

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: P1281648

Luminaire Tested: P3AS05R40B2750DE010 E3DL1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281648
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R40B2750DE010 E3DL1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

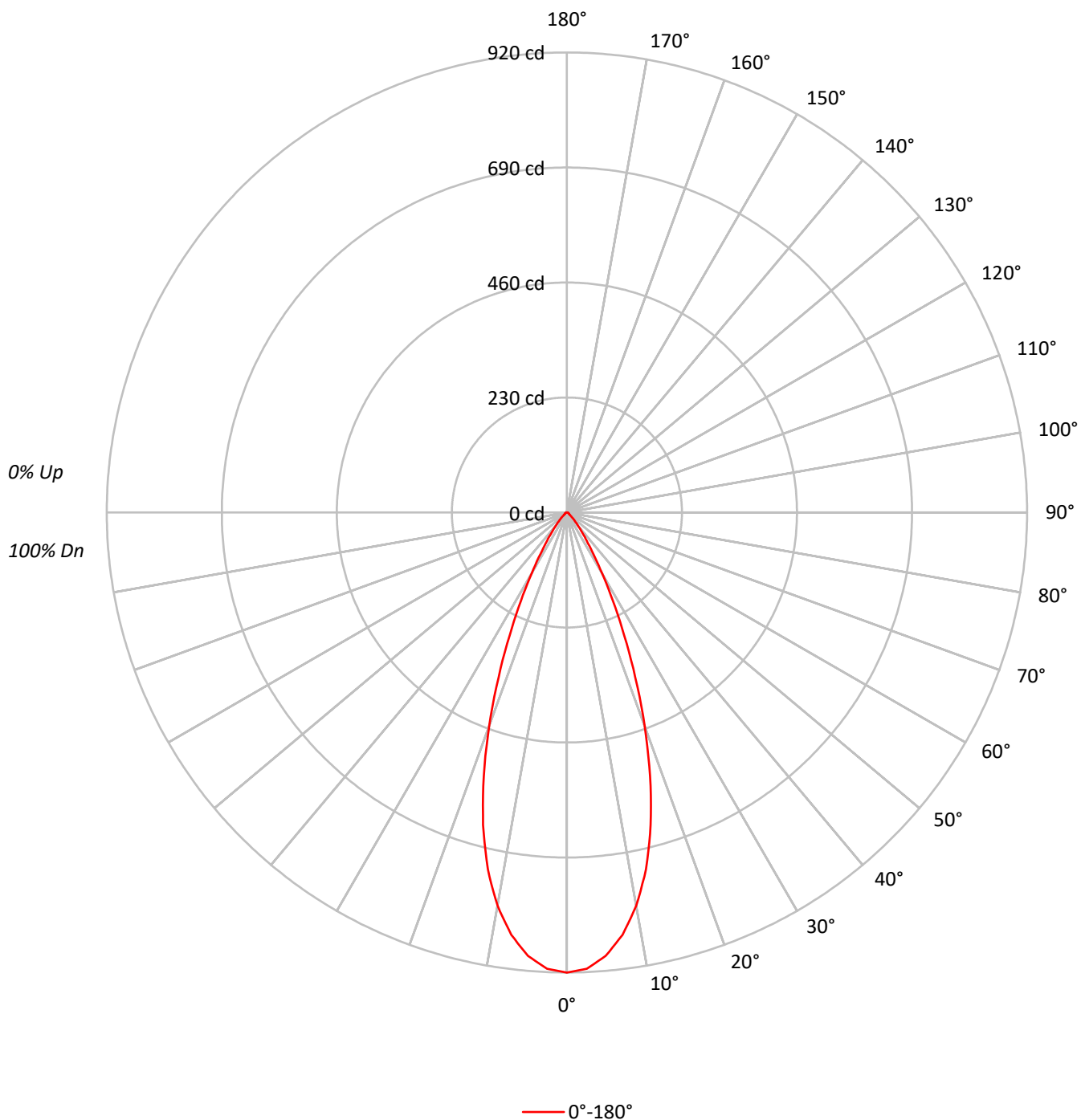
Lumens per Lamp: N/A
Luminaire Lumens: 456.0 lumens
Efficiency: N/A
Efficacy: 77.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1281648

CATALOG NUMBER: P3AS05R40B2750DE010 E3DL1WMH_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1281648

CATALOG NUMBER: P3AS05R40B2750DE010 E3DL1WMH_3000K

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	111	109	107	112	109	107	105	105	104	102		102	100	99		98	97	96		94
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94	92	91		89
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90	88	86		84
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86	84	81		80
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83	80	77		76
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79	76	73		72
7	88	80	75	71	87	79	74	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	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70	66	64		63
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67	64	61		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	201782
5°	195905
10°	177797
15°	146879
20°	105943
25°	65520
30°	35474
35°	18337
40°	9962
45°	5582
50°	2797
55°	2103
60°	1886
65°	1816
70°	1731
75°	1694
80°	1515
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5582 cd/sqm

TEST NUMBER: P1281648

CATALOG NUMBER: P3AS05R40B2750DE010 E3DL1WMH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.0	18.0
10°-20°	176.2	38.6
20°-30°	125.7	27.6
30°-40°	46.3	10.1
40°-50°	14.6	3.2
50°-60°	5.1	1.1
60°-70°	3.5	0.8
70°-80°	2.1	0.5
80°-90°	0.6	0.1
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°	383.9	84.2
0°-40°	430.2	94.3
0°-60°	449.8	98.7
0°-90°	456.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	456.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	920	
5°	890	82
15°	647	176
25°	271	126
35°	68	46
45°	18	15
55°	6	5
65°	4	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1281648

CATALOG NUMBER: P3AS05R40B2750DE010 E3DL1WMH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	920.2
2.5°	913.1
5°	890.0
7.5°	851.7
10°	798.5
12.5°	730.7
15°	647.0
17.5°	553.0
20°	454.0
22.5°	356.6
25°	270.8
27.5°	198.8
30°	140.1
32.5°	98.2
35°	68.5
37.5°	48.5
40°	34.8
42.5°	25.0
45°	18.0
47.5°	12.1
50°	8.2
52.5°	5.9
55°	5.5
57.5°	5.1
60°	4.3
62.5°	3.9
65°	3.5
67.5°	3.1
70°	2.7
72.5°	2.3
75°	2.0
77.5°	1.6
80°	1.2
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)