

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: P843928

Luminaire Tested: **LD6C10DE010B2750 EU6C10B27 6LBCSMMS**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843928
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 EU6C10B27 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

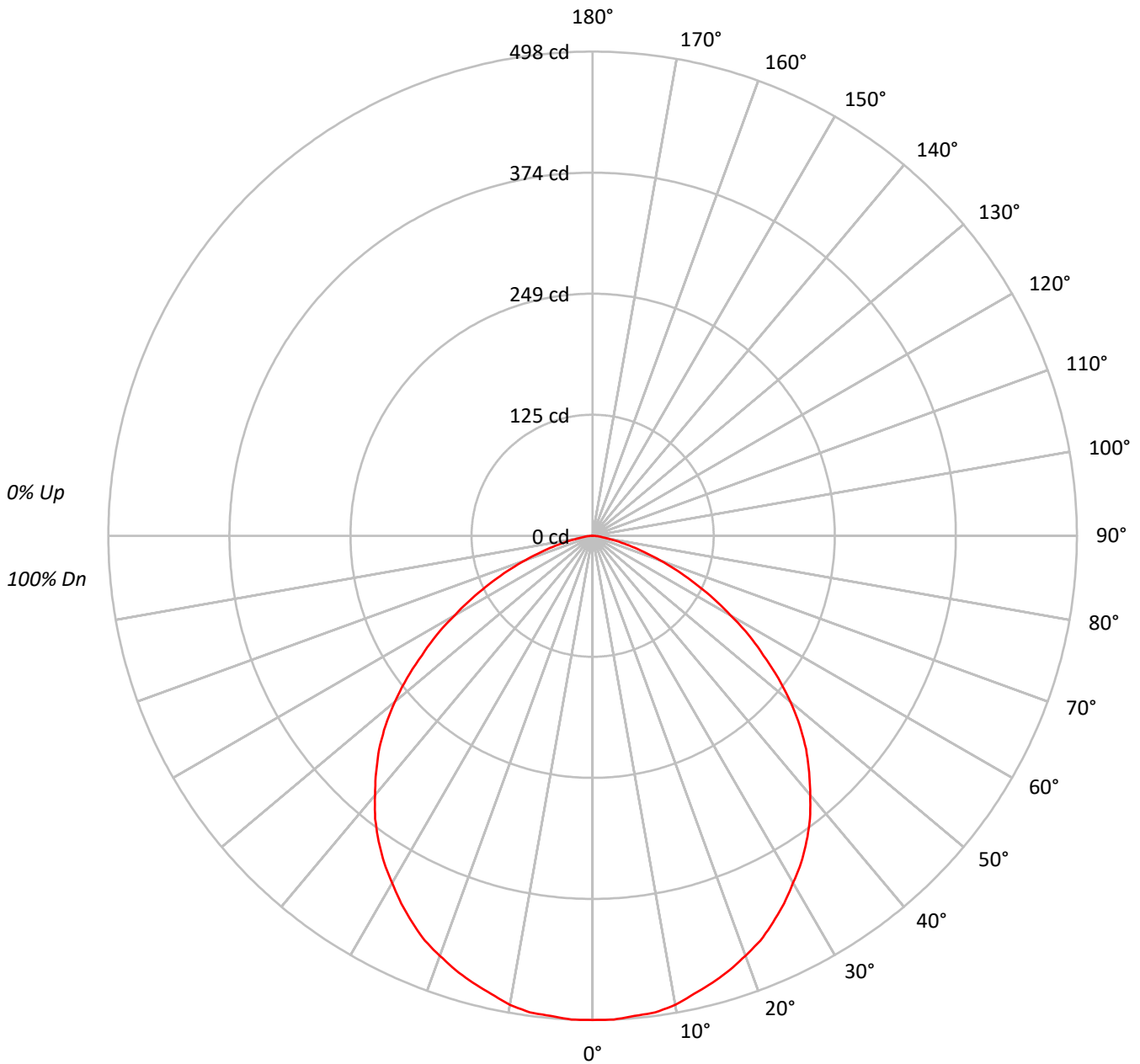
Lumens per Lamp: N/A
Luminaire Lumens: 1219.5 lumens
Efficiency: N/A
Efficacy: 91.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				
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°	27306
5°	27284
10°	27271
15°	27009
20°	26812
25°	26548
30°	26099
35°	25672
40°	24911
45°	24065
50°	22635
55°	20492
60°	17981
65°	15151
70°	11845
75°	8303
80°	4641
85°	3271



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.2	3.9
10°-20°	134.3	11.0
20°-30°	202.1	16.6
30°-40°	239.5	19.6
40°-50°	238.4	19.5
50°-60°	192.2	15.8
60°-70°	116.3	9.5
70°-80°	43.1	3.5
80°-90°	6.4	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°	383.6	31.5
0°-40°	623.1	51.1
0°-60°	1053.7	86.4
0°-90°	1219.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1219.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	498	
5°	496	47
15°	476	134
25°	439	202
35°	384	240
45°	310	238
55°	214	192
65°	117	116
75°	39	43
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	498.1
2.5°	498.1
5°	495.8
7.5°	494.4
10°	489.9
12.5°	482.5
15°	475.9
17.5°	468.5
20°	459.6
22.5°	450.8
25°	438.9
27.5°	426.3
30°	412.3
32.5°	399.0
35°	383.6
37.5°	367.3
40°	348.1
42.5°	329.6
45°	310.4
47.5°	288.9
50°	265.4
52.5°	240.8
55°	214.4
57.5°	190.7
60°	164.0
62.5°	140.5
65°	116.8
67.5°	94.6
70°	73.9
72.5°	55.4
75°	39.2
77.5°	25.1
80°	14.7
82.5°	8.9
85°	5.2
87.5°	2.2
90°	0.0



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— 0°-180°







(END OF REPORT)