

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: P844412

Luminaire Tested: **LD6C35DE010B40 EU6C35B40 6LBMLI**

Issue Date: 2/17/2023

Test Information

Test Method: LM-79-08
Report Number: P844412
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: LD6C35DE010B40 EU6C35B40 6LBMLI
Description:
Light Source: -
Ballast/Driver:

Summary

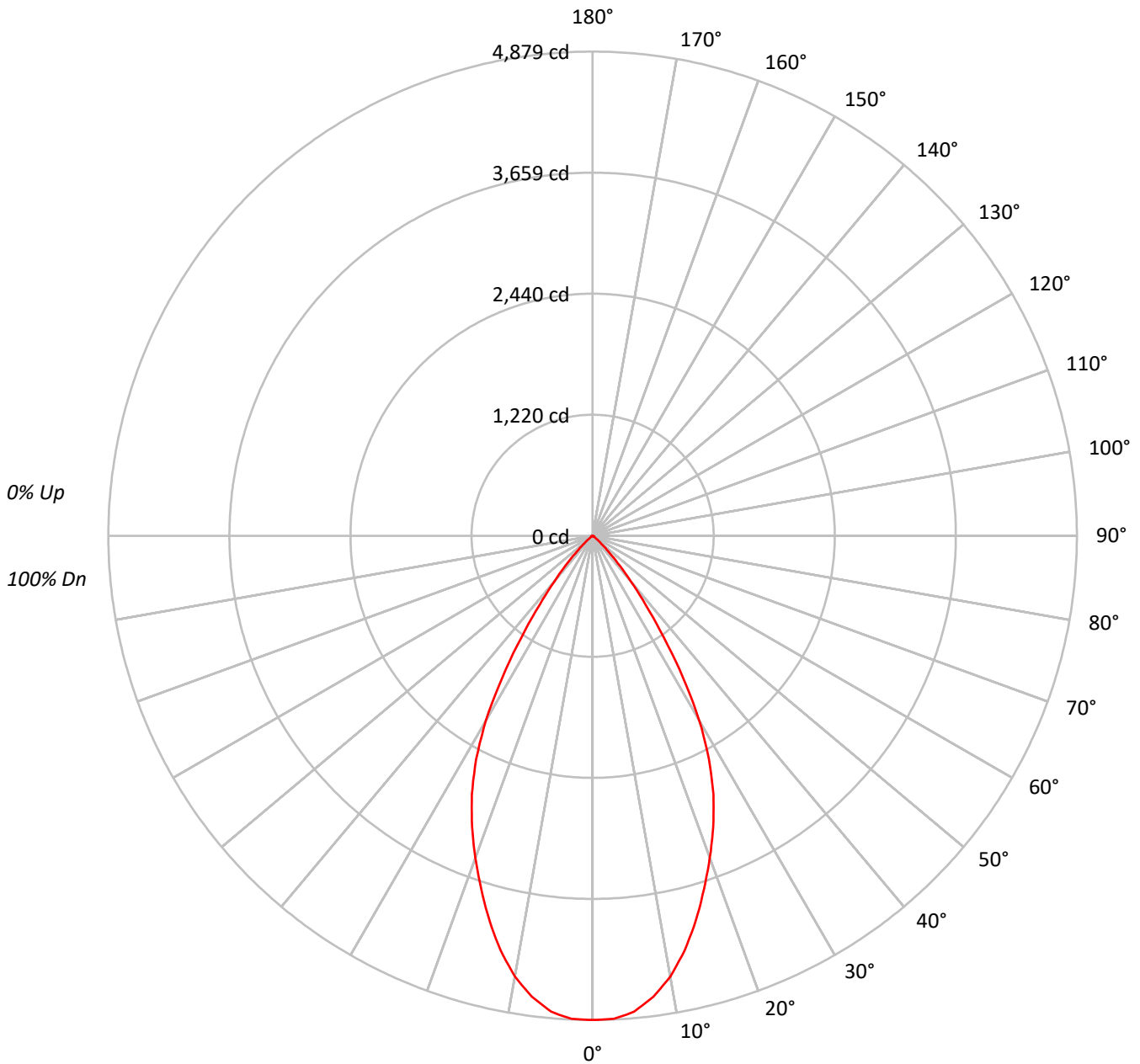
Lumens per Lamp: N/A
Luminaire Lumens: 3898.5 lumens
Efficiency: N/A
Efficacy: 93.5 lumens/watt
Spacing Criteria (0/90/45): 0.85 / 0.85 / 0.85
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot





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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°	267451
5°	264907
10°	251020
15°	227907
20°	201390
25°	174107
30°	136097
35°	83466
40°	42837
45°	17025
50°	5526
55°	1902
60°	1634
65°	1297
70°	817
75°	1080
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	449.4	11.5
10°-20°	1118.9	28.7
20°-30°	1300.7	33.4
30°-40°	796.5	20.4
40°-50°	197.8	5.1
50°-60°	23.1	0.6
60°-70°	8.6	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°	2869.1	73.6
0°-40°	3665.6	94.0
0°-60°	3886.5	99.7
0°-90°	3898.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3898.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4879	
5°	4814	449
15°	4016	1119
25°	2878	1301
35°	1247	797
45°	220	198
55°	20	23
65°	10	9
75°	5	3
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4878.7
2.5°	4873.7
5°	4813.9
7.5°	4684.2
10°	4509.4
12.5°	4280.1
15°	4015.7
17.5°	3731.3
20°	3452.1
22.5°	3172.6
25°	2878.4
27.5°	2539.2
30°	2150.0
32.5°	1696.0
35°	1247.2
37.5°	877.9
40°	598.6
42.5°	374.1
45°	219.6
47.5°	124.8
50°	64.8
52.5°	29.9
55°	19.9
57.5°	14.9
60°	14.9
62.5°	10.0
65°	10.0
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



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— 0°-180°







(END OF REPORT)