

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P843861

Luminaire Tested: **LD6C08DE010B2750 EU6C08B30 6LBCSMW**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P843861
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P204757)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C08DE010B2750 EU6C08B30 6LBSCMW
Description:
Light Source: -
Ballast/Driver:

Summary

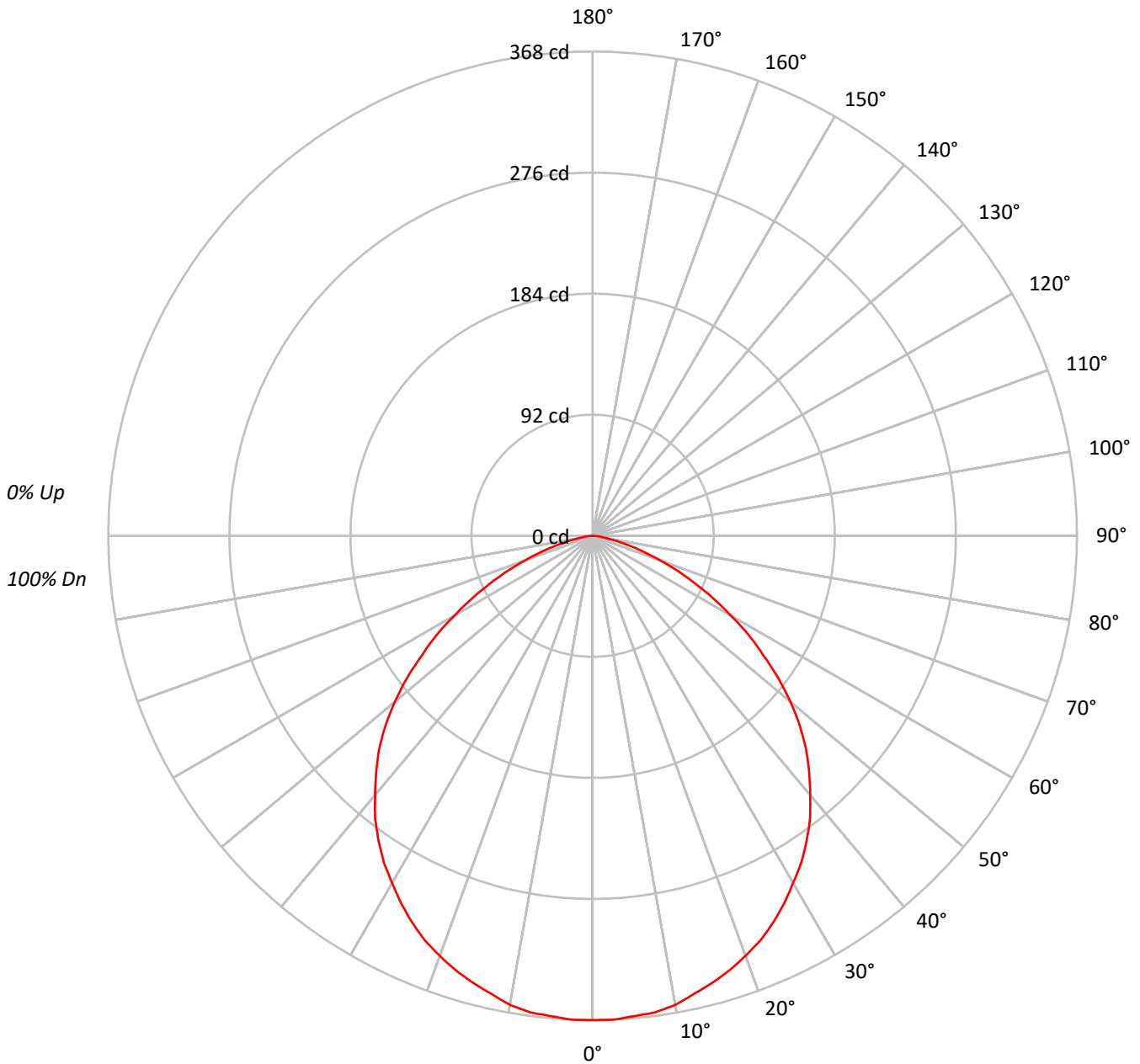
Lumens per Lamp: N/A
Luminaire Lumens: 901.2 lumens
Efficiency: N/A
Efficacy: 93.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.6
Input Voltage (V):
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				
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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87	87	87	87
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74	74	74	74
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63	63	63	63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55	55	55	55
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48	48	48	48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42	42	42	42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37	37	37	37
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33	33	33	33
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30	30	30	30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27	27	27	27

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	20179
5°	20163
10°	20151
15°	19960
20°	19818
25°	19622
30°	19288
35°	18966
40°	18406
45°	17785
50°	16724
55°	15139
60°	13288
65°	11194
70°	8751
75°	6142
80°	3441
85°	2390



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.9	3.9
10°-20°	99.3	11.0
20°-30°	149.3	16.6
30°-40°	177.0	19.6
40°-50°	176.1	19.5
50°-60°	142.0	15.8
60°-70°	85.9	9.5
70°-80°	31.9	3.5
80°-90°	4.7	0.5
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°	283.5	31.5
0°-40°	460.5	51.1
0°-60°	778.6	86.4
0°-90°	901.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	901.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	368	
5°	366	35
15°	352	99
25°	324	149
35°	283	177
45°	229	176
55°	158	142
65°	86	86
75°	29	32
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	368.1
2.5°	368.1
5°	366.4
7.5°	365.3
10°	362.0
12.5°	356.5
15°	351.7
17.5°	346.2
20°	339.7
22.5°	333.0
25°	324.4
27.5°	315.1
30°	304.7
32.5°	294.9
35°	283.4
37.5°	271.4
40°	257.2
42.5°	243.5
45°	229.4
47.5°	213.5
50°	196.1
52.5°	178.0
55°	158.4
57.5°	140.9
60°	121.2
62.5°	103.8
65°	86.3
67.5°	69.9
70°	54.6
72.5°	41.0
75°	29.0
77.5°	18.5
80°	10.9
82.5°	6.6
85°	3.8
87.5°	1.6
90°	0.0



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— 0°-180°







(END OF REPORT)