

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: P844224

Luminaire Tested: **LD6C25DE010B2750 EU6C25B35 6LBMH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844224
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C25DE010B2750 EU6C25B35 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

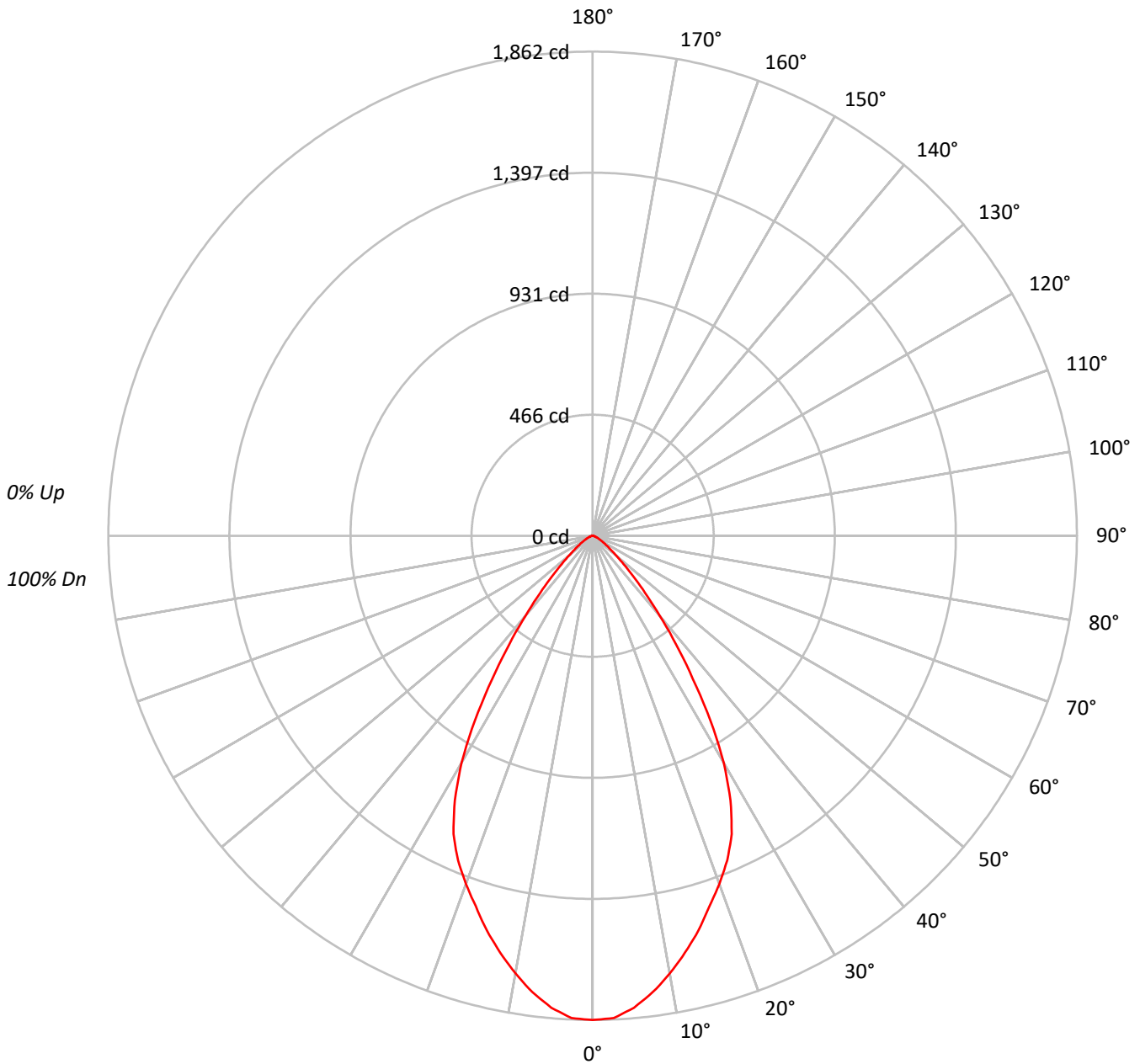
Lumens per Lamp: N/A
Luminaire Lumens: 1881.5 lumens
Efficiency: N/A
Efficacy: 63.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92																			
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85																			
3	101	94	88	84	99	92	88	84	90	86	82	87	84	81	85	82	80	78																			
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72																			
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66																			
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61																			
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57																			
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53																			
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49																			
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46																			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	102081
5°	100253
10°	95127
15°	89200
20°	83080
25°	76553
30°	63782
35°	44952
40°	28647
45°	17087
50°	10081
55°	6423
60°	4419
65°	3139
70°	2148
75°	1694
80°	821
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.3	9.0
10°-20°	440.4	23.4
20°-30°	570.7	30.3
30°-40°	423.7	22.5
40°-50°	178.9	9.5
50°-60°	63.5	3.4
60°-70°	24.5	1.3
70°-80°	8.4	0.4
80°-90°	1.1	0.1
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°	1181.4	62.8
0°-40°	1605.1	85.3
0°-60°	1847.5	98.2
0°-90°	1881.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1881.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1862	
5°	1822	170
15°	1572	440
25°	1266	571
35°	672	424
45°	220	179
55°	67	63
65°	24	24
75°	8	8
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1862.1
2.5°	1856.7
5°	1821.8
7.5°	1770.7
10°	1708.9
12.5°	1641.7
15°	1571.7
17.5°	1493.9
20°	1424.1
22.5°	1351.6
25°	1265.6
27.5°	1147.3
30°	1007.6
32.5°	843.7
35°	671.7
37.5°	526.7
40°	400.3
42.5°	298.3
45°	220.4
47.5°	161.2
50°	118.2
52.5°	88.6
55°	67.2
57.5°	51.0
60°	40.3
62.5°	29.6
65°	24.2
67.5°	18.7
70°	13.4
72.5°	10.7
75°	8.0
77.5°	5.4
80°	2.6
82.5°	2.6
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)