

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: P1304946

Luminaire Tested: P3RT05R55B2750DE010 E3CBUS1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304946
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-92)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT05R55B2750DE010 E3CBUS1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 4000K CCT AND, 80CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

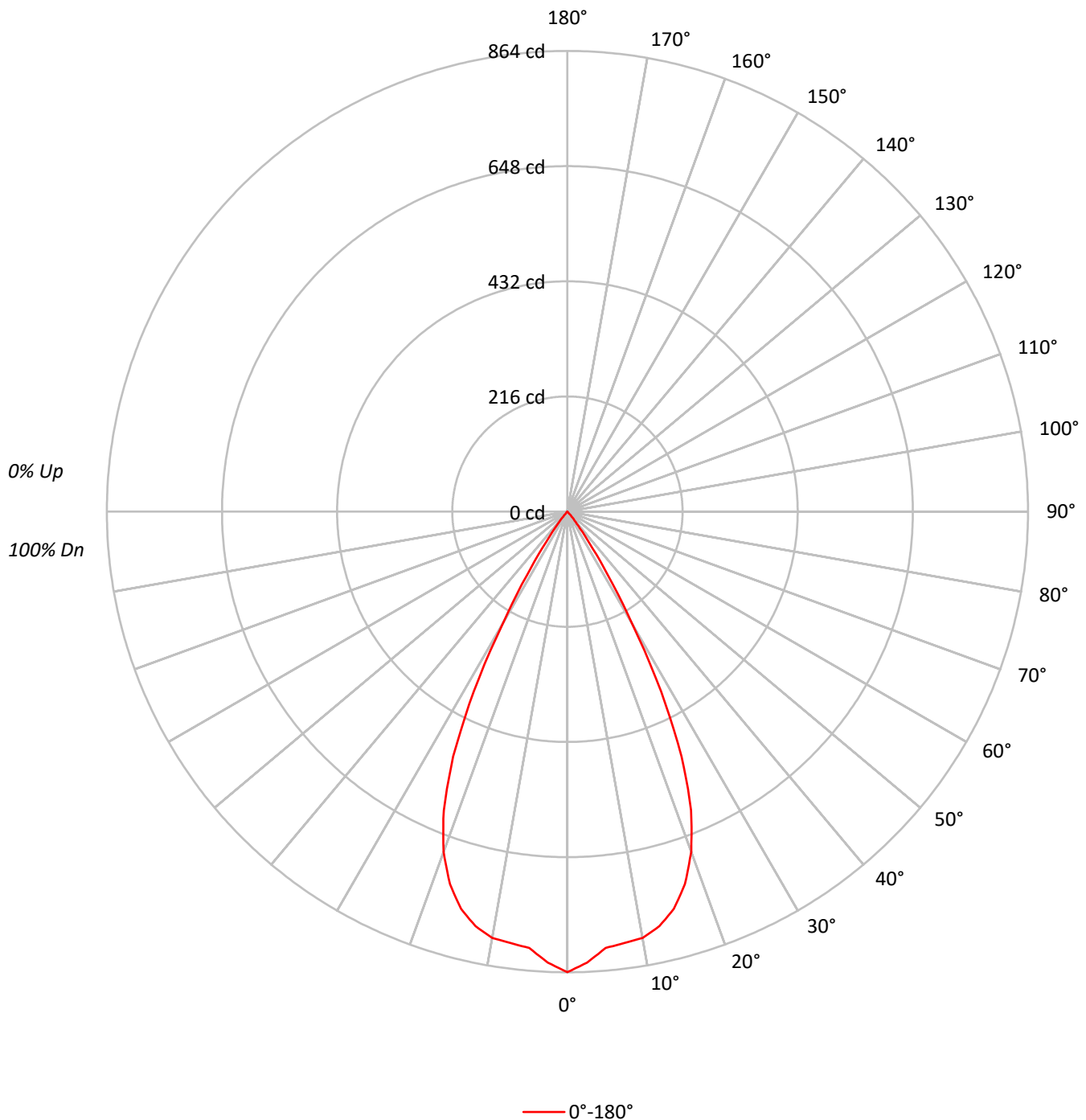
Lumens per Lamp: N/A
Luminaire Lumens: 570.0 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108		112	110	108	106		106	104	103		102	101	100		98	98	97		95			
2	109	105	102	99		107	103	100	97		100	98	95		97	95	93		95	93	91		90			
3	105	99	95	91		103	98	94	91		95	92	89		93	90	88		91	88	87		85			
4	100	94	89	85		99	93	88	85		91	87	84		89	86	83		87	84	82		81			
5	96	89	84	80		95	88	83	80		86	82	79		85	81	78		83	80	78		76			
6	92	84	79	76		91	84	79	75		82	78	75		81	77	74		80	76	74		73			
7	88	80	75	71		87	80	75	71		78	74	71		77	73	70		76	73	70		69			
8	85	76	71	68		84	76	71	67		75	70	67		74	70	67		73	69	67		65			
9	81	73	68	64		80	72	67	64		72	67	64		71	67	64		70	66	64		62			
10	78	70	64	61		77	69	64	61		68	64	61		68	64	61		67	63	61		59			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	189393
5°	180783
10°	180758
15°	175097
20°	158400
25°	122668
30°	61452
35°	18498
40°	3950
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°	78.4	13.8
10°-20°	213.9	37.5
20°-30°	220.2	38.6
30°-40°	55.5	9.7
40°-50°	1.9	0.3
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°	512.6	89.9
0°-40°	568.1	99.7
0°-60°	570.0	100.0
0°-90°	570.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	570.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	864	
5°	821	78
15°	771	214
25°	507	220
35°	69	56
45°	0	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	863.7
2.5°	846.4
5°	821.3
7.5°	816.2
10°	811.8
12.5°	796.3
15°	771.3
17.5°	732.4
20°	678.8
22.5°	606.3
25°	507.0
27.5°	380.9
30°	242.7
32.5°	140.8
35°	69.1
37.5°	32.8
40°	13.8
42.5°	3.5
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)