

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: LUMIERE

Report Number: P253140

Luminaire Tested: **3002A-25LED3000-MFL-UNV-NBR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P253140  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P23737)  
Test Lab: INNOVATION CENTER P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 3002A-25LED3000-MFL-UNV-NBR  
Description: LUMIERE MONACO 30002 LED FIXTURE, GROUND RECESSED.  
Light Source: (7) 3000K CCT, 80 CRI LEDS  
LBA-80578XPG2-3K  
Ballast/Driver: -  
ESS030W-1000-24-CPL

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1161.6 lumens  
Efficiency: N/A  
Efficacy: 46.3 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Circular (Dia: 0.44' x H: 0')  
CIE Type: Indirect

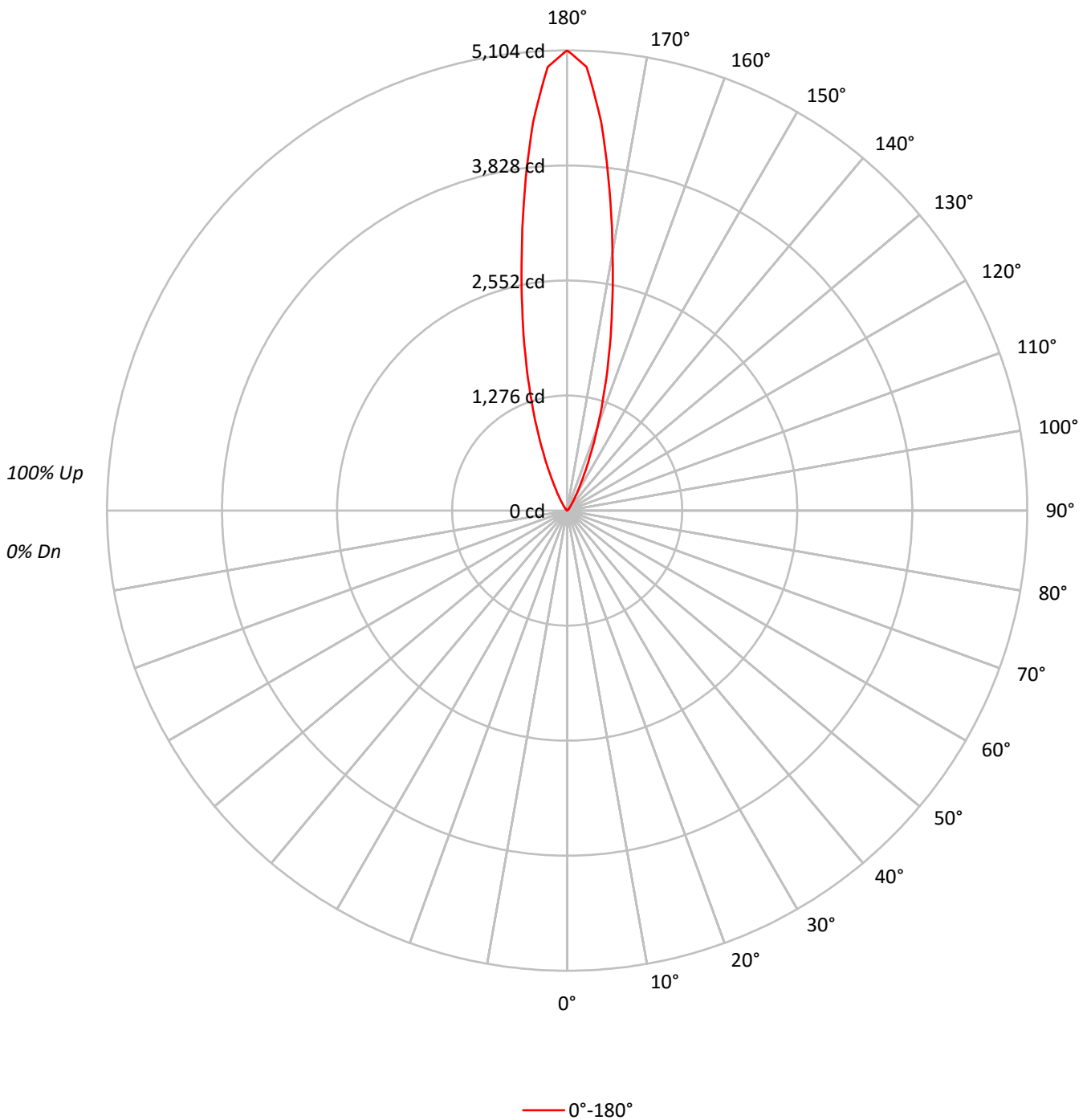
Input Watts (W): 25.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	95	95	95	95	81	81	81	81	56	56	56	32	32	32	10	10	10	0
1	87	83	79	76	74	71	68	65	48	47	45	28	27	26	9	9	8	0
2	79	72	66	62	67	62	57	53	42	40	37	24	23	22	8	7	7	0
3	72	63	57	51	61	54	49	44	37	34	31	21	20	18	7	6	6	0
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	5	5	4	0
6	55	44	36	31	47	38	32	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	17	14	11	10	4	4	3	0
8	47	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	37	27	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	0
5°	0
10°	0
15°	0
20°	0
25°	0
30°	0
35°	0
40°	0
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	0.0	0.0
10°-20°	0.0	0.0
20°-30°	0.0	0.0
30°-40°	0.0	0.0
40°-50°	0.0	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	1.0	0.1
120°-130°	4.6	0.4
130°-140°	15.6	1.3
140°-150°	56.6	4.9
150°-160°	221.8	19.1
160°-170°	495.5	42.7
170°-180°	366.4	31.5
0°-30°	0.0	0.0
0°-40°	0.0	0.0
0°-60°	0.0	0.0
0°-90°	0.0	0.0
90°-120°	1.0	0.1
90°-150°	77.9	6.7
90°-180°	1162.0	100.0
0°-180°	1161.6	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	0	
5°	0	0
15°	0	0
25°	0	0
35°	0	0
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	0
95°	0	0
105°	0	0
115°	2	1
125°	5	5
135°	18	16
145°	81	57
155°	450	222
165°	1790	496
175°	4326	366
180°	5104	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	0.0
2.5°	0.0
5°	0.0
7.5°	0.0
10°	0.0
12.5°	0.0
15°	0.0
17.5°	0.0
20°	0.0
22.5°	0.0
25°	0.0
27.5°	0.0
30°	0.0
32.5°	0.0
35°	0.0
37.5°	0.0
40°	0.0
42.5°	0.0
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0
92.5°	0.0
95°	0.0
97.5°	0.0
100°	0.0
102.5°	0.0
105°	0.0
107.5°	0.0
110°	0.0



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**CANDELA DISTRIBUTION (continued):**

	0°
112.5°	0.0
115°	1.7
117.5°	1.7
120°	1.7
122.5°	3.3
125°	5.0
127.5°	6.6
130°	9.9
132.5°	13.2
135°	18.2
137.5°	26.6
140°	38.2
142.5°	54.7
145°	81.4
147.5°	122.9
150°	187.7
152.5°	292.3
155°	450.0
157.5°	680.9
160°	984.7
162.5°	1355.0
165°	1790.1
167.5°	2294.9
170°	2892.6
172.5°	3595.1
175°	4325.7
177.5°	4926.8
180°	5104.5

(END OF REPORT)