

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: P844388

Luminaire Tested: **LD6C35DE010B2750 EU6C35B35 6LBCSMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844388
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: LD6C35DE010B2750 EU6C35B35 6LBSCMW
Description:
Light Source: -
Ballast/Driver:

Summary

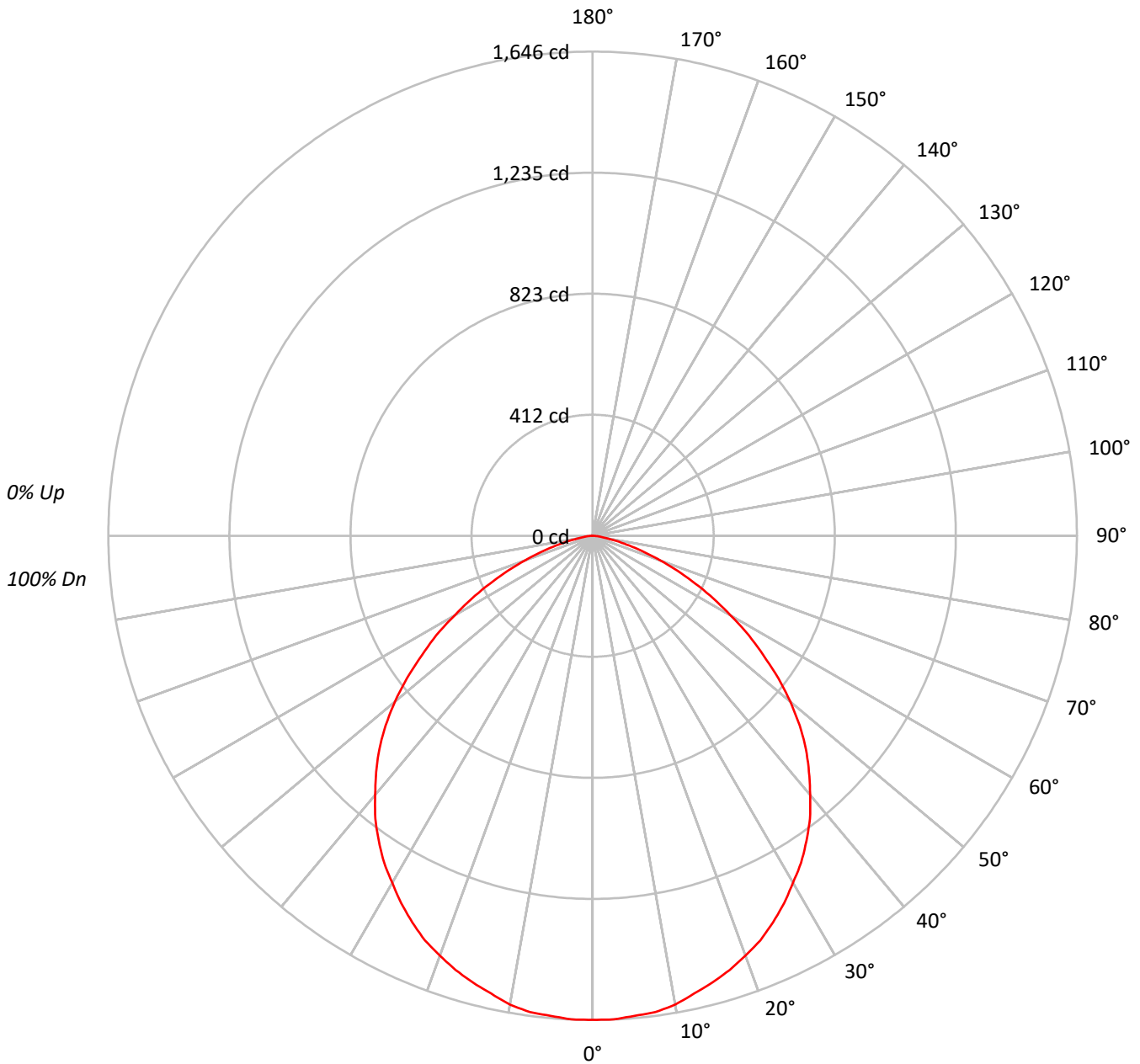
Lumens per Lamp: N/A
Luminaire Lumens: 4028.5 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 41.7
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				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°	90212
5°	90138
10°	90095
15°	89240
20°	88593
25°	87707
30°	86216
35°	84805
40°	82297
45°	79504
50°	74761
55°	67677
60°	59403
65°	50018
70°	39141
75°	27429
80°	15374
85°	10630



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.9	3.9
10°-20°	443.8	11.0
20°-30°	667.6	16.6
30°-40°	791.3	19.6
40°-50°	787.4	19.5
50°-60°	634.8	15.8
60°-70°	384.0	9.5
70°-80°	142.6	3.5
80°-90°	21.1	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°	1267.3	31.5
0°-40°	2058.6	51.1
0°-60°	3480.8	86.4
0°-90°	4028.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4028.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1646	
5°	1638	156
15°	1572	444
25°	1450	668
35°	1267	791
45°	1026	787
55°	708	635
65°	386	384
75°	130	143
85°	17	21
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1645.6
2.5°	1645.6
5°	1638.0
7.5°	1633.3
10°	1618.5
12.5°	1594.0
15°	1572.4
17.5°	1547.8
20°	1518.6
22.5°	1489.0
25°	1450.0
27.5°	1408.6
30°	1362.0
32.5°	1318.4
35°	1267.2
37.5°	1213.4
40°	1150.0
42.5°	1088.6
45°	1025.5
47.5°	954.4
50°	876.6
52.5°	795.8
55°	708.1
57.5°	629.8
60°	541.8
62.5°	463.9
65°	385.6
67.5°	312.4
70°	244.2
72.5°	183.3
75°	129.5
77.5°	82.9
80°	48.7
82.5°	29.2
85°	16.9
87.5°	7.2
90°	0.0



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— 0°-180°







(END OF REPORT)