

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: P844403

Luminaire Tested: **LD6C35DE010B2750 EU6C35B40 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844403
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 EU6C35B40 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

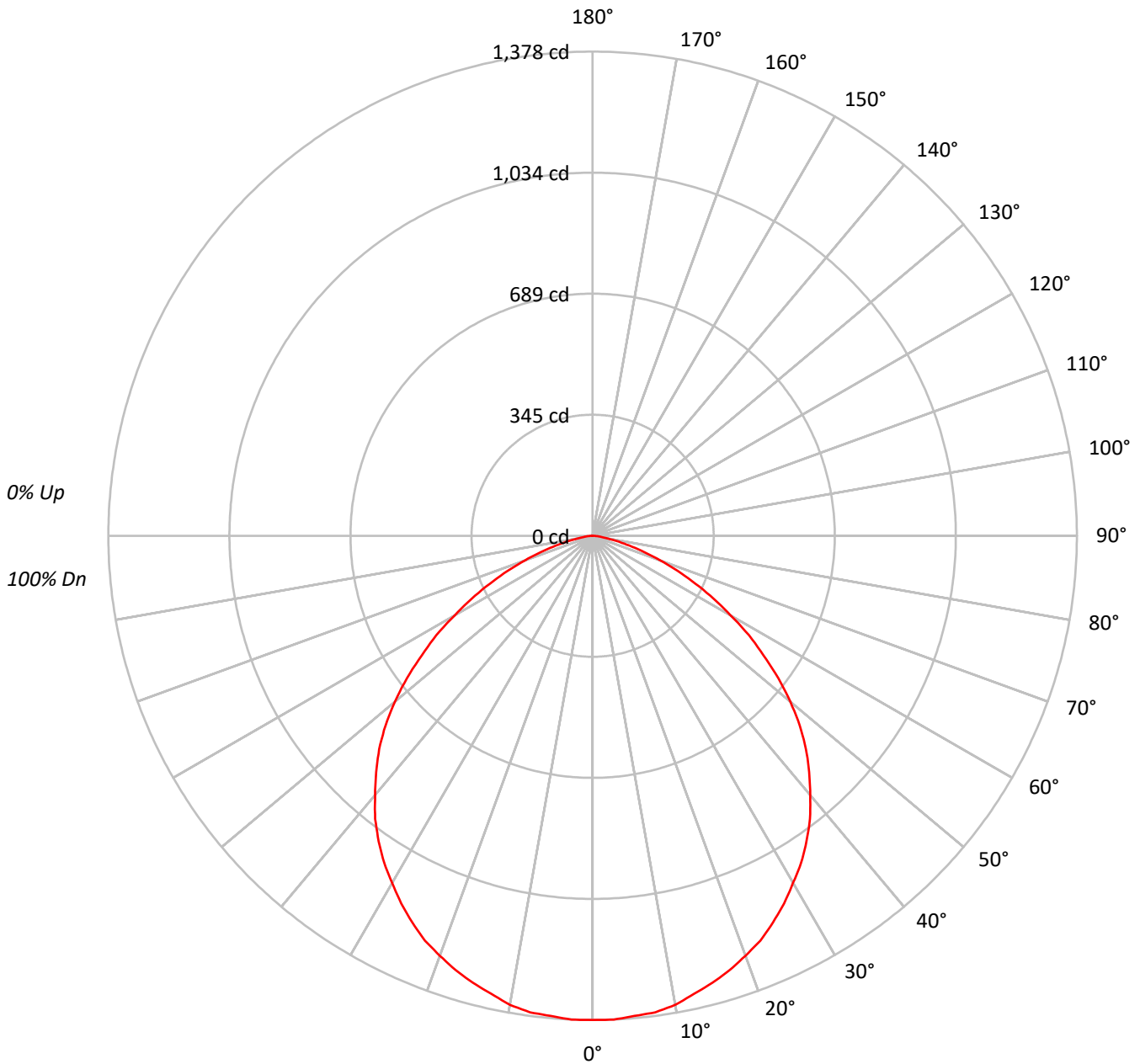
Lumens per Lamp: N/A
Luminaire Lumens: 3373.8 lumens
Efficiency: N/A
Efficacy: 80.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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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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°	75548
5°	75490
10°	75455
15°	74739
20°	74195
25°	73456
30°	72207
35°	71019
40°	68922
45°	66581
50°	62608
55°	56677
60°	49744
65°	41885
70°	32778
75°	22960
80°	12880
85°	8932



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.6	3.9
10°-20°	371.7	11.0
20°-30°	559.1	16.6
30°-40°	662.7	19.6
40°-50°	659.5	19.5
50°-60°	531.6	15.8
60°-70°	321.6	9.5
70°-80°	119.4	3.5
80°-90°	17.7	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°	1061.4	31.5
0°-40°	1724.1	51.1
0°-60°	2915.2	86.4
0°-90°	3373.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3373.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1378	
5°	1372	131
15°	1317	372
25°	1214	559
35°	1061	663
45°	859	659
55°	593	532
65°	323	322
75°	108	119
85°	14	18
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1378.1
2.5°	1378.1
5°	1371.8
7.5°	1367.8
10°	1355.5
12.5°	1334.9
15°	1316.9
17.5°	1296.2
20°	1271.8
22.5°	1247.1
25°	1214.4
27.5°	1179.7
30°	1140.7
32.5°	1104.2
35°	1061.2
37.5°	1016.3
40°	963.1
42.5°	911.7
45°	858.8
47.5°	799.4
50°	734.1
52.5°	666.4
55°	593.0
57.5°	527.4
60°	453.7
62.5°	388.5
65°	322.9
67.5°	261.7
70°	204.5
72.5°	153.5
75°	108.4
77.5°	69.5
80°	40.8
82.5°	24.4
85°	14.2
87.5°	6.0
90°	0.0



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— 0°-180°







(END OF REPORT)