

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: P844216

Luminaire Tested: **LD6C25DE010B2750 EU6C25B35 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844216
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 EU6C25B35 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

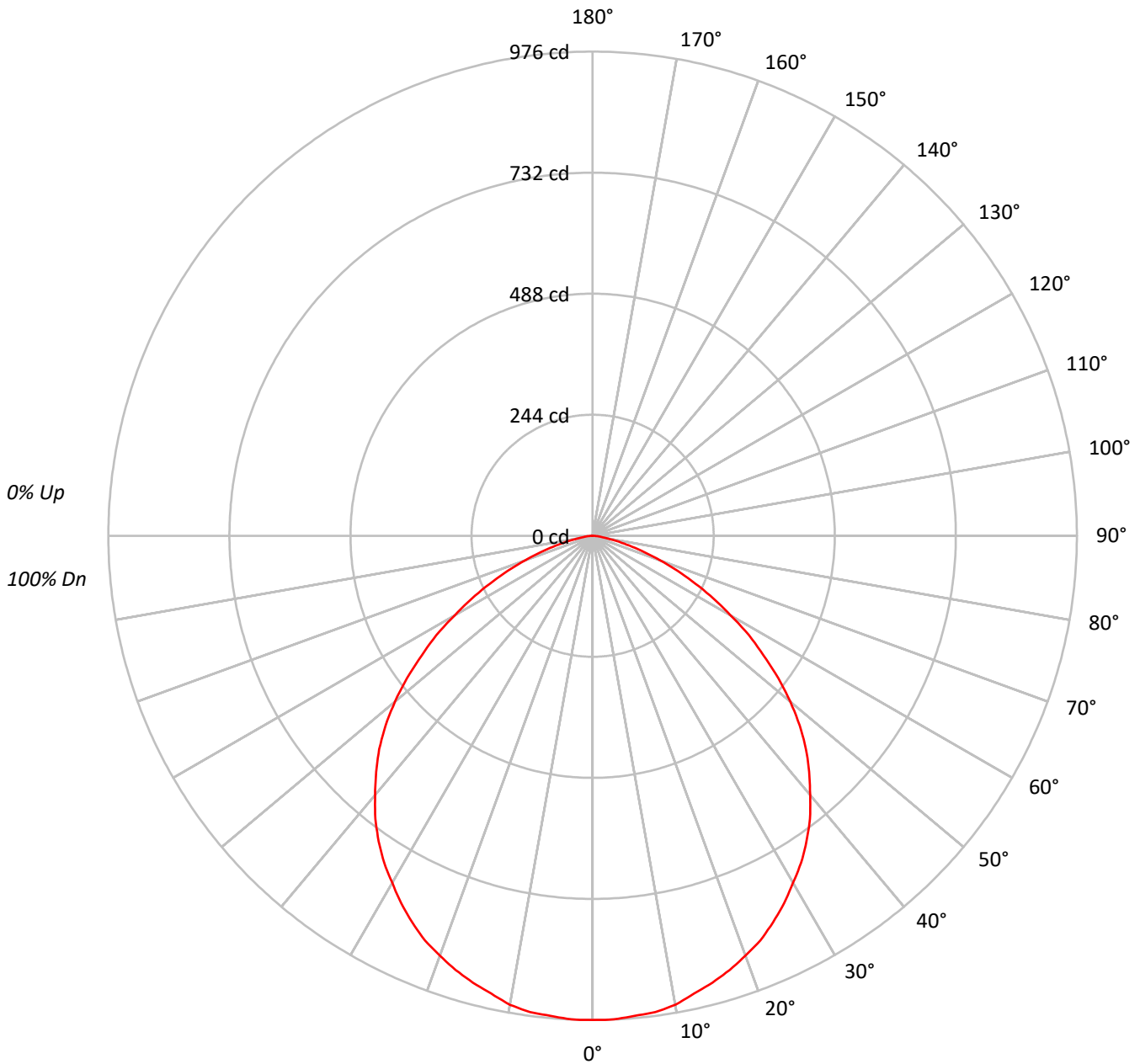
Lumens per Lamp: N/A
Luminaire Lumens: 2389.2 lumens
Efficiency: N/A
Efficacy: 80.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	53504
5°	53456
10°	53434
15°	52923
20°	52545
25°	52019
30°	51134
35°	50299
40°	48806
45°	47152
50°	44331
55°	40142
60°	35227
65°	29666
70°	23209
75°	16267
80°	9124
85°	6290



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.5	3.9
10°-20°	263.2	11.0
20°-30°	396.0	16.6
30°-40°	469.3	19.6
40°-50°	467.0	19.5
50°-60°	376.5	15.8
60°-70°	227.7	9.5
70°-80°	84.6	3.5
80°-90°	12.5	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°	751.6	31.5
0°-40°	1220.9	51.1
0°-60°	2064.4	86.4
0°-90°	2389.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2389.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	976	
5°	971	92
15°	932	263
25°	860	396
35°	752	469
45°	608	467
55°	420	376
65°	229	228
75°	77	85
85°	10	12
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	976.0
2.5°	976.0
5°	971.4
7.5°	968.7
10°	959.9
12.5°	945.3
15°	932.5
17.5°	917.9
20°	900.7
22.5°	883.1
25°	860.0
27.5°	835.4
30°	807.8
32.5°	781.9
35°	751.6
37.5°	719.6
40°	682.0
42.5°	645.6
45°	608.2
47.5°	566.0
50°	519.8
52.5°	471.9
55°	420.0
57.5°	373.6
60°	321.3
62.5°	275.1
65°	228.7
67.5°	185.3
70°	144.8
72.5°	108.7
75°	76.8
77.5°	49.2
80°	28.9
82.5°	17.3
85°	10.0
87.5°	4.2
90°	0.0



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— 0°-180°







(END OF REPORT)