

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: P843961

Luminaire Tested: **LD6C10DE010B2750 EU6C10B35 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843961
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 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

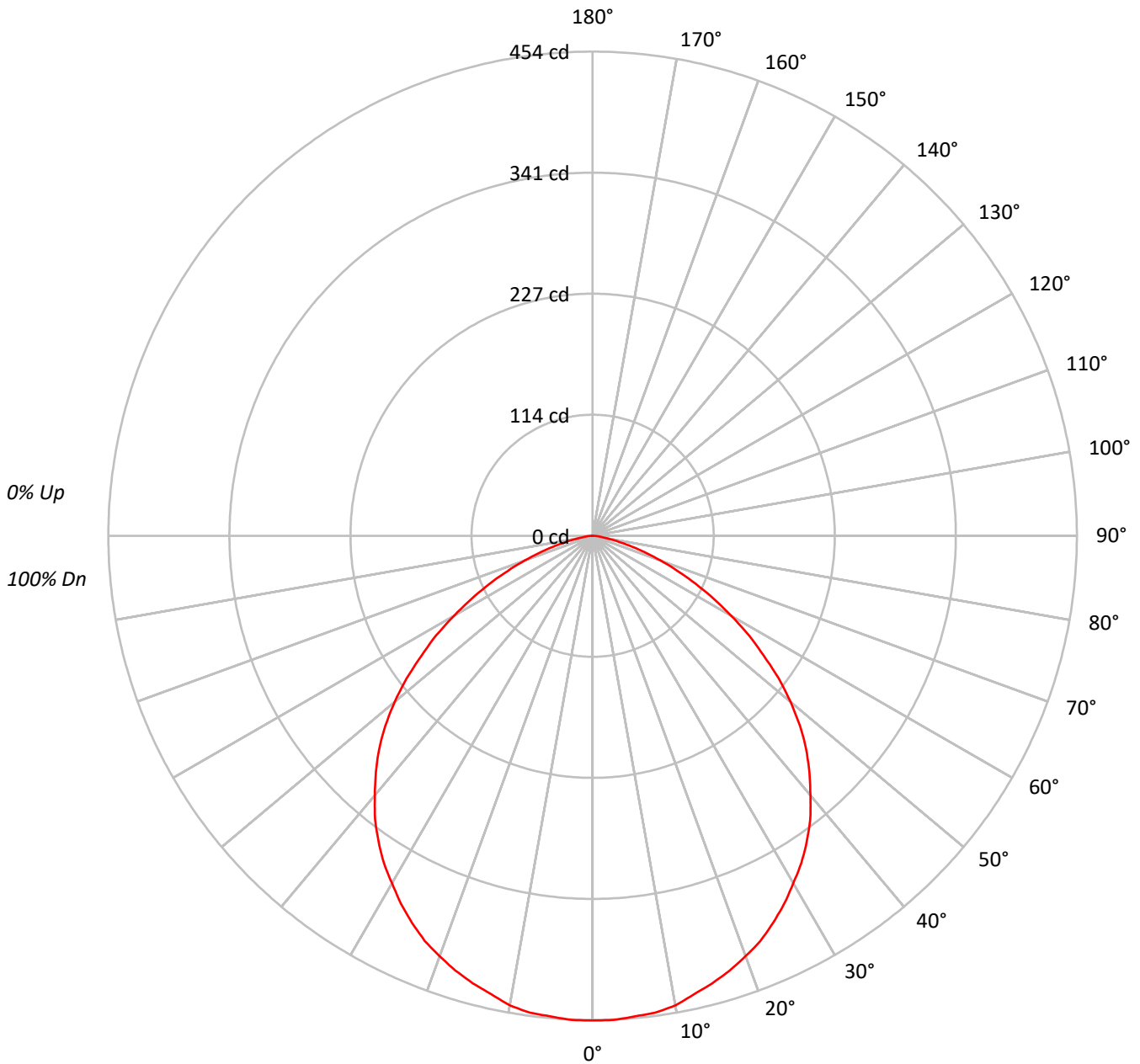
Lumens per Lamp: N/A
Luminaire Lumens: 1112.7 lumens
Efficiency: N/A
Efficacy: 83.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	24916
5°	24890
10°	24888
15°	24648
20°	24473
25°	24225
30°	23814
35°	23423
40°	22728
45°	21956
50°	20648
55°	18695
60°	16413
65°	13815
70°	10819
75°	7562
80°	4230
85°	2956



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.1	3.9
10°-20°	122.6	11.0
20°-30°	184.4	16.6
30°-40°	218.6	19.6
40°-50°	217.5	19.5
50°-60°	175.3	15.8
60°-70°	106.1	9.5
70°-80°	39.4	3.5
80°-90°	5.8	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°	350.0	31.5
0°-40°	568.6	51.1
0°-60°	961.4	86.4
0°-90°	1112.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1112.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	454	
5°	452	43
15°	434	123
25°	400	184
35°	350	219
45°	283	217
55°	196	175
65°	106	106
75°	36	39
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	454.5
2.5°	454.5
5°	452.3
7.5°	451.1
10°	447.1
12.5°	440.2
15°	434.3
17.5°	427.5
20°	419.5
22.5°	411.2
25°	400.5
27.5°	389.0
30°	376.2
32.5°	364.1
35°	350.0
37.5°	335.2
40°	317.6
42.5°	300.7
45°	283.2
47.5°	263.6
50°	242.1
52.5°	219.8
55°	195.6
57.5°	174.0
60°	149.7
62.5°	128.1
65°	106.5
67.5°	86.3
70°	67.5
72.5°	50.7
75°	35.7
77.5°	23.0
80°	13.4
82.5°	8.0
85°	4.7
87.5°	2.0
90°	0.0



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— 0°-180°







(END OF REPORT)