

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: P1285135

Luminaire Tested: P3AS13R40B2750DE010 E3DLP1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285135
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R40B2750DE010 E3DLP1GPH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 4000K CCT AND, 80CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

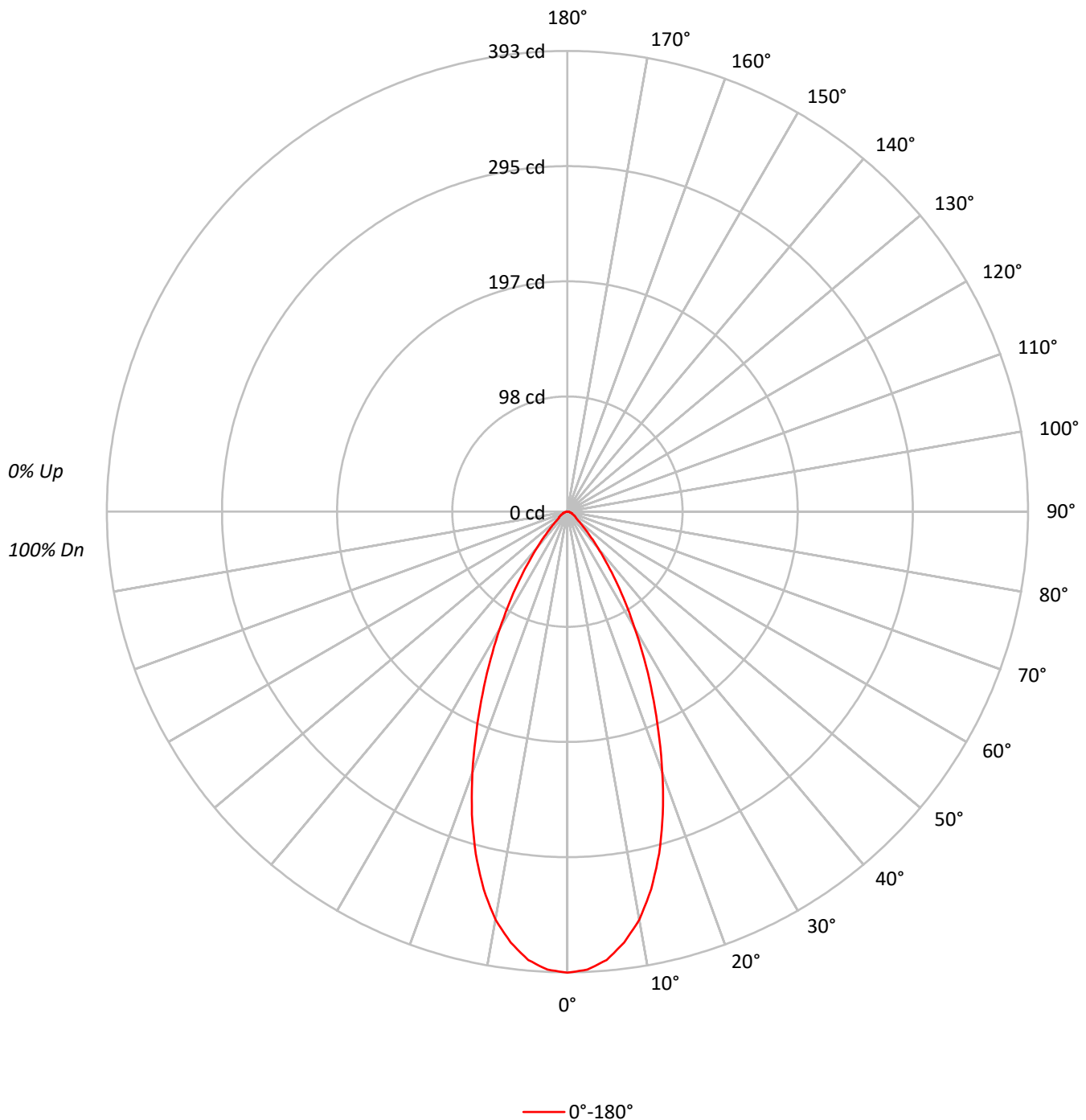
Lumens per Lamp: N/A
Luminaire Lumens: 277.0 lumens
Efficiency: N/A
Efficacy: 14.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97	96	95		93
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92	89	88		86
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86	84	81		80
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82	79	76		74
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77	74	71		69
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73	69	66		65
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70	66	62		61
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66	62	59		58
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63	59	56		54
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60	56	53		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	86243
5°	84503
10°	78689
15°	68582
20°	55258
25°	41422
30°	29118
35°	19086
40°	11565
45°	6915
50°	4128
55°	3326
60°	2982
65°	2542
70°	2436
75°	1949
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6915 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.7	12.9
10°-20°	83.2	30.0
20°-30°	78.4	28.3
30°-40°	45.3	16.4
40°-50°	18.1	6.5
50°-60°	8.0	2.9
60°-70°	4.9	1.8
70°-80°	2.6	0.9
80°-90°	0.8	0.3
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°	197.3	71.2
0°-40°	242.6	87.6
0°-60°	268.7	97.0
0°-90°	277.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	277.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	393	
5°	384	36
15°	302	83
25°	171	78
35°	71	45
45°	22	18
55°	9	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	393.3
2.5°	391.1
5°	383.9
7.5°	370.7
10°	353.4
12.5°	330.0
15°	302.1
17.5°	270.8
20°	236.8
22.5°	202.9
25°	171.2
27.5°	141.8
30°	115.0
32.5°	91.6
35°	71.3
37.5°	53.9
40°	40.4
42.5°	30.2
45°	22.3
47.5°	16.2
50°	12.1
52.5°	9.8
55°	8.7
57.5°	7.9
60°	6.8
62.5°	5.7
65°	4.9
67.5°	4.1
70°	3.8
72.5°	3.0
75°	2.3
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)