

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: P844199

Luminaire Tested: **LD6C25DE010B2750 EU6C25B30 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844199
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: LD6C25DE010B2750 EU6C25B30 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

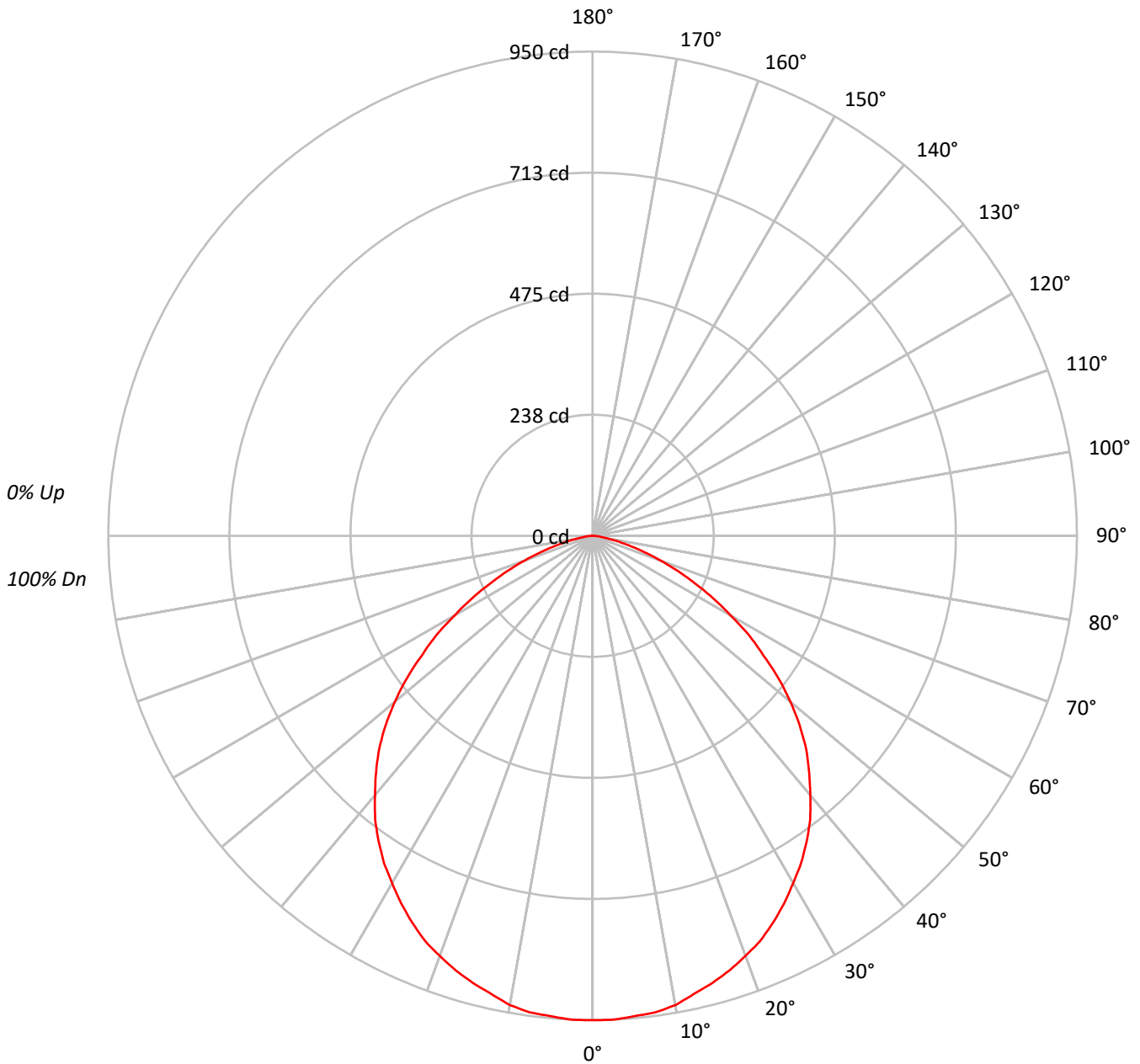
Lumens per Lamp: N/A
Luminaire Lumens: 2326.8 lumens
Efficiency: N/A
Efficacy: 78.1 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 29.8
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									
RC	80									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																			
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87																			
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74																			
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63																			
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55																			
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48																			
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42																			
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37																			
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33																			
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30																			
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27																			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52107
5°	52063
10°	52036
15°	51544
20°	51169
25°	50658
30°	49799
35°	48981
40°	47532
45°	45919
50°	43180
55°	39091
60°	34317
65°	28888
70°	22616
75°	15843
80°	8871
85°	6164



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.0	3.9
10°-20°	256.4	11.0
20°-30°	385.6	16.6
30°-40°	457.1	19.6
40°-50°	454.8	19.5
50°-60°	366.6	15.8
60°-70°	221.8	9.5
70°-80°	82.4	3.5
80°-90°	12.2	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°	732.0	31.5
0°-40°	1189.1	51.1
0°-60°	2010.5	86.4
0°-90°	2326.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2326.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	950	
5°	946	90
15°	908	256
25°	838	386
35°	732	457
45°	592	455
55°	409	367
65°	223	222
75°	75	82
85°	10	12
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	950.5
2.5°	950.5
5°	946.1
7.5°	943.4
10°	934.8
12.5°	920.7
15°	908.2
17.5°	894.0
20°	877.1
22.5°	860.1
25°	837.5
27.5°	813.5
30°	786.7
32.5°	761.5
35°	731.9
37.5°	700.9
40°	664.2
42.5°	628.8
45°	592.3
47.5°	551.2
50°	506.3
52.5°	459.6
55°	409.0
57.5°	363.7
60°	313.0
62.5°	267.9
65°	222.7
67.5°	180.4
70°	141.1
72.5°	105.9
75°	74.8
77.5°	47.9
80°	28.1
82.5°	16.9
85°	9.8
87.5°	4.1
90°	0.0



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— 0°-180°







(END OF REPORT)