

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: P1281677

Luminaire Tested: P3AS05R40B2750DE010 E3DLD1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281677
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R40B2750DE010 E3DLD1WMH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

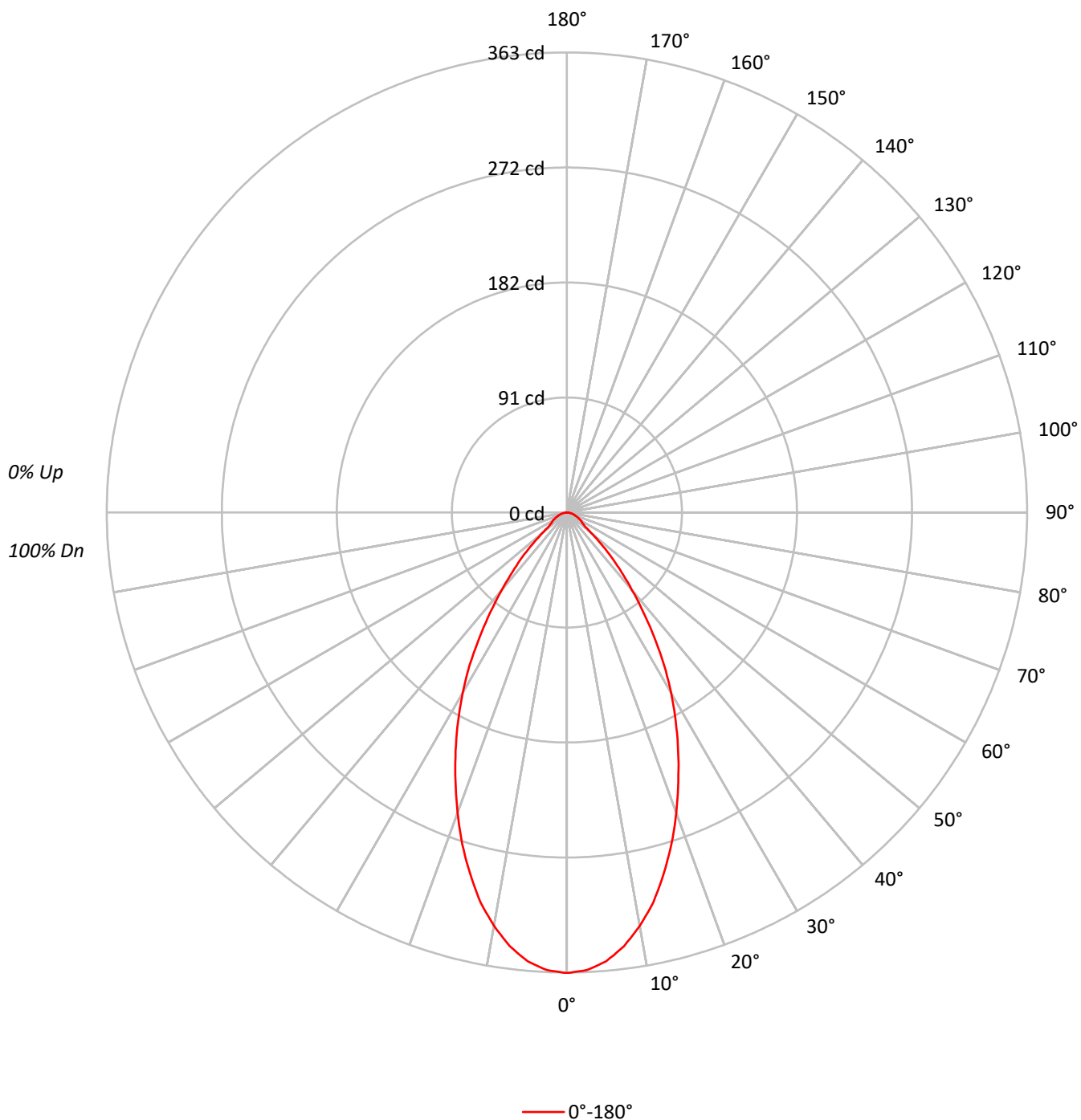
Lumens per Lamp: N/A
Luminaire Lumens: 355.0 lumens
Efficiency: N/A
Efficacy: 60.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	0			
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	79687
5°	78252
10°	73746
15°	66992
20°	58852
25°	50253
30°	41627
35°	32096
40°	22843
45°	15381
50°	8392
55°	5926
60°	5570
65°	5137
70°	4552
75°	4406
80°	3536
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Luminance: 15381 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.1	9.3
10°-20°	82.2	23.2
20°-30°	95.0	26.8
30°-40°	74.9	21.1
40°-50°	38.4	10.8
50°-60°	14.7	4.1
60°-70°	9.7	2.7
70°-80°	5.3	1.5
80°-90°	1.6	0.4
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°	210.4	59.3
0°-40°	285.3	80.4
0°-60°	338.4	95.3
0°-90°	355.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	355.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	363	
5°	356	33
15°	295	82
25°	208	95
35°	120	75
45°	50	38
55°	16	15
65°	10	10
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	363.4
2.5°	361.4
5°	355.5
7.5°	345.1
10°	331.2
12.5°	315.0
15°	295.1
17.5°	274.4
20°	252.2
22.5°	229.6
25°	207.7
27.5°	185.9
30°	164.4
32.5°	142.6
35°	119.9
37.5°	98.9
40°	79.8
42.5°	63.5
45°	49.6
47.5°	36.1
50°	24.6
52.5°	17.9
55°	15.5
57.5°	13.9
60°	12.7
62.5°	11.1
65°	9.9
67.5°	8.3
70°	7.1
72.5°	6.0
75°	5.2
77.5°	4.0
80°	2.8
82.5°	2.4
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)