

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: P1285548

Luminaire Tested: P3AS13R55B2750DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285548
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R55B2750DE010 E3DLP1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

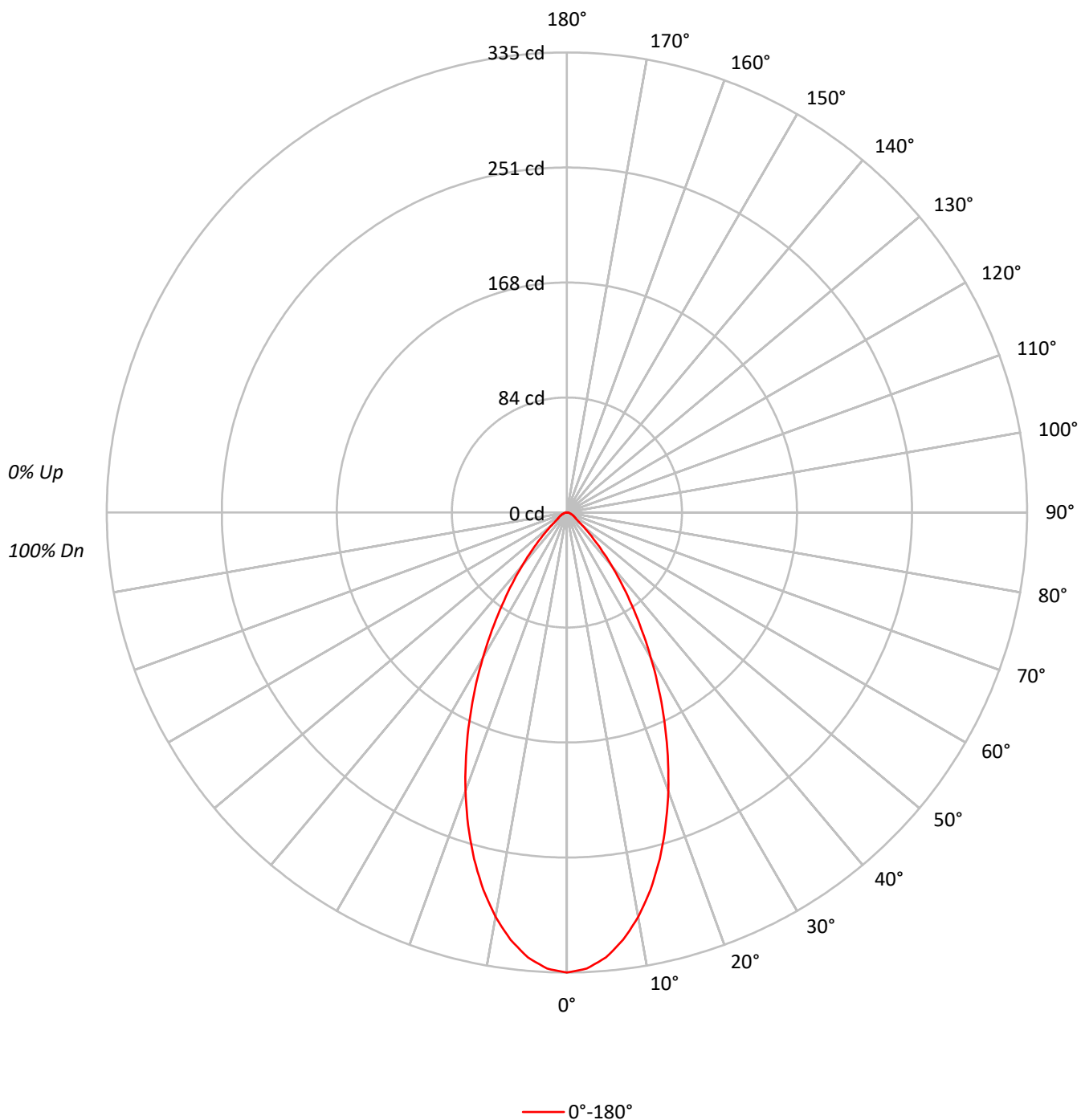
Lumens per Lamp: N/A
Luminaire Lumens: 270.0 lumens
Efficiency: N/A
Efficacy: 14.1 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1285548

CATALOG NUMBER: P3AS13R55B2750DE010 E3DLP1GPH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1285548

CATALOG NUMBER: P3AS13R55B2750DE010 E3DLP1GPH_3000K

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	0		
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92		
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85		
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79		
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73		
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63		
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59		
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55		
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52		
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	73459
5°	71604
10°	66576
15°	59274
20°	50381
25°	40648
30°	30992
35°	22031
40°	14542
45°	8621
50°	5049
55°	3135
60°	2763
65°	2491
70°	2116
75°	1864
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8621 cd/sqm

TEST NUMBER: P1285548

CATALOG NUMBER: P3AS13R55B2750DE010 E3DLP1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.2	11.2
10°-20°	72.4	26.8
20°-30°	76.7	28.4
30°-40°	51.8	19.2
40°-50°	22.7	8.4
50°-60°	8.1	3.0
60°-70°	4.8	1.8
70°-80°	2.5	0.9
80°-90°	0.8	0.3
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°	179.3	66.4
0°-40°	231.1	85.6
0°-60°	261.9	97.0
0°-90°	270.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	270.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	335	
5°	325	30
15°	261	72
25°	168	77
35°	82	52
45°	28	23
55°	8	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

TEST NUMBER: P1285548

CATALOG NUMBER: P3AS13R55B2750DE010 E3DLP1GPH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	335.0
2.5°	332.4
5°	325.3
7.5°	313.8
10°	299.0
12.5°	281.2
15°	261.1
17.5°	238.9
20°	215.9
22.5°	191.8
25°	168.0
27.5°	144.7
30°	122.4
32.5°	101.3
35°	82.3
37.5°	65.3
40°	50.8
42.5°	38.2
45°	27.8
47.5°	20.4
50°	14.8
52.5°	10.4
55°	8.2
57.5°	7.4
60°	6.3
62.5°	5.6
65°	4.8
67.5°	4.1
70°	3.3
72.5°	3.0
75°	2.2
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)