

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: P1282070

Luminaire Tested: P3AS05R55B2750DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282070
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R55B2750DE010 E3DLD1GPH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 4000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

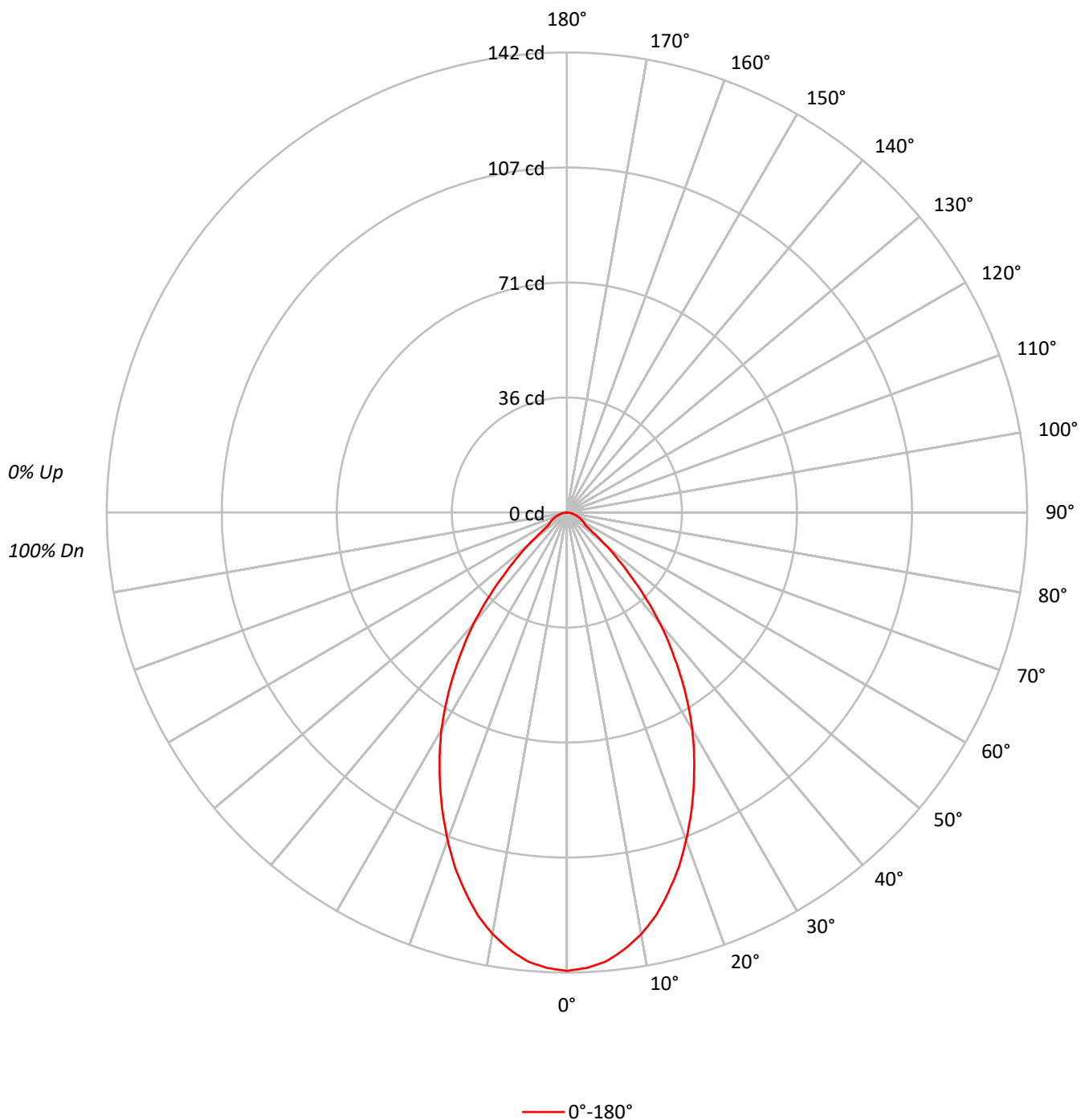
Lumens per Lamp: N/A
Luminaire Lumens: 165.0 lumens
Efficiency: N/A
Efficacy: 28.0 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1282070

CATALOG NUMBER: P3AS05R55B2750DE010 E3DLD1GPH_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1282070

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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	112	109	106	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	31028
5°	30618
10°	29414
15°	27514
20°	25109
25°	22405
30°	19598
35°	16276
40°	12824
45°	8714
50°	5322
55°	2753
60°	2544
65°	2439
70°	2244
75°	1949
80°	2020
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8714 cd/sqm

TEST NUMBER: P1282070

CATALOG NUMBER: P3AS05R55B2750DE010 E3DLD1GPH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.0	7.9
10°-20°	33.9	20.5
20°-30°	42.4	25.7
30°-40°	37.9	23.0
40°-50°	22.2	13.4
50°-60°	7.6	4.6
60°-70°	4.6	2.8
70°-80°	2.5	1.5
80°-90°	0.8	0.5
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°	89.4	54.2
0°-40°	127.2	77.1
0°-60°	157.0	95.2
0°-90°	165.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	165.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	142	
5°	139	13
15°	121	34
25°	93	42
35°	61	38
45°	28	22
55°	7	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	141.5
2.5°	140.7
5°	139.1
7.5°	136.0
10°	132.1
12.5°	127.3
15°	121.2
17.5°	114.8
20°	107.6
22.5°	100.2
25°	92.6
27.5°	85.0
30°	77.4
32.5°	69.2
35°	60.8
37.5°	52.6
40°	44.8
42.5°	36.4
45°	28.1
47.5°	21.4
50°	15.6
52.5°	10.1
55°	7.2
57.5°	6.4
60°	5.8
62.5°	5.3
65°	4.7
67.5°	4.1
70°	3.5
72.5°	2.9
75°	2.3
77.5°	1.9
80°	1.6
82.5°	1.0
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)