

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: P844358

Luminaire Tested: **LD6C35DE010B2750 EU6C35B27 6LBMB**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P844358
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C35DE010B2750 EU6C35B27 6LBMB
Description:
Light Source: -
Ballast/Driver:

Summary

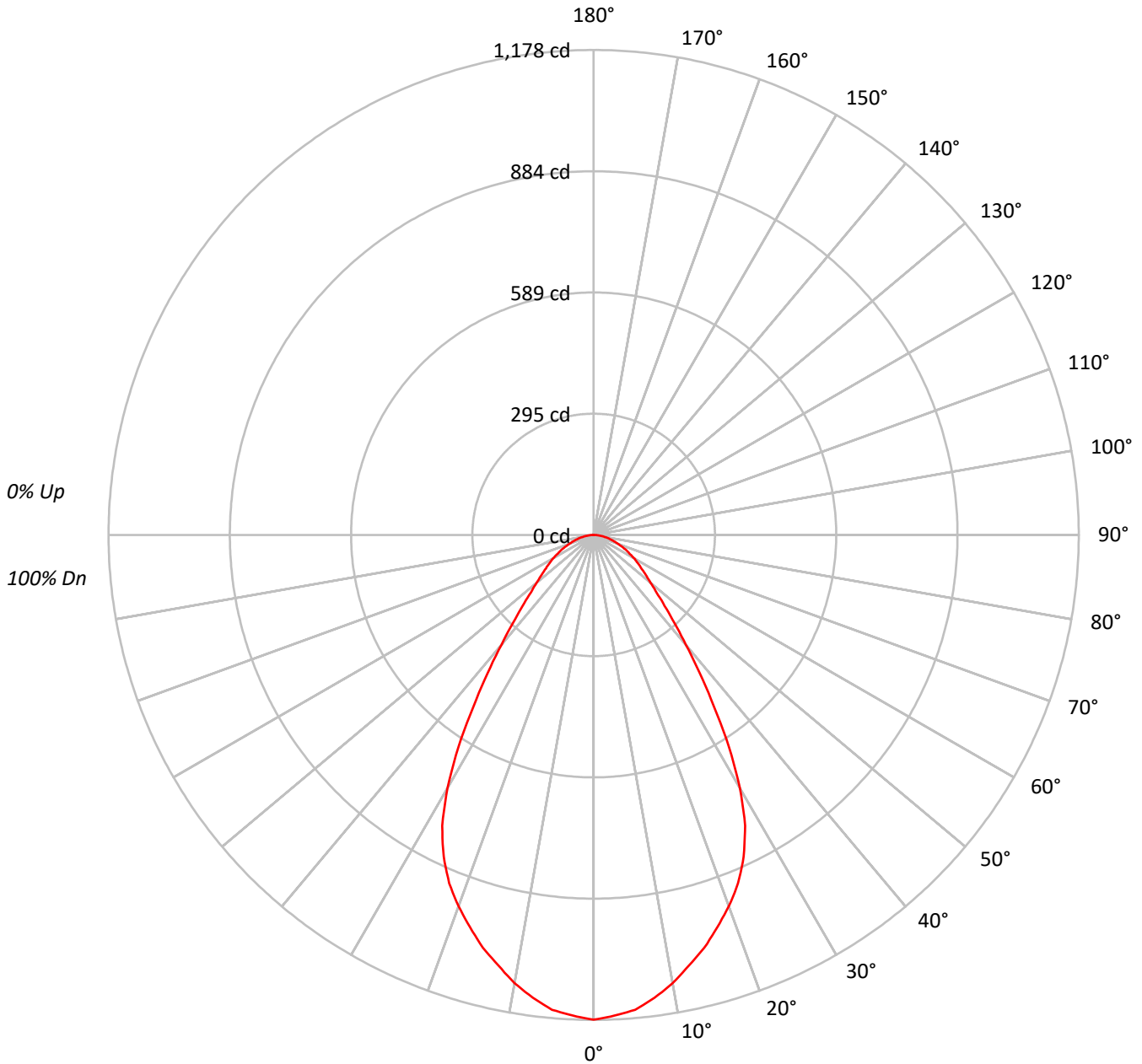
Lumens per Lamp: N/A
Luminaire Lumens: 1578.0 lumens
Efficiency: N/A
Efficacy: 37.8 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	64551
5°	63719
10°	61550
15°	58922
20°	55993
25°	52134
30°	44912
35°	34084
40°	24918
45°	18901
50°	15402
55°	13514
60°	12411
65°	11285
70°	10114
75°	9214
80°	8240
85°	6856



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.8	6.9
10°-20°	291.3	18.5
20°-30°	391.2	24.8
30°-40°	320.9	20.3
40°-50°	192.7	12.2
50°-60°	128.1	8.1
60°-70°	85.8	5.4
70°-80°	46.2	2.9
80°-90°	13.0	0.8
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°	791.3	50.1
0°-40°	1112.2	70.5
0°-60°	1433.0	90.8
0°-90°	1578.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1578.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1178	
5°	1158	109
15°	1038	291
25°	862	391
35°	509	321
45°	244	193
55°	141	128
65°	87	86
75°	44	46
85°	11	13
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1177.5
2.5°	1168.7
5°	1157.9
7.5°	1133.9
10°	1105.7
12.5°	1070.7
15°	1038.2
17.5°	998.9
20°	959.8
22.5°	916.3
25°	861.9
27.5°	796.6
30°	709.5
32.5°	611.5
35°	509.3
37.5°	422.2
40°	348.2
42.5°	289.5
45°	243.8
47.5°	206.8
50°	180.6
52.5°	158.9
55°	141.4
57.5°	126.3
60°	113.2
62.5°	97.9
65°	87.0
67.5°	74.0
70°	63.1
72.5°	52.2
75°	43.5
77.5°	34.8
80°	26.1
82.5°	19.6
85°	10.9
87.5°	4.3
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)