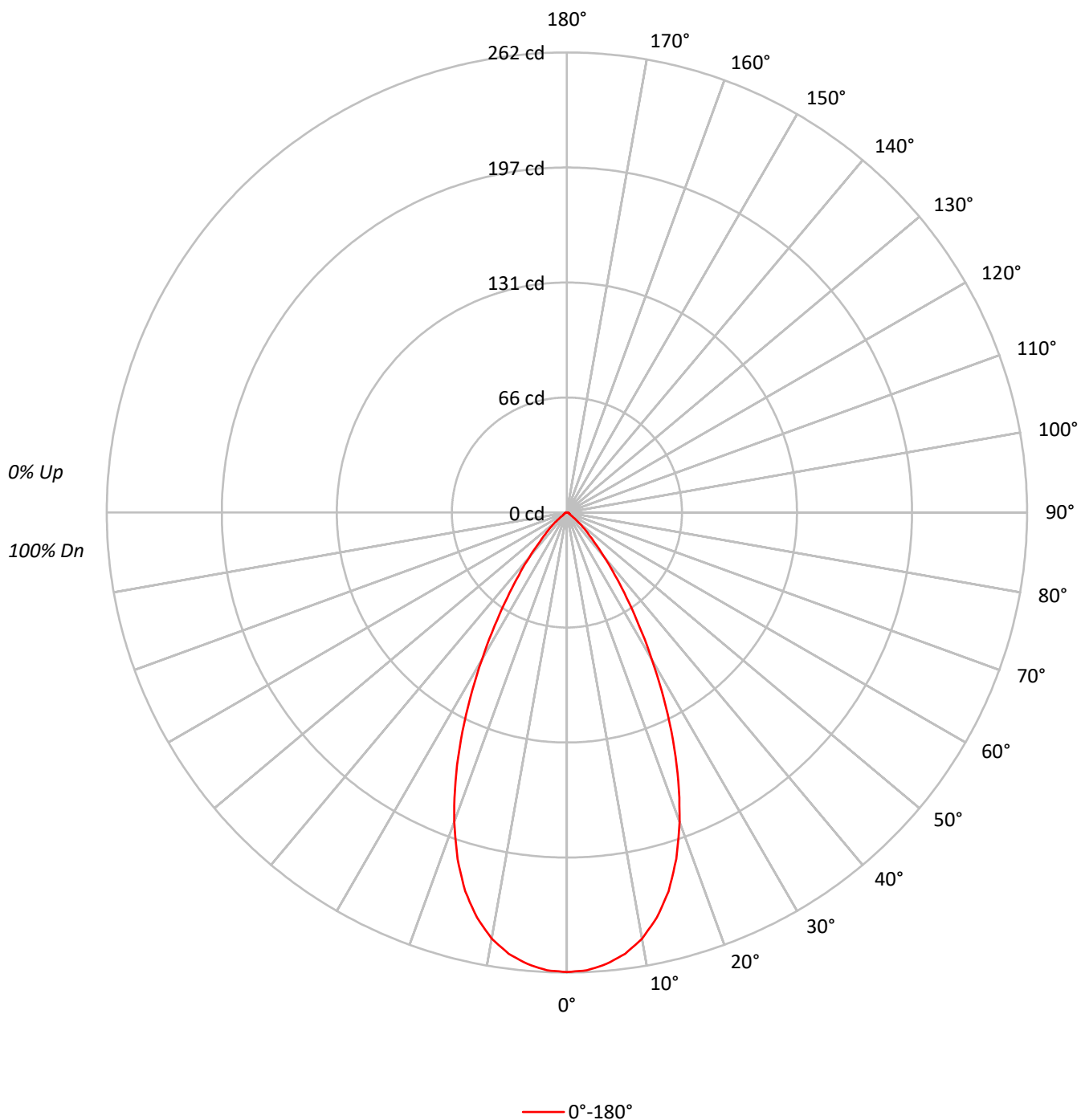
Lumens per Lamp: N/A
Luminaire Lumens: 209.1 lumens
Efficiency: N/A
Efficacy: 35.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1282038

CATALOG NUMBER: P3AS05R55B2750DE010 E3DL1GPH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1282038

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10		0			
RCR																										
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102		100			
1	113	111	108	106		111	108	106	104		104	103	101		101	99	98		97	96	95		93			
2	108	103	99	95		106	101	97	94		98	95	92		95	92	90		92	90	88		87			
3	102	96	91	87		100	94	90	86		92	88	85		89	86	83		87	85	82		81			
4	97	90	84	80		95	89	83	79		86	82	78		84	81	78		82	79	77		75			
5	92	84	78	74		91	83	78	74		81	77	73		80	75	72		78	74	72		70			
6	88	79	73	69		86	78	73	68		77	72	68		75	71	68		74	70	67		66			
7	84	74	68	64		82	74	68	64		72	67	64		71	67	63		70	66	63		62			
8	80	70	64	60		78	70	64	60		69	63	60		67	63	60		67	62	59		58			
9	76	66	61	57		75	66	60	56		65	60	56		64	59	56		63	59	56		55			
10	73	63	57	53		72	62	57	53		62	57	53		61	56	53		60	56	53		52			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	57386
5°	56813
10°	54864
15°	50715
20°	43754
25°	34550
30°	24510
35°	15821
40°	9504
45°	5365
50°	2866
55°	1032
60°	921
65°	882
70°	833
75°	847
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5365 cd/sqm

TEST NUMBER: P1282038

CATALOG NUMBER: P3AS05R55B2750DE010 E3DL1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.3	11.6
10°-20°	61.8	29.5
20°-30°	64.7	31.0
30°-40°	37.8	18.1
40°-50°	14.2	6.8
50°-60°	3.3	1.6
60°-70°	1.7	0.8
70°-80°	1.0	0.5
80°-90°	0.3	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°	150.8	72.1
0°-40°	188.6	90.2
0°-60°	206.0	98.6
0°-90°	209.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	209.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	262	
5°	258	24
15°	223	62
25°	143	65
35°	59	38
45°	17	14
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	261.7
2.5°	261.0
5°	258.1
7.5°	253.5
10°	246.4
12.5°	236.4
15°	223.4
17.5°	206.9
20°	187.5
22.5°	165.9
25°	142.8
27.5°	119.3
30°	96.8
32.5°	76.5
35°	59.1
37.5°	44.9
40°	33.2
42.5°	23.8
45°	17.3
47.5°	12.5
50°	8.4
52.5°	4.8
55°	2.7
57.5°	2.3
60°	2.1
62.5°	1.9
65°	1.7
67.5°	1.5
70°	1.3
72.5°	1.2
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)