

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: P1305036

Luminaire Tested: P3RT13R25B2750DE010 E3CBUS1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305036
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: P3RT13R25B2750DE010 E3CBUS1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 80CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

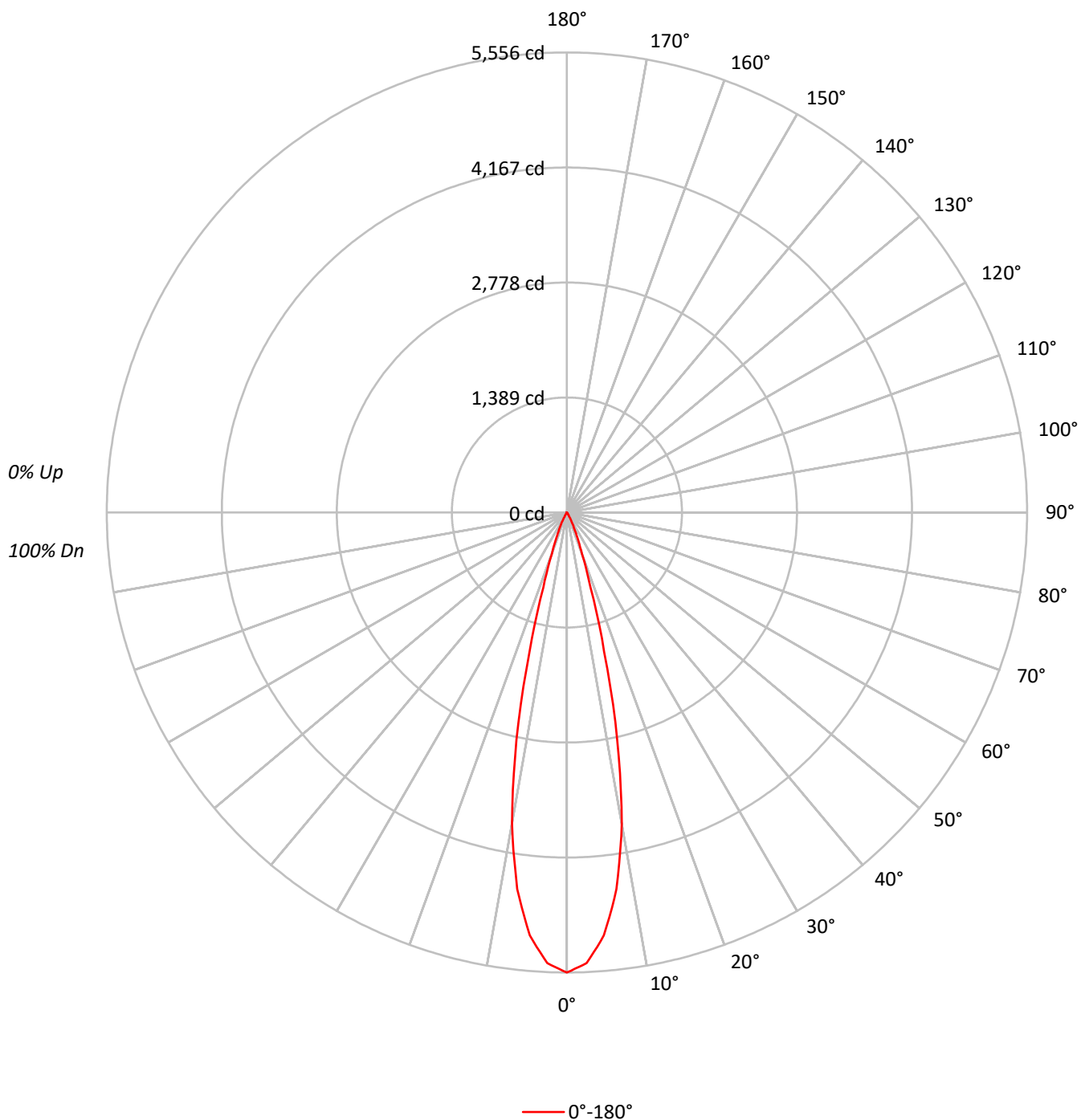
Lumens per Lamp: N/A
Luminaire Lumens: 1056.0 lumens
Efficiency: N/A
Efficacy: 55.3 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.39
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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°	1218214
5°	1128436
10°	849684
15°	394872
20°	124261
25°	48051
30°	13952
35°	4470
40°	1431
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°	447.9	42.4
10°-20°	493.6	46.7
20°-30°	101.4	9.6
30°-40°	12.3	1.2
40°-50°	0.8	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°	1042.9	98.8
0°-40°	1055.2	99.9
0°-60°	1056.0	100.0
0°-90°	1056.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1056.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5556	
5°	5126	448
15°	1739	494
25°	199	101
35°	17	12
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°	5555.5
2.5°	5448.6
5°	5126.5
7.5°	4587.3
10°	3816.0
12.5°	2811.1
15°	1739.4
17.5°	946.5
20°	532.5
22.5°	325.5
25°	198.6
27.5°	111.8
30°	55.1
32.5°	25.0
35°	16.7
37.5°	10.0
40°	5.0
42.5°	1.7
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)