

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: P1304977

Luminaire Tested: P3RT09R25B2750DE010 E3CBUS1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304977
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-87)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT09R25B2750DE010 E3CBUS1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

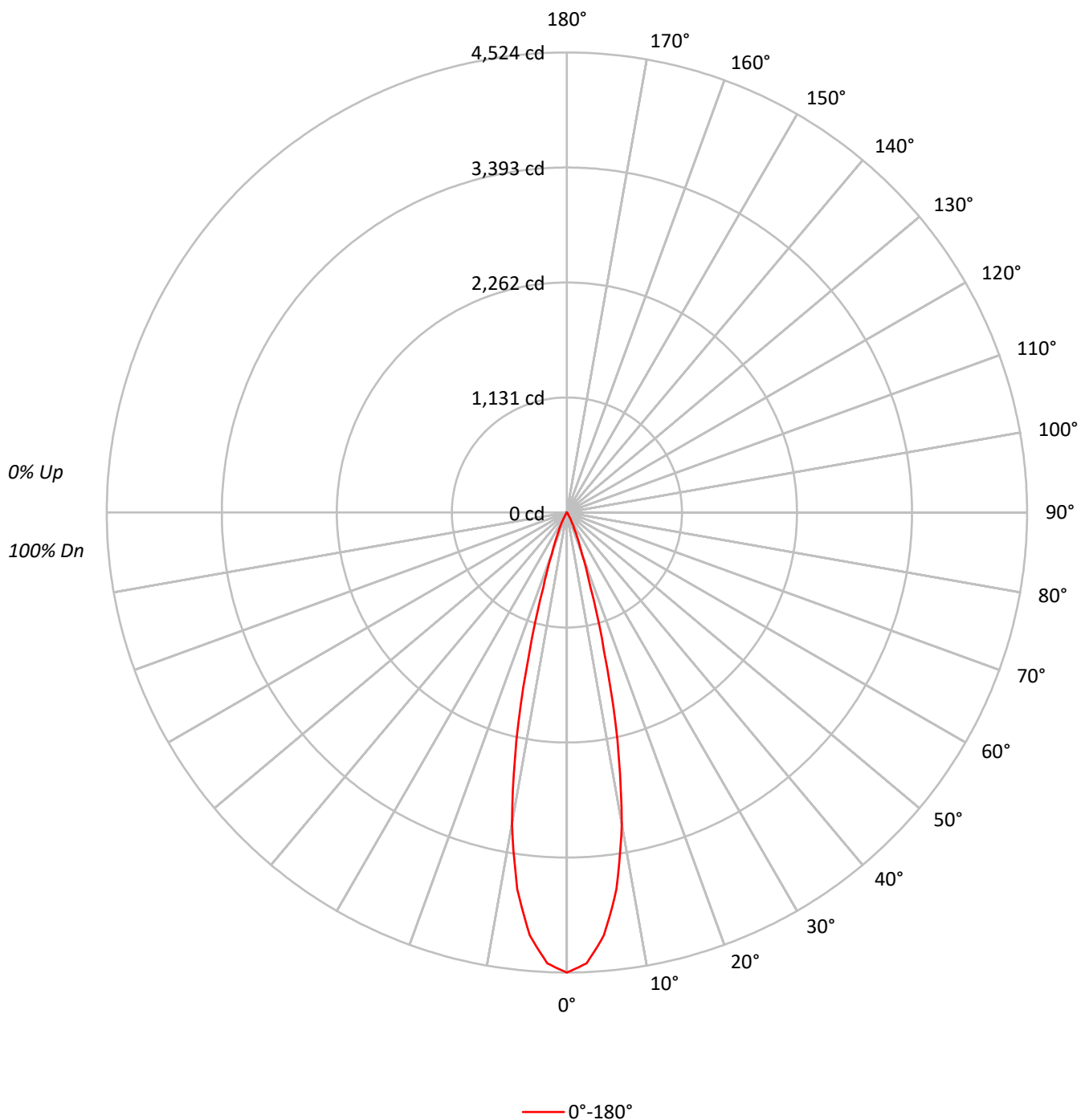
Lumens per Lamp: N/A
Luminaire Lumens: 860.0 lumens
Efficiency: N/A
Efficacy: 65.7 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.39
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		0			
RCR																										
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102		100			
1	115	113	112	110		113	111	110	108		107	106	105		104	103	102		100	100	99		97			
2	112	109	106	104		110	107	105	103		104	102	100		101	100	98		99	97	96		95			
3	109	105	101	99		107	103	100	98		101	99	97		99	97	95		97	95	94		92			
4	106	101	98	95		105	100	97	94		98	95	93		96	94	92		95	93	91		90			
5	103	98	94	92		102	97	94	91		96	93	90		94	92	90		93	91	89		88			
6	101	95	91	89		100	95	91	88		93	90	88		92	89	87		91	89	87		86			
7	98	93	89	86		97	92	89	86		91	88	86		90	87	85		89	87	85		84			
8	96	90	87	84		95	90	86	84		89	86	84		88	85	83		87	85	83		82			
9	94	88	84	82		93	88	84	82		87	84	82		86	83	81		86	83	81		80			
10	92	86	83	80		91	86	82	80		85	82	80		84	82	80		84	81	80		79			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	992092
5°	918994
10°	691993
15°	321591
20°	101205
25°	39147
30°	11369
35°	3641
40°	1174
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 0 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	364.7	42.4
10°-20°	402.0	46.7
20°-30°	82.6	9.6
30°-40°	10.1	1.2
40°-50°	0.6	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°	849.4	98.8
0°-40°	859.4	99.9
0°-60°	860.0	100.0
0°-90°	860.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	860.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4524	
5°	4175	365
15°	1417	402
25°	162	83
35°	14	10
45°	0	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4524.3
2.5°	4437.3
5°	4175.0
7.5°	3735.8
10°	3107.8
12.5°	2289.4
15°	1416.6
17.5°	770.8
20°	433.7
22.5°	265.1
25°	161.8
27.5°	91.1
30°	44.9
32.5°	20.4
35°	13.6
37.5°	8.2
40°	4.1
42.5°	1.4
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)