

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: P1283460

Luminaire Tested: P3AS09R45B2750DE010 E3CD1MMS_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283460
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-28)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R45B2750DE010 E3CD1MMS_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 4000K CCT AND, 80CRI , E3CD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

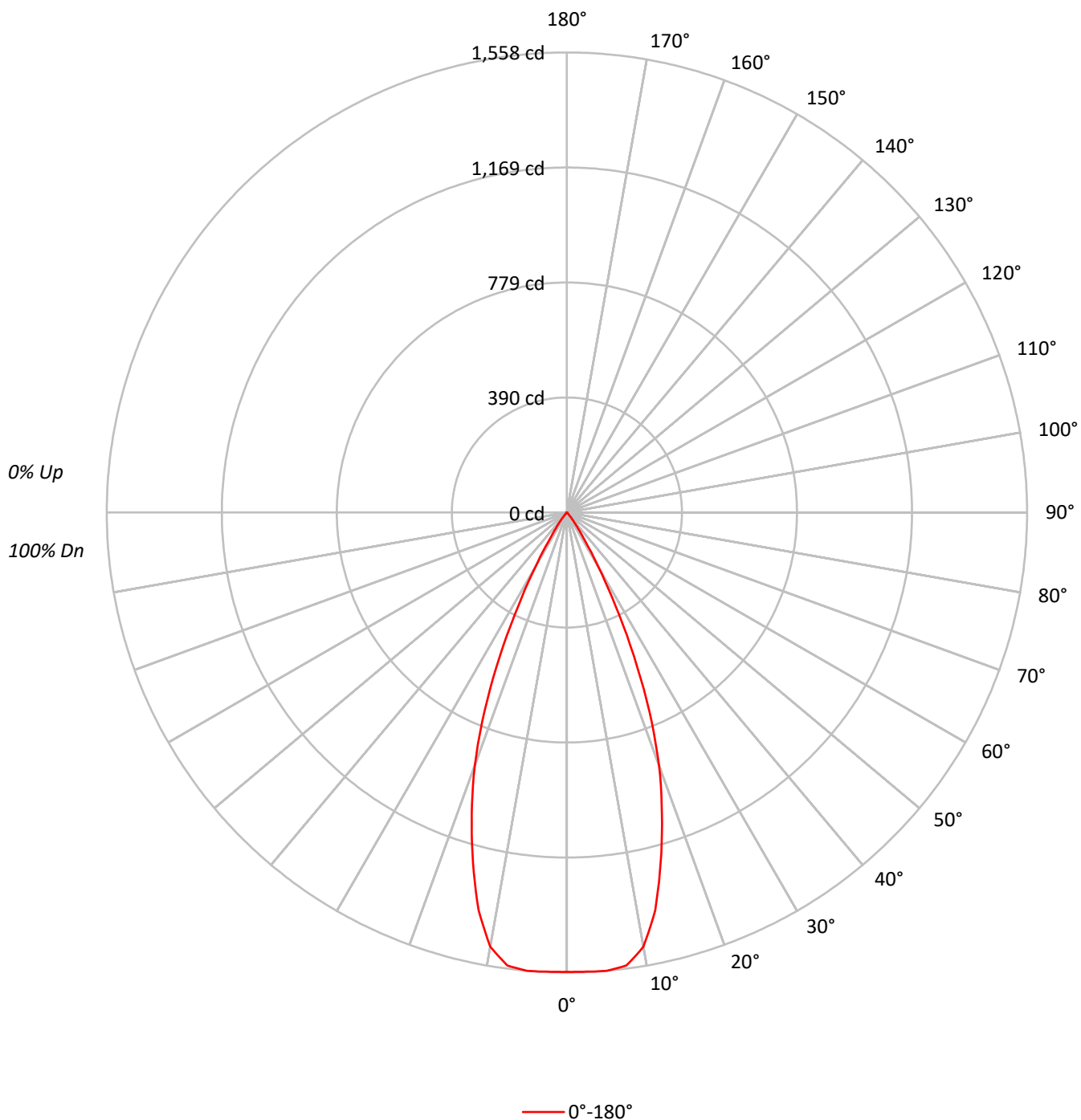
Lumens per Lamp: N/A
Luminaire Lumens: 787.0 lumens
Efficiency: N/A
Efficacy: 60.1 lumens/watt
Spacing Criteria (0/90/45): 0.72 / 0.72 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97		95
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95	94	92		91
3	106	100	96	93	104	99	95	92	96	93	91		94	91	89		92	90	88		86
4	102	95	91	87	100	94	90	87	92	89	86		90	87	85		88	86	84		82
5	98	91	86	82	96	90	85	82	88	84	81		87	83	81		85	82	80		79
6	94	87	82	78	93	86	81	78	85	80	77		83	80	77		82	79	76		75
7	90	83	78	74	89	82	78	74	81	77	74		80	76	74		79	76	73		72
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76	73	70		69
9	84	76	71	68	83	76	71	68	75	71	68		74	70	67		73	70	67		66
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71	67	65		64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	341201
5°	343032
10°	332481
15°	278617
20°	212982
25°	129661
30°	53958
35°	17293
40°	5382
45°	1085
50°	785
55°	879
60°	789
65°	934
70°	769
75°	1017
80°	758
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1085 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.0	18.7
10°-20°	337.3	42.9
20°-30°	242.9	30.9
30°-40°	50.5	6.4
40°-50°	4.6	0.6
50°-60°	1.9	0.2
60°-70°	1.6	0.2
70°-80°	1.0	0.1
80°-90°	0.2	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°	727.2	92.4
0°-40°	777.7	98.8
0°-60°	784.2	99.6
0°-90°	787.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	787.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1556	
5°	1558	147
15°	1227	337
25°	536	243
35°	65	51
45°	4	5
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1556.0
2.5°	1556.6
5°	1558.4
7.5°	1547.2
10°	1493.2
12.5°	1380.5
15°	1227.3
17.5°	1070.6
20°	912.7
22.5°	731.4
25°	535.9
27.5°	353.3
30°	213.1
32.5°	119.2
35°	64.6
37.5°	36.4
40°	18.8
42.5°	8.2
45°	3.5
47.5°	2.3
50°	2.3
52.5°	2.3
55°	2.3
57.5°	1.8
60°	1.8
62.5°	1.8
65°	1.8
67.5°	1.2
70°	1.2
72.5°	1.2
75°	1.2
77.5°	0.6
80°	0.6
82.5°	0.6
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)