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: P203210

Luminaire Tested: **LD6B10D010 EU6B10208027 6LBMH1**

Issue Date: 3/3/2020

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Scaled Data Report

Test Information

Test Method:	LM-41-14
Report Number:	P203210
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35319)
Test Lab:	INNOVATION CENTER-P3
Issue Date:	3/3/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	io LED
Catalog Number:	LD6B10D010 EU6B10208027 6LBMH1
Description:	PORTFOLIO 6 INCH 50 DEGREE CUTOFF RECESSED DOWNLIGHT MEDIUM DISTRIBUTION WITH SEMI-SPECULAR CLEAR TRIM WATTAGE D010TR-10.05 W DE010-10.58 W D5LT-10.2 W DMX-10.6 W DL2-11.8 W DL3-11.1 W DLE-11.39 W
Light Source:	HIGH LUMEN LED
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	743.2 lumens
Efficiency:	N/A
Efficacy:	75.1 lumens/watt
Spacing Criteria (0/90/45):	0.94 / 0.94 / 0.93
Luminous Opening:	Point Source (0' x 0' x 0')
CIE Type:	Direct

Input Watts (W):	9.9
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:	25 FT

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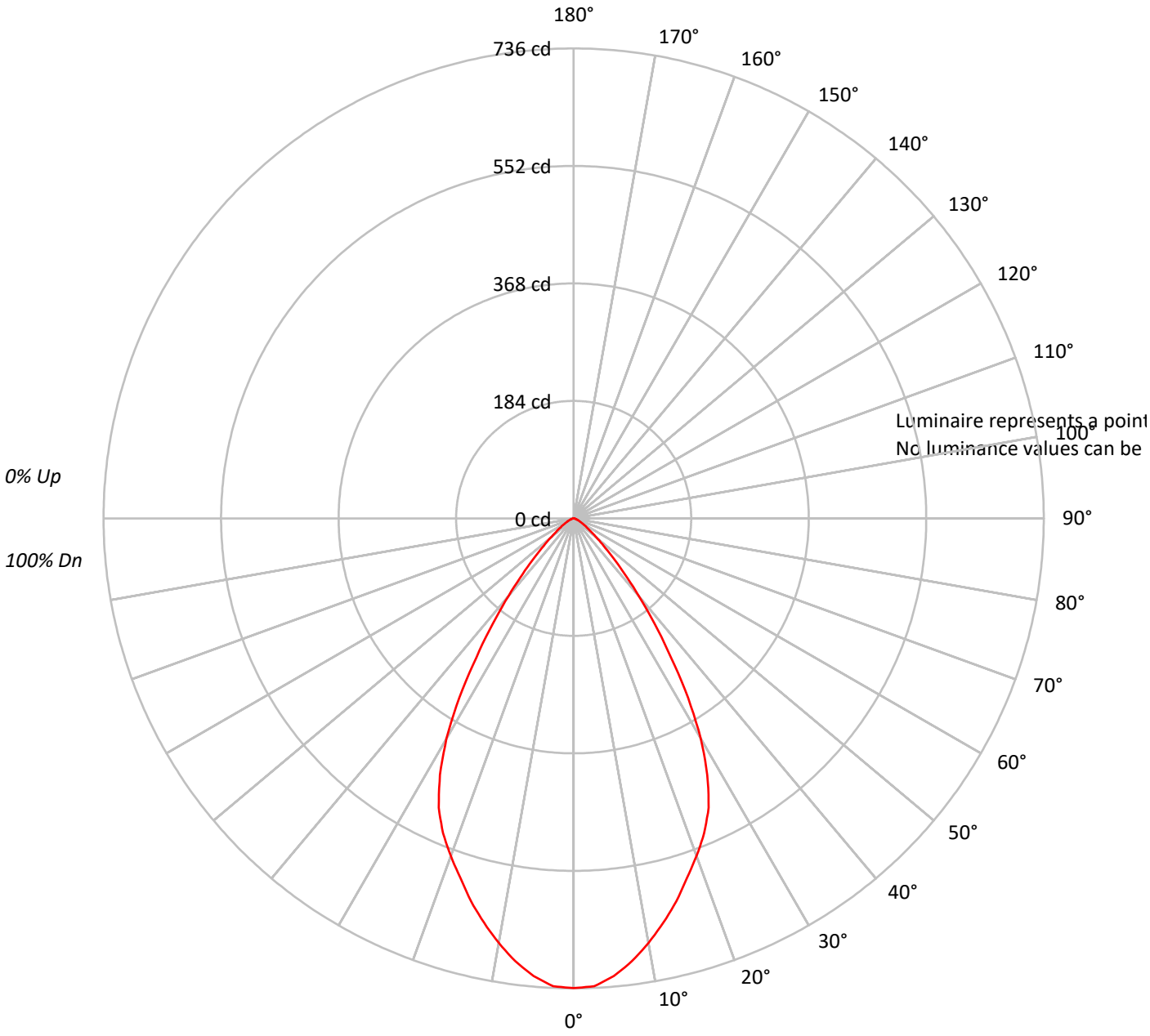
Luminous Intensity Polar Plot



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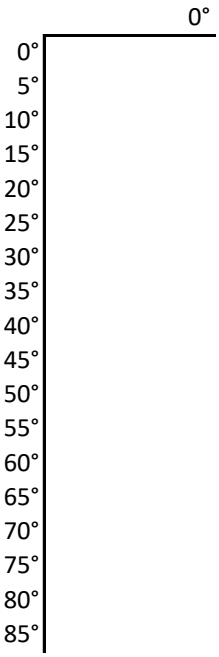
COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85
3	101	94	88	84	99	92	87	84	90	86	82	87	84	81	85	82	80	78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46

AVERAGE LUMINANCE (cd/sqm):



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.3	9.0
10°-20°	174.0	23.4
20°-30°	225.4	30.3
30°-40°	167.4	22.5
40°-50°	70.6	9.5
50°-60°	25.1	3.4
60°-70°	9.7	1.3
70°-80°	3.3	0.4
80°-90°	0.4	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°	466.7	62.8
0°-40°	634.0	85.3
0°-60°	729.8	98.2
0°-90°	743.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	743.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	736	
5°	720	67
15°	621	174
25°	500	225
35°	265	167
45°	87	71
55°	26	25
65°	10	10
75°	3	3
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	735.6
2.5°	733.4
5°	719.6
7.5°	699.5
10°	675.1
12.5°	648.5
15°	620.9
17.5°	590.1
20°	562.5
22.5°	533.9
25°	499.9
27.5°	453.2
30°	398.0
32.5°	333.3
35°	265.4
37.5°	208.0
40°	158.1
42.5°	117.8
45°	87.0
47.5°	63.7
50°	46.7
52.5°	35.0
55°	26.5
57.5°	20.2
60°	15.9
62.5°	11.7
65°	9.6
67.5°	7.4
70°	5.3
72.5°	4.2
75°	3.2
77.5°	2.1
80°	1.1
82.5°	1.1
85°	0.0
87.5°	0.0
90°	0.0

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0°-180°

(END OF REPORT)