

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: P844369

Luminaire Tested: **LD6C35DE010B2750 EU6C35B30 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844369
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 EU6C35B30 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

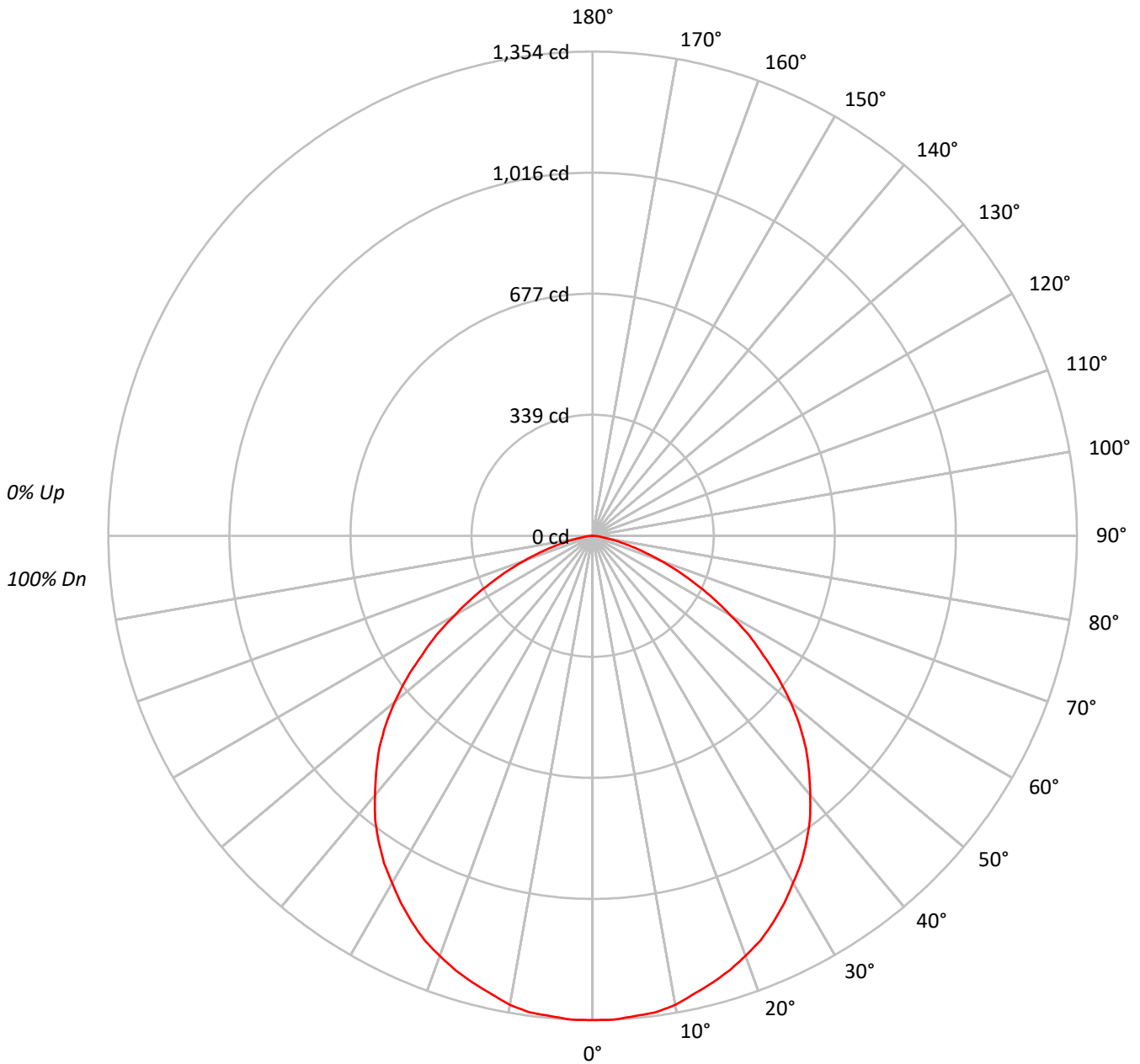
Lumens per Lamp: N/A
Luminaire Lumens: 3315.6 lumens
Efficiency: N/A
Efficacy: 79.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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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CATALOG NUMBER: LD6C35DE010B2750 EU6C35B30 6LBCSMB

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°	74248
5°	74191
10°	74152
15°	73445
20°	72917
25°	72186
30°	70960
35°	69794
40°	67734
45°	65433
50°	61525
55°	55702
60°	48889
65°	41172
70°	32217
75°	22579
80°	12659
85°	8806



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.3	3.9
10°-20°	365.3	11.0
20°-30°	549.5	16.6
30°-40°	651.3	19.6
40°-50°	648.1	19.5
50°-60°	522.4	15.8
60°-70°	316.0	9.5
70°-80°	117.4	3.5
80°-90°	17.4	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°	1043.1	31.5
0°-40°	1694.4	51.1
0°-60°	2864.8	86.4
0°-90°	3315.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3315.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1354	
5°	1348	128
15°	1294	365
25°	1193	549
35°	1043	651
45°	844	648
55°	583	522
65°	317	316
75°	107	117
85°	14	17
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1354.4
2.5°	1354.4
5°	1348.2
7.5°	1344.3
10°	1332.1
12.5°	1311.9
15°	1294.1
17.5°	1273.9
20°	1249.9
22.5°	1225.6
25°	1193.4
27.5°	1159.4
30°	1121.0
32.5°	1085.1
35°	1042.9
37.5°	998.7
40°	946.5
42.5°	896.0
45°	844.0
47.5°	785.5
50°	721.4
52.5°	654.9
55°	582.8
57.5°	518.3
60°	445.9
62.5°	381.8
65°	317.4
67.5°	257.1
70°	201.0
72.5°	150.8
75°	106.6
77.5°	68.3
80°	40.1
82.5°	24.0
85°	14.0
87.5°	5.9
90°	0.0



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— 0°-180°







(END OF REPORT)