Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: io LED

Report Number: P315046

Luminaire Tested: **LDA2B15NFL8030D010 PINW1MW**

Issue Date: 3/3/2020

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Test Information

Test Method:	LM-41-14
Report Number:	P315046
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1811-033-2)
Test Lab:	INNOVATION CENTER(G2)
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	io LED
Catalog Number:	LDA2B15NFL8030D010 PINW1MW
Description:	PORTFOLIO 2IN ADJ 1500 LUMEN LED LUMINAIRE WITH NARROW FLOOD OPTIC AND 2in Adj PinHole, Black oculus, matte white finish
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1320.2 lumens
Efficiency:	N/A
Efficacy:	93.6 lumens/watt
Spacing Criteria (0/90/45):	0.39 / 0.39 / 0.39
Luminous Opening:	Circular (Dia: 0.17' x H: 0')
CIE Type:	Direct

Input Watts (W):	14.1
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:	25 FT

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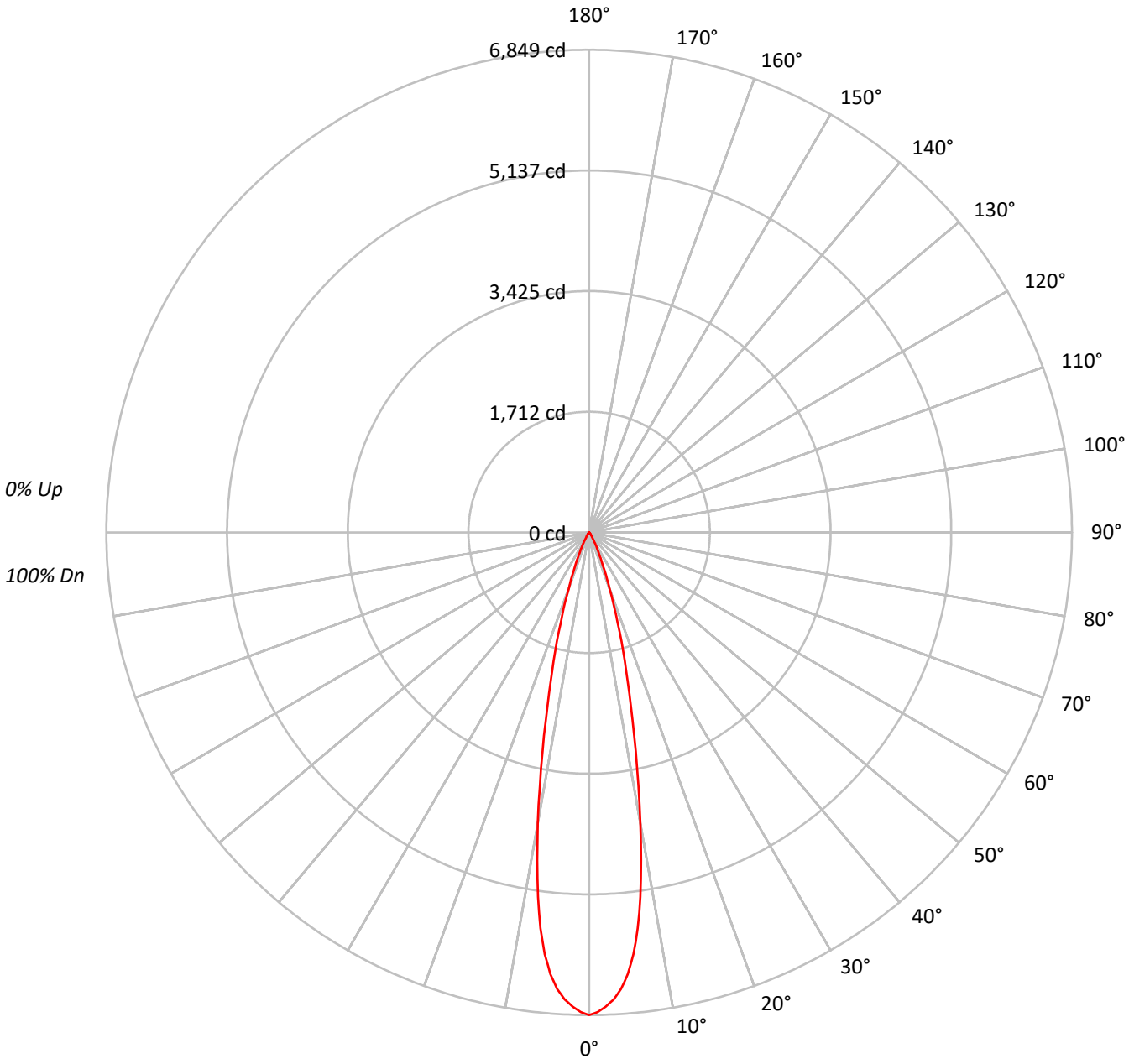
Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			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	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	98	98	97	96	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	91
4	105	100	96	94	104	99	96	93	97	94	92	95	93	91	94	92	90	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	92	89	87	86
6	100	94	90	87	98	93	89	87	92	89	86	91	88	86	89	87	85	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82
8	95	88	85	82	94	88	84	82	87	84	81	86	83	81	85	83	81	80
9	92	86	82	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78
10	90	84	80	78	90	84	80	78	83	80	78	82	79	77	82	79	77	76

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	3379183
5°	3116437
10°	2100078
15°	1035424
20°	442281
25°	173870
30°	68476
35°	29994
40°	14426
45°	6977
50°	3838
55°	2150
60°	1184
65°	700
70°	865
75°	0
80°	0
85°	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	533.0	40.4
10°-20°	574.1	43.5
20°-30°	165.8	12.6
30°-40°	35.0	2.7
40°-50°	8.6	0.7
50°-60°	2.5	0.2
60°-70°	0.8	0.1
70°-80°	0.4	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°	1272.9	96.4
0°-40°	1307.9	99.1
0°-60°	1319.0	99.9
0°-90°	1320.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1320.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6849	
5°	6293	533
15°	2027	574
25°	319	166
35°	50	35
45°	10	9
55°	2	2
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	6849.3
1°	6806.3
2°	6733.5
3°	6635.1
4°	6495.7
5°	6292.7
6°	6018.7
7°	5661.4
8°	5221.8
9°	4709.4
10°	4192.0
11°	3669.0
12°	3175.3
13°	2737.0
14°	2351.6
15°	2027.2
17.5°	1339.8
20°	842.4
22.5°	518.0
25°	319.4
27.5°	194.9
30°	120.2
32.5°	76.0
35°	49.8
37.5°	33.0
40°	22.4
42.5°	15.6
45°	10.0
47.5°	6.2
50°	5.0
52.5°	3.7
55°	2.5
57.5°	1.9
60°	1.2
62.5°	1.2
65°	0.6
67.5°	0.6
70°	0.6
72.5°	0.6
75°	0.0
77.5°	0.6
80°	0.0
82.5°	0.0

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CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

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0°-180°

85°	*0.0*
87.5°	*0.0*

(END OF REPORT)