

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: P844419

Luminaire Tested: **LD6C35DE010B2750 EU6C35B40 6LBWLI**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844419
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205209)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C35DE010B2750 EU6C35B40 6LBWLI
Description:
Light Source: -
Ballast/Driver:

Summary

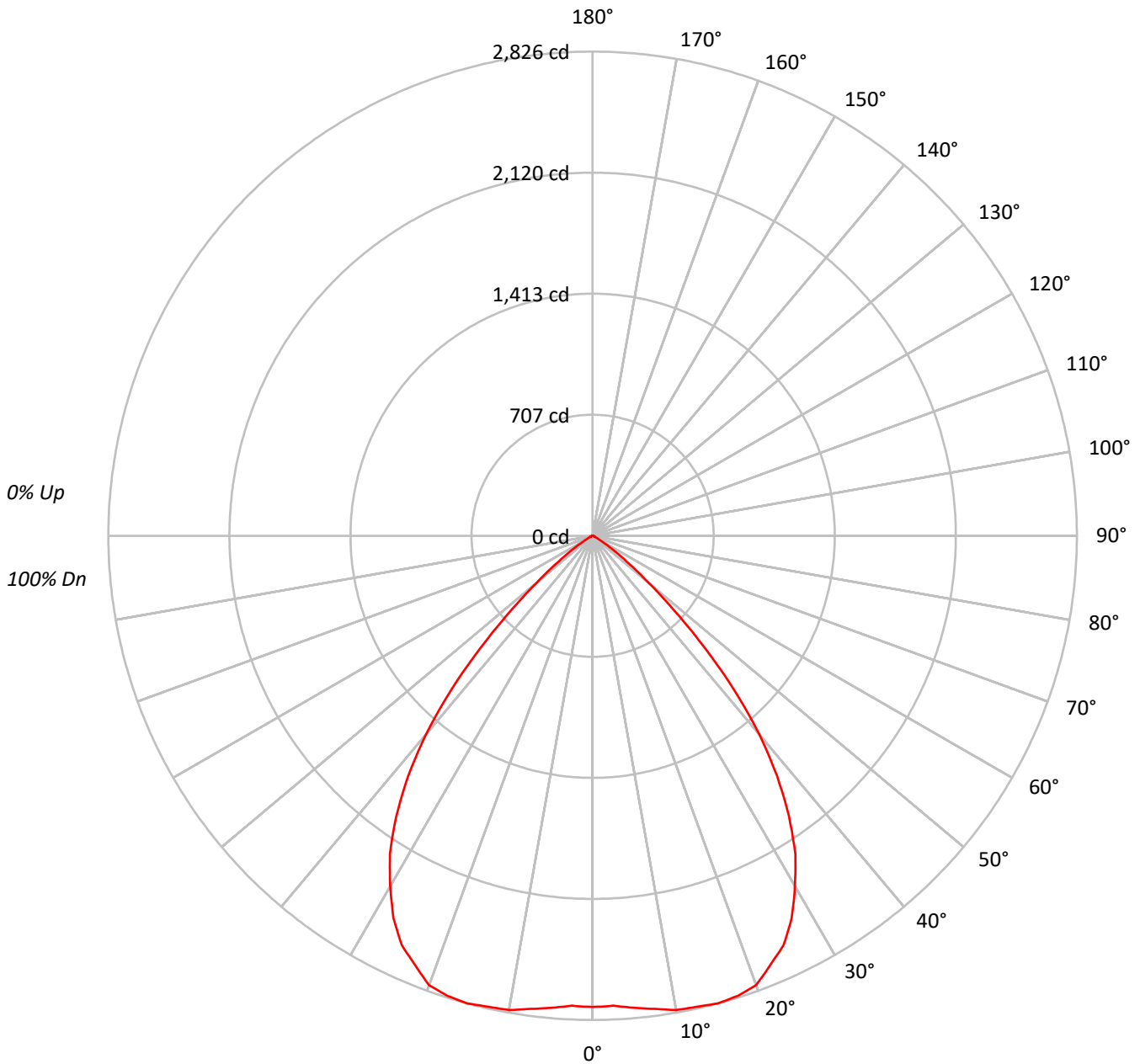
Lumens per Lamp: N/A
Luminaire Lumens: 4402.9 lumens
Efficiency: N/A
Efficacy: 105.6 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.18
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	113	110	107	104	110	107	105	103	103	101	99	100	98	97	96	95	94	92				92
2	106	101	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83				83
3	100	92	87	82	97	91	86	81	88	84	80	86	82	79	83	80	77	76				76
4	93	85	78	73	92	84	78	73	81	76	72	79	75	71	77	74	70	69				69
5	88	78	71	66	86	77	71	66	75	70	65	73	69	65	72	68	64	63				63
6	82	72	65	60	81	71	65	60	70	64	59	68	63	59	67	62	59	57				57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52				52
8	73	62	55	50	71	61	55	50	60	54	50	59	54	50	58	53	49	48				48
9	69	57	51	46	67	57	50	46	56	50	46	55	50	46	54	49	46	44				44
10	65	54	47	43	64	53	47	42	52	46	42	51	46	42	51	46	42	41				41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	150788
5°	152184
10°	156449
15°	160358
20°	162793
25°	159427
30°	149472
35°	133632
40°	108239
45°	71597
50°	36186
55°	15273
60°	4912
65°	1933
70°	1603
75°	1080
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	265.4	6.0
10°-20°	797.6	18.1
20°-30°	1202.3	27.3
30°-40°	1230.6	27.9
40°-50°	716.9	16.3
50°-60°	164.7	3.7
60°-70°	20.2	0.5
70°-80°	5.3	0.1
80°-90°	0.0	0.0
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°	2265.2	51.4
0°-40°	3495.8	79.4
0°-60°	4377.4	99.4
0°-90°	4402.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4402.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2751	
5°	2766	265
15°	2826	798
25°	2636	1202
35°	1997	1231
45°	924	717
55°	160	165
65°	15	20
75°	5	5
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2750.6
2.5°	2745.6
5°	2765.5
7.5°	2785.5
10°	2810.5
12.5°	2815.4
15°	2825.5
17.5°	2815.4
20°	2790.5
22.5°	2710.6
25°	2635.7
27.5°	2516.0
30°	2361.3
32.5°	2201.5
35°	1996.8
37.5°	1767.1
40°	1512.5
42.5°	1228.0
45°	923.5
47.5°	643.9
50°	424.3
52.5°	269.6
55°	159.8
57.5°	84.9
60°	44.8
62.5°	25.0
65°	14.9
67.5°	14.9
70°	10.0
72.5°	5.1
75°	5.1
77.5°	5.1
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)