

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: P844395

Luminaire Tested: **LD6C35DE010B35 EU6C35B35 6LBMLI**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844395
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205108)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C35DE010B35 EU6C35B35 6LBMLI
Description:
Light Source: -
Ballast/Driver:

Summary

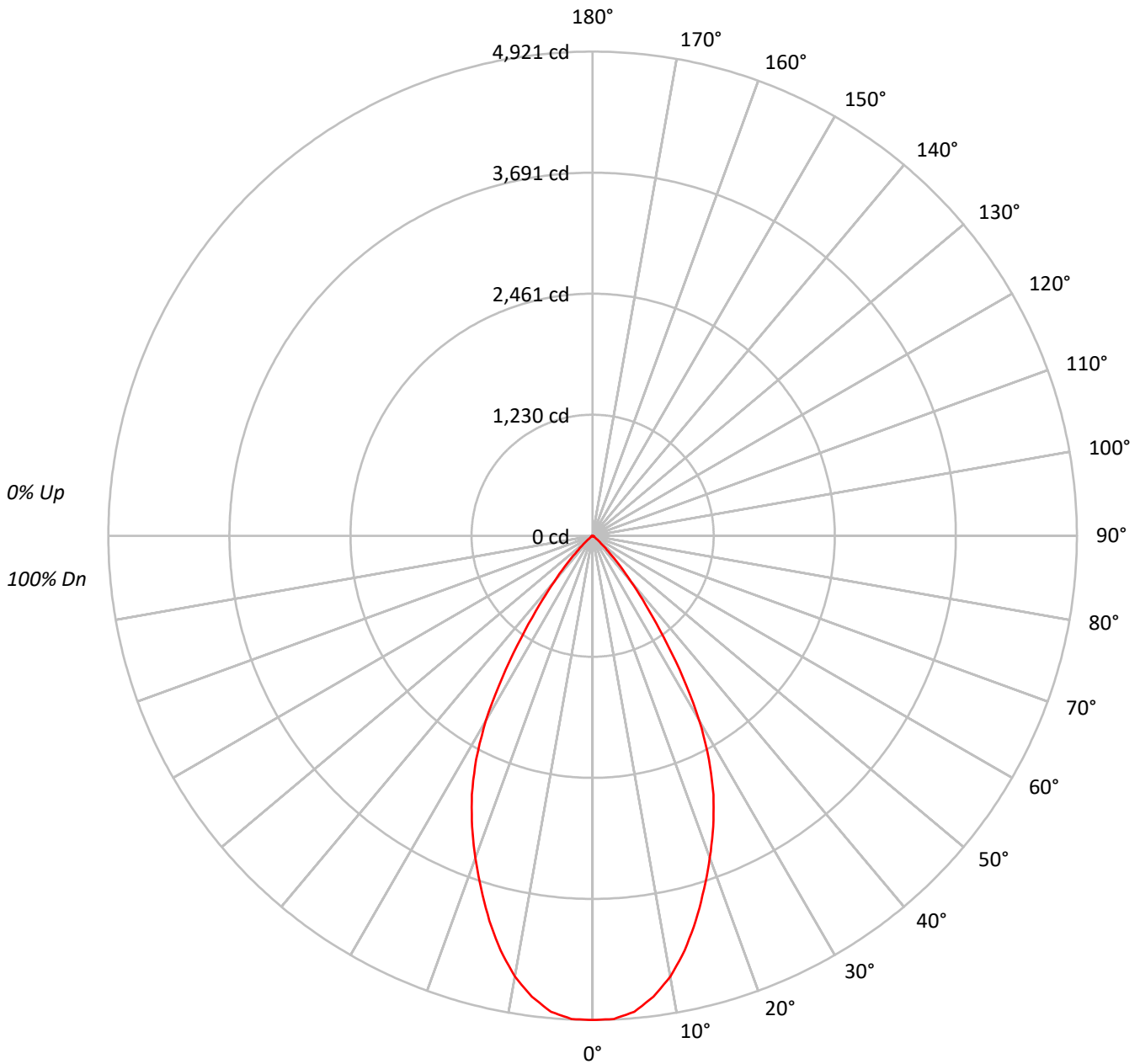
Lumens per Lamp: N/A
Luminaire Lumens: 3932.4 lumens
Efficiency: N/A
Efficacy: 94.3 lumens/watt
Spacing Criteria (0/90/45): 0.85 / 0.85 / 0.85
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P844395

CATALOG NUMBER: LD6C35DE010B35 EU6C35B35 6LBMLI

Luminous Intensity Polar Plot





TEST NUMBER: P844395

CATALOG NUMBER: LD6C35DE010B35 EU6C35B35 6LBMLI

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			
1	114	111	109	106	111	109	107	105	105	103	101	101	100	98	98	97	96	94			
2	108	103	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88			
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	85	83	82			
4	98	91	85	81	96	89	84	81	87	83	80	85	82	79	83	80	78	76			
5	93	85	79	75	91	84	79	75	82	78	74	81	77	73	79	76	73	71			
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67			
7	84	75	69	65	83	75	69	65	73	68	65	72	68	64	71	67	64	63			
8	80	71	65	61	79	70	65	61	69	64	61	68	64	60	67	63	60	59			
9	77	67	61	57	75	67	61	57	66	61	57	65	60	57	64	60	57	55			
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	269776
5°	267207
10°	253207
15°	229882
20°	203134
25°	175619
30°	137281
35°	84183
40°	43210
45°	17172
50°	5578
55°	1921
60°	1645
65°	1323
70°	817
75°	1080
80°	0
85°	0



TEST NUMBER: P844395

CATALOG NUMBER: LD6C35DE010B35 EU6C35B35 6LBMLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	453.3	11.5
10°-20°	1128.7	28.7
20°-30°	1312.0	33.4
30°-40°	803.4	20.4
40°-50°	199.6	5.1
50°-60°	23.3	0.6
60°-70°	8.8	0.2
70°-80°	3.3	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°	2894.0	73.6
0°-40°	3697.4	94.0
0°-60°	3920.3	99.7
0°-90°	3932.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3932.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4921	
5°	4856	453
15°	4050	1129
25°	2903	1312
35°	1258	803
45°	222	200
55°	20	23
65°	10	9
75°	5	3
85°	0	0
90°	0	



TEST NUMBER: P844395

CATALOG NUMBER: LD6C35DE010B35 EU6C35B35 6LBMLI

CANDELA DISTRIBUTION (FULL):

	0°
0°	4921.1
2.5°	4916.0
5°	4855.7
7.5°	4724.8
10°	4548.7
12.5°	4317.3
15°	4050.5
17.5°	3763.8
20°	3482.0
22.5°	3200.2
25°	2903.4
27.5°	2561.2
30°	2168.7
32.5°	1710.8
35°	1257.9
37.5°	885.6
40°	603.8
42.5°	377.4
45°	221.5
47.5°	125.9
50°	65.4
52.5°	30.2
55°	20.1
57.5°	15.0
60°	15.0
62.5°	10.2
65°	10.2
67.5°	5.1
70°	5.1
72.5°	5.1
75°	5.1
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)