

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: P843944

Luminaire Tested: **LD6C10DE010B2750 EU6C10B30 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843944
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 EU6C10B30 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

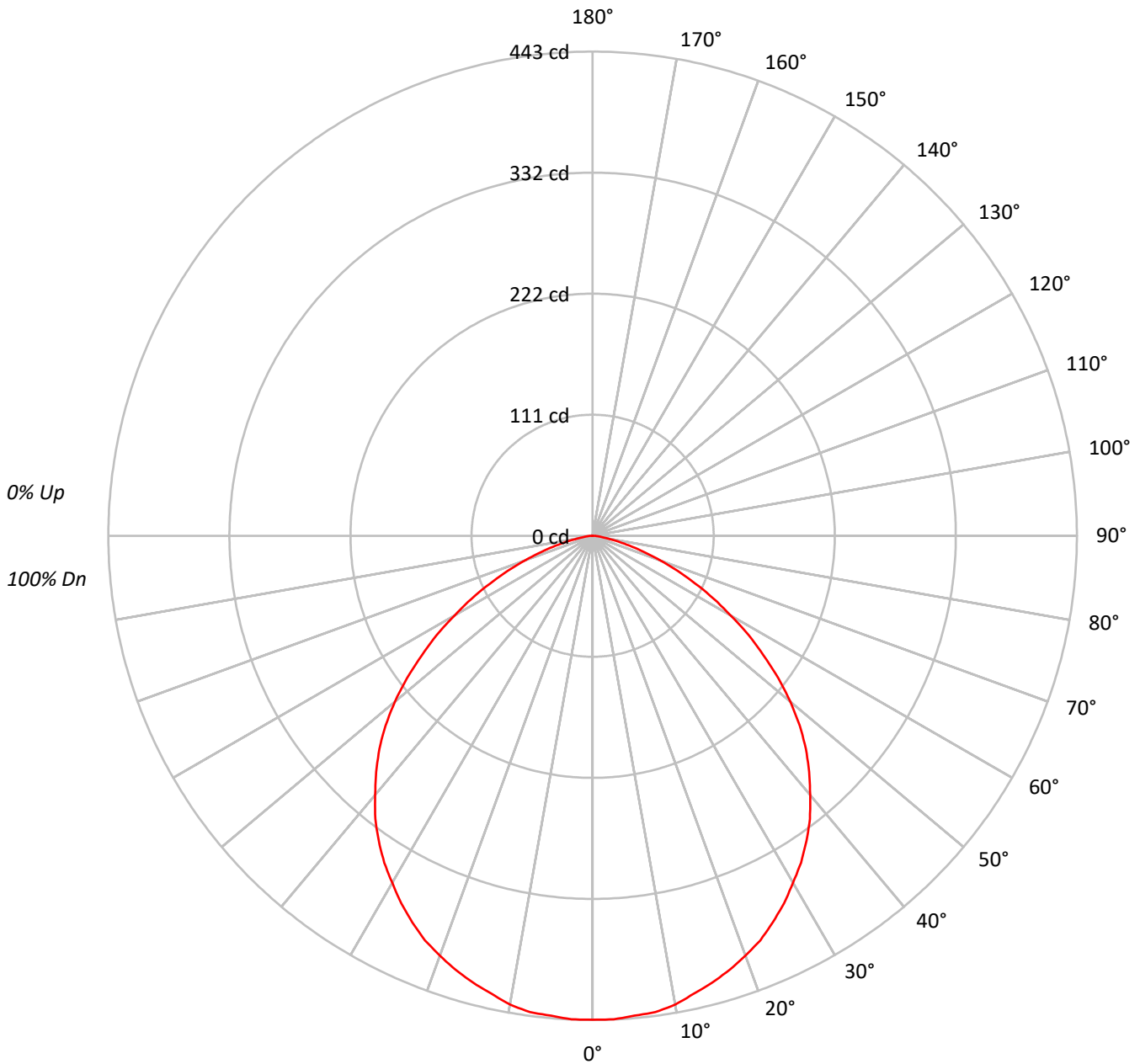
Lumens per Lamp: N/A
Luminaire Lumens: 1084.0 lumens
Efficiency: N/A
Efficacy: 81.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	75	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	34				34
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°	24274
5°	24257
10°	24242
15°	24018
20°	23843
25°	23602
30°	23206
35°	22821
40°	22149
45°	21390
50°	20119
55°	18217
60°	15986
65°	13464
70°	10531
75°	7371
80°	4136
85°	2830



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.0	3.9
10°-20°	119.4	11.0
20°-30°	179.7	16.6
30°-40°	212.9	19.6
40°-50°	211.9	19.5
50°-60°	170.8	15.8
60°-70°	103.3	9.5
70°-80°	38.4	3.5
80°-90°	5.6	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°	341.1	31.5
0°-40°	554.0	51.1
0°-60°	936.7	86.4
0°-90°	1084.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1084.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	443	
5°	441	42
15°	423	119
25°	390	180
35°	341	213
45°	276	212
55°	191	171
65°	104	103
75°	35	38
85°	4	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	442.8
2.5°	442.8
5°	440.8
7.5°	439.6
10°	435.5
12.5°	429.0
15°	423.2
17.5°	416.5
20°	408.7
22.5°	400.7
25°	390.2
27.5°	379.1
30°	366.6
32.5°	354.7
35°	341.0
37.5°	326.5
40°	309.5
42.5°	293.0
45°	275.9
47.5°	256.8
50°	235.9
52.5°	214.2
55°	190.6
57.5°	169.4
60°	145.8
62.5°	124.8
65°	103.8
67.5°	84.1
70°	65.7
72.5°	49.3
75°	34.8
77.5°	22.3
80°	13.1
82.5°	7.8
85°	4.5
87.5°	1.9
90°	0.0



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— 0°-180°







(END OF REPORT)