

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: P1284710

Luminaire Tested: P3AS13R25B2750DE010 E3PHLD1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284710
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R25B2750DE010 E3PHLD1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 80CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

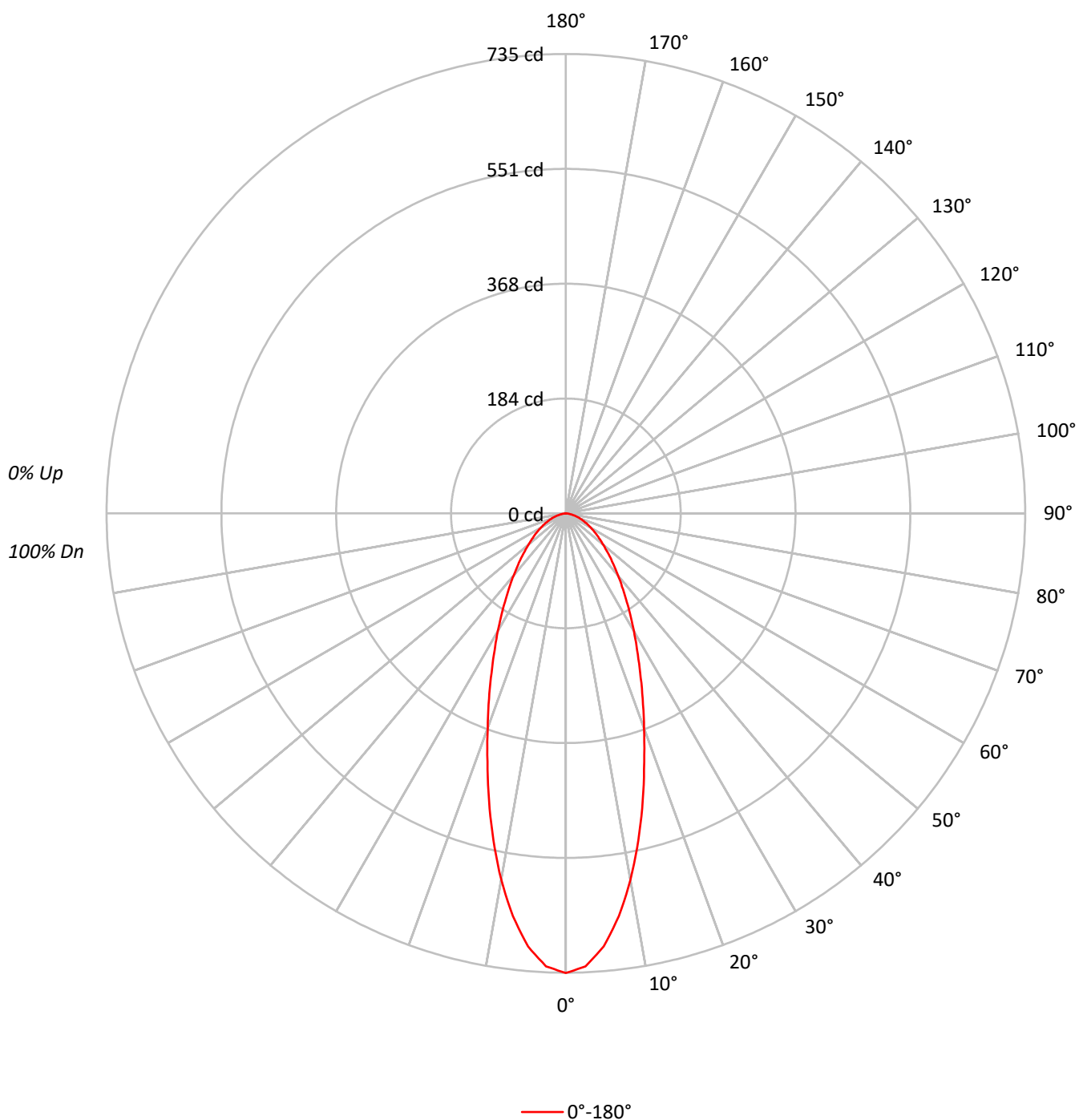
Lumens per Lamp: N/A
Luminaire Lumens: 618.0 lumens
Efficiency: N/A
Efficacy: 32.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1284710

CATALOG NUMBER: P3AS13R25B2750DE010 E3PHLD1MW_4000K

Luminous Intensity Polar Plot





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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	0		
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90		
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72		
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65		
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59		
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55		
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50		
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47		
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	161259
5°	153070
10°	132574
15°	107923
20°	85291
25°	67988
30°	55122
35°	44892
40°	37213
45°	31352
50°	26541
55°	23359
60°	20481
65°	17849
70°	15644
75°	13217
80°	9850
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31352 cd/sqm

TEST NUMBER: P1284710

CATALOG NUMBER: P3AS13R25B2750DE010 E3PHLD1MW_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.1	10.2
10°-20°	131.8	21.3
20°-30°	129.9	21.0
30°-40°	105.8	17.1
40°-50°	78.5	12.7
50°-60°	54.8	8.9
60°-70°	34.3	5.6
70°-80°	16.5	2.7
80°-90°	3.2	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°	324.9	52.6
0°-40°	430.7	69.7
0°-60°	564.0	91.3
0°-90°	618.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	618.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	735	
5°	695	63
15°	475	132
25°	281	130
35°	168	106
45°	101	79
55°	61	55
65°	34	34
75°	16	17
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	735.4
2.5°	725.4
5°	695.4
7.5°	649.8
10°	595.4
12.5°	535.4
15°	475.4
17.5°	416.6
20°	365.5
22.5°	321.0
25°	281.0
27.5°	246.6
30°	217.7
32.5°	191.1
35°	167.7
37.5°	147.7
40°	130.0
42.5°	114.4
45°	101.1
47.5°	88.9
50°	77.8
52.5°	68.9
55°	61.1
57.5°	53.3
60°	46.7
62.5°	40.0
65°	34.4
67.5°	28.9
70°	24.4
72.5°	20.0
75°	15.6
77.5°	11.1
80°	7.8
82.5°	4.4
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)