

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: P844182

Luminaire Tested: **LD6C25DE010B2750 EU6C25B27 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844182
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 EU6C25B27 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

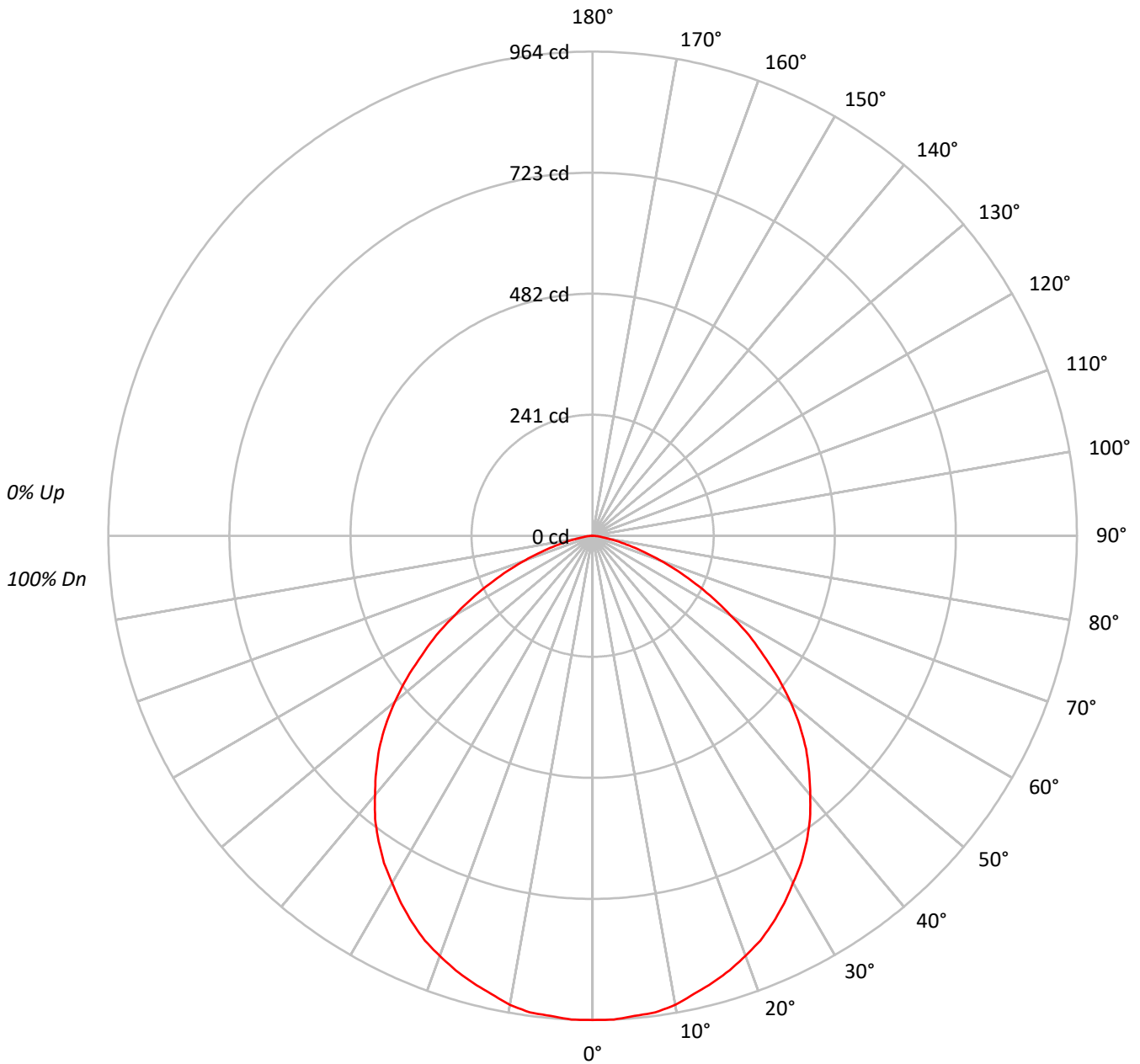
Lumens per Lamp: N/A
Luminaire Lumens: 2360.6 lumens
Efficiency: N/A
Efficacy: 79.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				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°	52858
5°	52817
10°	52794
15°	52293
20°	51915
25°	51396
30°	50520
35°	49697
40°	48219
45°	46586
50°	43802
55°	39655
60°	34811
65°	29303
70°	22937
75°	16055
80°	9029
85°	6227



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.3	3.9
10°-20°	260.1	11.0
20°-30°	391.2	16.6
30°-40°	463.7	19.6
40°-50°	461.4	19.5
50°-60°	371.9	15.8
60°-70°	225.0	9.5
70°-80°	83.6	3.5
80°-90°	12.4	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°	742.6	31.5
0°-40°	1206.3	51.1
0°-60°	2039.7	86.4
0°-90°	2360.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2360.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	964	
5°	960	91
15°	921	260
25°	850	391
35°	743	464
45°	601	461
55°	415	372
65°	226	225
75°	76	84
85°	10	12
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	964.2
2.5°	964.2
5°	959.8
7.5°	957.1
10°	948.4
12.5°	934.0
15°	921.4
17.5°	907.0
20°	889.9
22.5°	872.5
25°	849.7
27.5°	825.4
30°	798.1
32.5°	772.6
35°	742.6
37.5°	711.0
40°	673.8
42.5°	638.0
45°	600.9
47.5°	559.3
50°	513.6
52.5°	466.3
55°	414.9
57.5°	369.0
60°	317.5
62.5°	271.8
65°	225.9
67.5°	183.1
70°	143.1
72.5°	107.3
75°	75.8
77.5°	48.7
80°	28.6
82.5°	17.1
85°	9.9
87.5°	4.2
90°	0.0



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— 0°-180°







(END OF REPORT)