

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: P1283280

Luminaire Tested: P3AS09R35B2750DE010 E3PH1MW\_4000K

Issue Date: 1/29/2026

**Test Information**

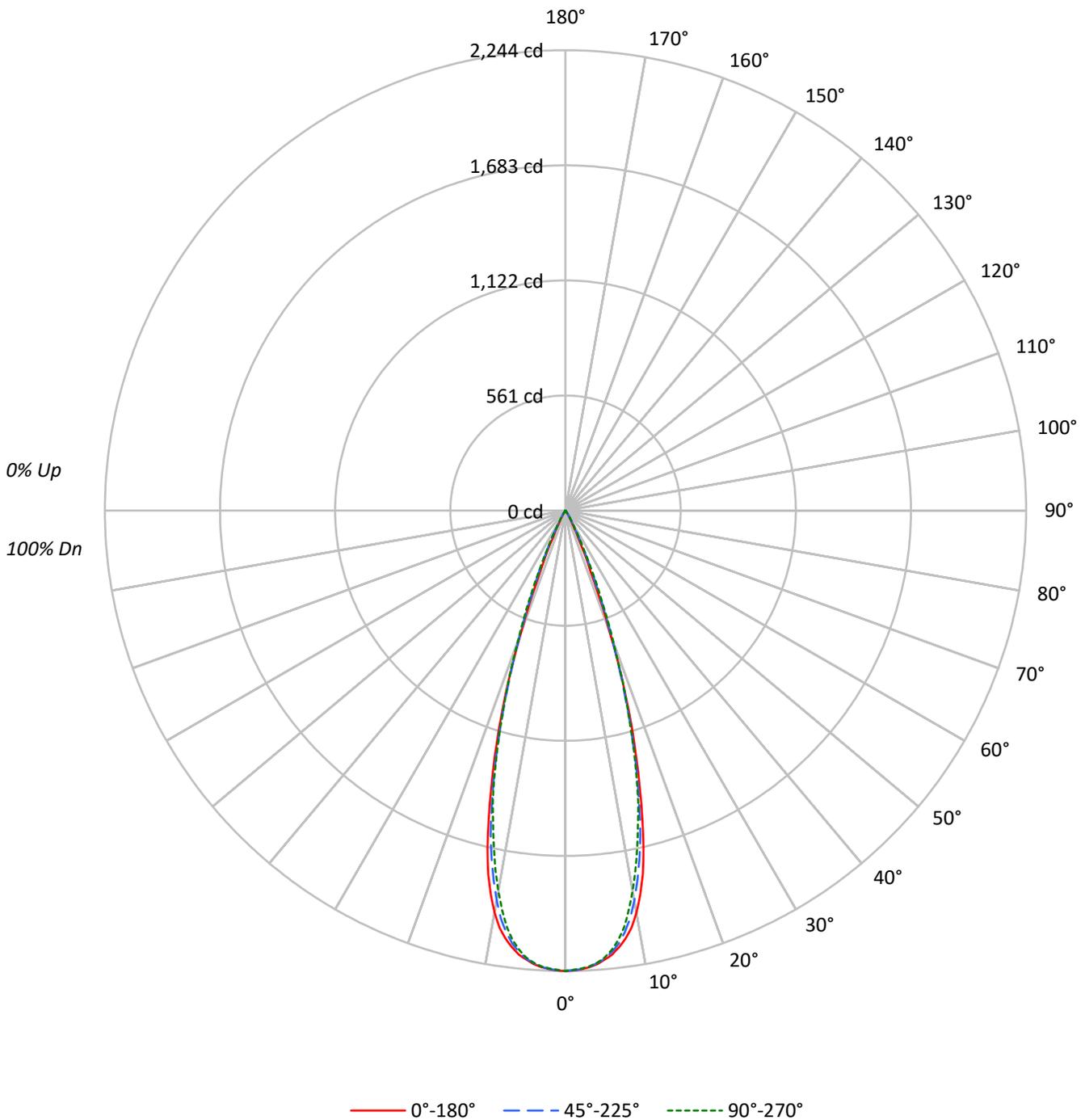
Test Method: LM-79-2019  
Report Number: P1283280  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R35B2750DE010 E3PH1MW\_4000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 80CRI , E3PH1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 681.0 lumens  
Efficiency: N/A  
Efficacy: 52.0 lumens/watt  
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 13.1  
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

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### 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	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	100	100	
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	97	97	97	
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	95	95	95	95	
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	93	93	92	92	
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	93	90	89	87	
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	90	88	86	85	
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	88	85	83	82	
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	85	83	81	80	
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	83	80	78	77	
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	81	78	76	75	
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	79	76	74	73	

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

	0°	45°	90°
0°	492000	492000	492000
5°	483534	482499	481465
10°	443167	429829	419387
15°	317323	307198	303475
20°	147153	152217	157560
25°	34913	49672	51801
30°	10255	11723	13217
35°	2356	3774	3453
40°	515	1002	658
45°	186	186	186
50°	205	0	205
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 52.5°  
 Luminance: 216 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	201.4	29.6
10°-20°	360.1	52.9
20°-30°	108.3	15.9
30°-40°	10.4	1.5
40°-50°	0.7	0.1
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	669.9	98.4
0°-40°	680.2	99.9
0°-60°	681.0	100.0
0°-90°	681.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	681.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2244	2244	2244	2244	2244	
5°	2197	2196	2192	2189	2187	204
15°	1398	1387	1353	1347	1337	369
25°	144	159	205	214	214	93
35°	9	12	14	15	13	8
45°	1	1	1	1	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2243.7	2243.7	2243.7	2243.7	2243.7
1°	2242.5	2242.5	2241.3	2241.3	2239.0
2°	2237.2	2237.8	2235.4	2234.9	2233.1
3°	2229.0	2227.2	2227.2	2226.1	2224.9
4°	2216.1	2212.6	2211.4	2212.0	2209.6
5°	2196.7	2196.1	2192.0	2189.1	2187.3
6°	2175.6	2171.5	2162.7	2155.1	2153.3
7°	2143.9	2135.1	2127.5	2111.7	2109.3
8°	2105.2	2091.1	2074.7	2052.4	2051.3
9°	2057.7	2034.8	2012.0	1982.0	1971.5
10°	1990.3	1969.1	1930.4	1904.0	1883.5
11°	1906.4	1880.0	1834.8	1803.1	1786.1
12°	1811.4	1786.7	1733.9	1705.2	1681.1
13°	1689.3	1668.8	1619.5	1587.9	1569.1
14°	1548.0	1532.7	1485.8	1471.7	1465.3
15°	1397.8	1387.3	1353.2	1347.4	1336.8
17.5°	1028.9	1011.3	991.9	995.4	998.9
20°	630.6	655.2	652.3	665.2	675.2
22.5°	314.4	346.1	383.0	405.3	416.5
25°	144.3	159.0	205.3	214.1	214.1
27.5°	72.7	76.3	96.8	98.5	103.2
30°	40.5	43.4	46.3	51.6	52.2
32.5°	20.5	24.0	25.2	28.2	27.0
35°	8.8	11.7	14.1	15.3	12.9
37.5°	4.1	5.3	7.6	7.0	5.3
40°	1.8	2.3	3.5	2.9	2.3
42.5°	1.2	1.2	1.8	1.2	1.2
45°	0.6	0.6	0.6	0.6	0.6
47.5°	0.6	0.6	0.0	0.6	0.6
50°	0.6	0.0	0.0	0.0	0.6
52.5°	0.6	0.0	0.0	0.0	0.6
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)