

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: P843962

Luminaire Tested: **LD6C10DE010B2750 EU6C10B35 6LBCSMMS**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843962
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: LD6C10DE010B2750 EU6C10B35 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

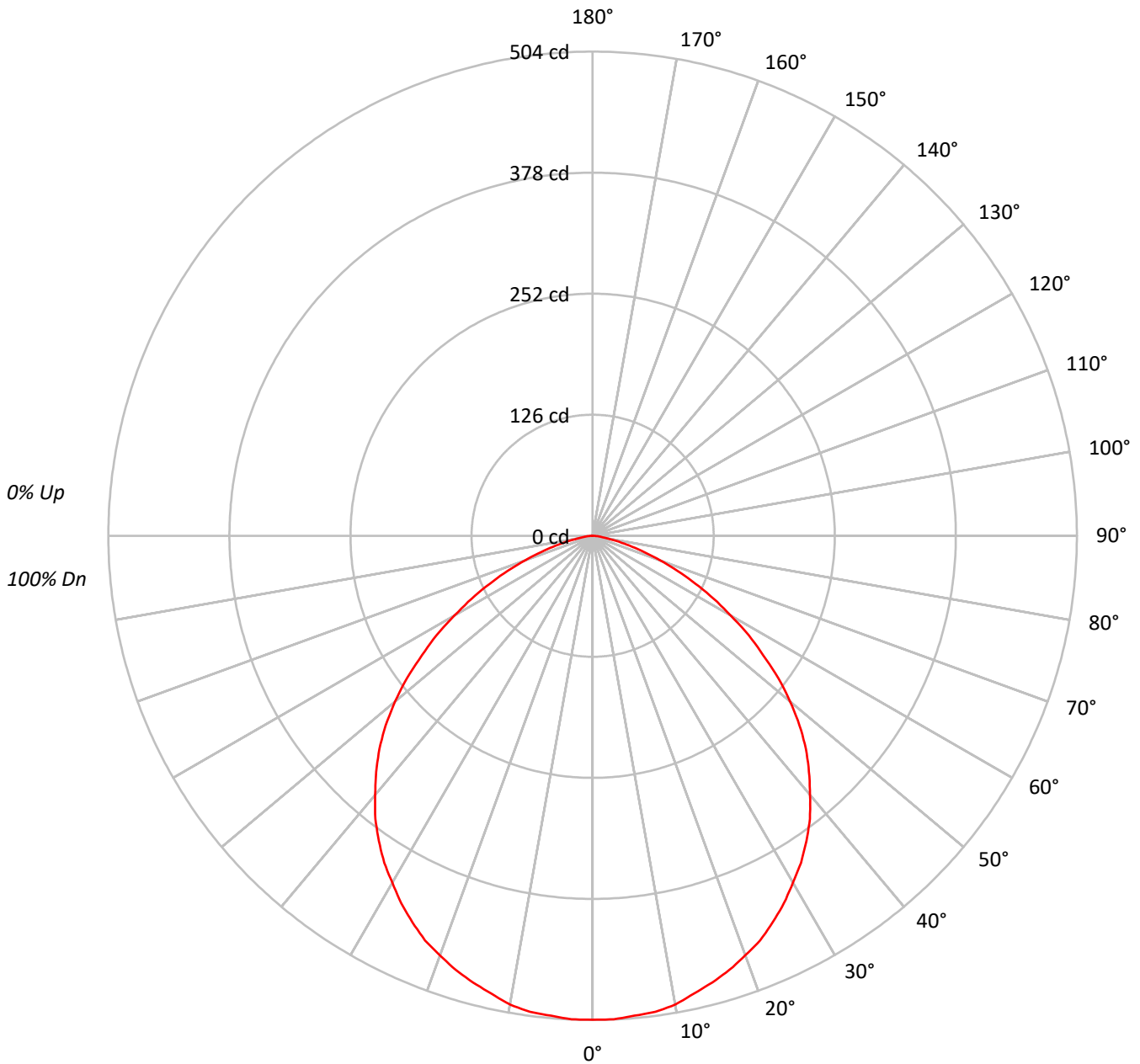
Lumens per Lamp: N/A
Luminaire Lumens: 1233.2 lumens
Efficiency: N/A
Efficacy: 92.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 13.3
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				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
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87				87
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74				74
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63				63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55				55
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48				48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42				42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37				37
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33				33
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30				30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27				27

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	27618
5°	27592
10°	27582
15°	27316
20°	27116
25°	26850
30°	26390
35°	25959
40°	25190
45°	24336
50°	22882
55°	20711
60°	18178
65°	15306
70°	11989
75°	8409
80°	4704
85°	3271



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.7	3.9
10°-20°	135.9	11.0
20°-30°	204.4	16.6
30°-40°	242.2	19.6
40°-50°	241.0	19.5
50°-60°	194.3	15.8
60°-70°	117.5	9.5
70°-80°	43.7	3.5
80°-90°	6.5	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°	388.0	31.5
0°-40°	630.2	51.1
0°-60°	1065.5	86.4
0°-90°	1233.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1233.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	504	
5°	501	48
15°	481	136
25°	444	204
35°	388	242
45°	314	241
55°	217	194
65°	118	118
75°	40	44
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	503.8
2.5°	503.8
5°	501.4
7.5°	499.9
10°	495.5
12.5°	488.0
15°	481.3
17.5°	473.8
20°	464.8
22.5°	455.8
25°	443.9
27.5°	431.2
30°	416.9
32.5°	403.6
35°	387.9
37.5°	371.4
40°	352.0
42.5°	333.3
45°	313.9
47.5°	292.1
50°	268.3
52.5°	243.6
55°	216.7
57.5°	192.8
60°	165.8
62.5°	142.0
65°	118.0
67.5°	95.6
70°	74.8
72.5°	56.1
75°	39.7
77.5°	25.4
80°	14.9
82.5°	9.0
85°	5.2
87.5°	2.2
90°	0.0



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— 0°-180°







(END OF REPORT)