

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: P1284715

Luminaire Tested: P3AS13R25B2750DE010 E3PHLP1MW\_4000K

Issue Date: 1/29/2026

**Test Information**

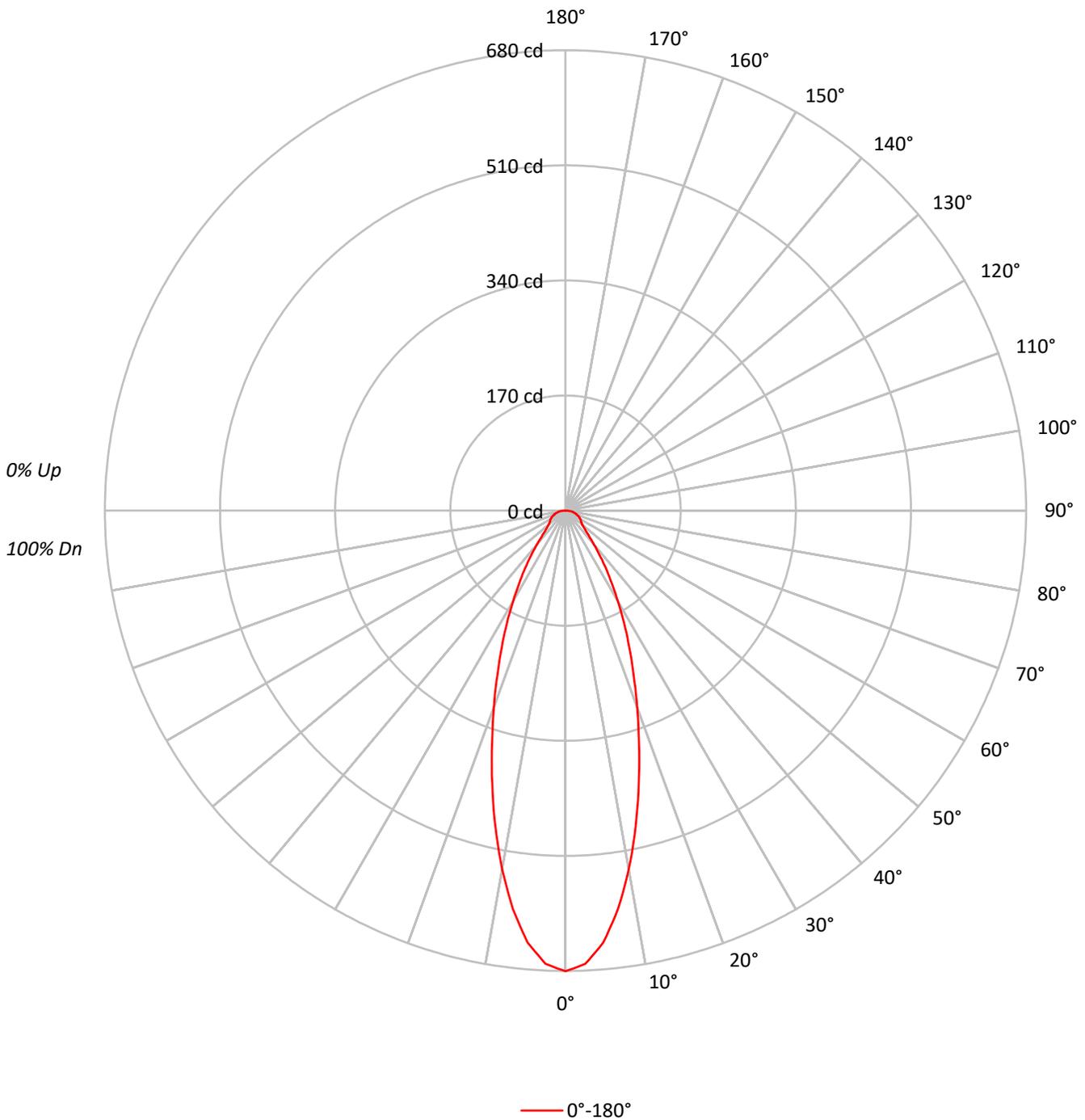
Test Method: LM-79-2019  
Report Number: P1284715  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R25B2750DE010 E3PHLP1MW\_4000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 80CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 444.0 lumens  
Efficiency: N/A  
Efficacy: 23.2 lumens/watt  
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65  
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: P1284715  
CATALOG NUMBER: P3AS13R25B2750DE010 E3PHLP1MW\_4000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1284715

CATALOG NUMBER: P3AS13R25B2750DE010 E3PHLP1MW\_4000K

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81				81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68				68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63				63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46				46

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	149177
5°	140942
10°	119793
15°	94893
20°	72106
25°	53785
30°	39120
35°	27679
40°	18778
45°	13087
50°	10985
55°	10628
60°	11227
65°	11519
70°	11412
75°	12285
80°	14017
85°	14089

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 14952 cd/sqm



TEST NUMBER: P1284715

CATALOG NUMBER: P3AS13R25B2750DE010 E3PHLP1MW\_4000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	57.8	13.0
10°-20°	115.7	26.1
20°-30°	102.4	23.1
30°-40°	65.3	14.7
40°-50°	34.5	7.8
50°-60°	25.4	5.7
60°-70°	21.6	4.9
70°-80°	15.3	3.4
80°-90°	6.1	1.4
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°	275.9	62.1
0°-40°	341.2	76.8
0°-60°	401.1	90.3
0°-90°	444.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	444.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	680	
5°	640	58
15°	418	116
25°	222	102
35°	103	65
45°	42	35
55°	28	25
65°	22	22
75°	14	15
85°	6	6
90°	0	



TEST NUMBER: P1284715

CATALOG NUMBER: P3AS13R25B2750DE010 E3PHLP1MW\_4000K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	680.3
2.5°	670.3
5°	640.3
7.5°	593.6
10°	538.0
12.5°	478.0
15°	418.0
17.5°	360.2
20°	309.0
22.5°	262.4
25°	222.3
27.5°	186.8
30°	154.5
32.5°	126.7
35°	103.4
37.5°	82.3
40°	65.6
42.5°	52.2
45°	42.2
47.5°	36.7
50°	32.2
52.5°	30.0
55°	27.8
57.5°	26.7
60°	25.6
62.5°	23.3
65°	22.2
67.5°	20.0
70°	17.8
72.5°	16.7
75°	14.5
77.5°	12.2
80°	11.1
82.5°	8.9
85°	5.6
87.5°	2.2
90°	0.0

(END OF REPORT)