

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: P253143

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P253143  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P23738)  
Test Lab: INNOVATION CENTER P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 3002A-25LED3000-WFL-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**

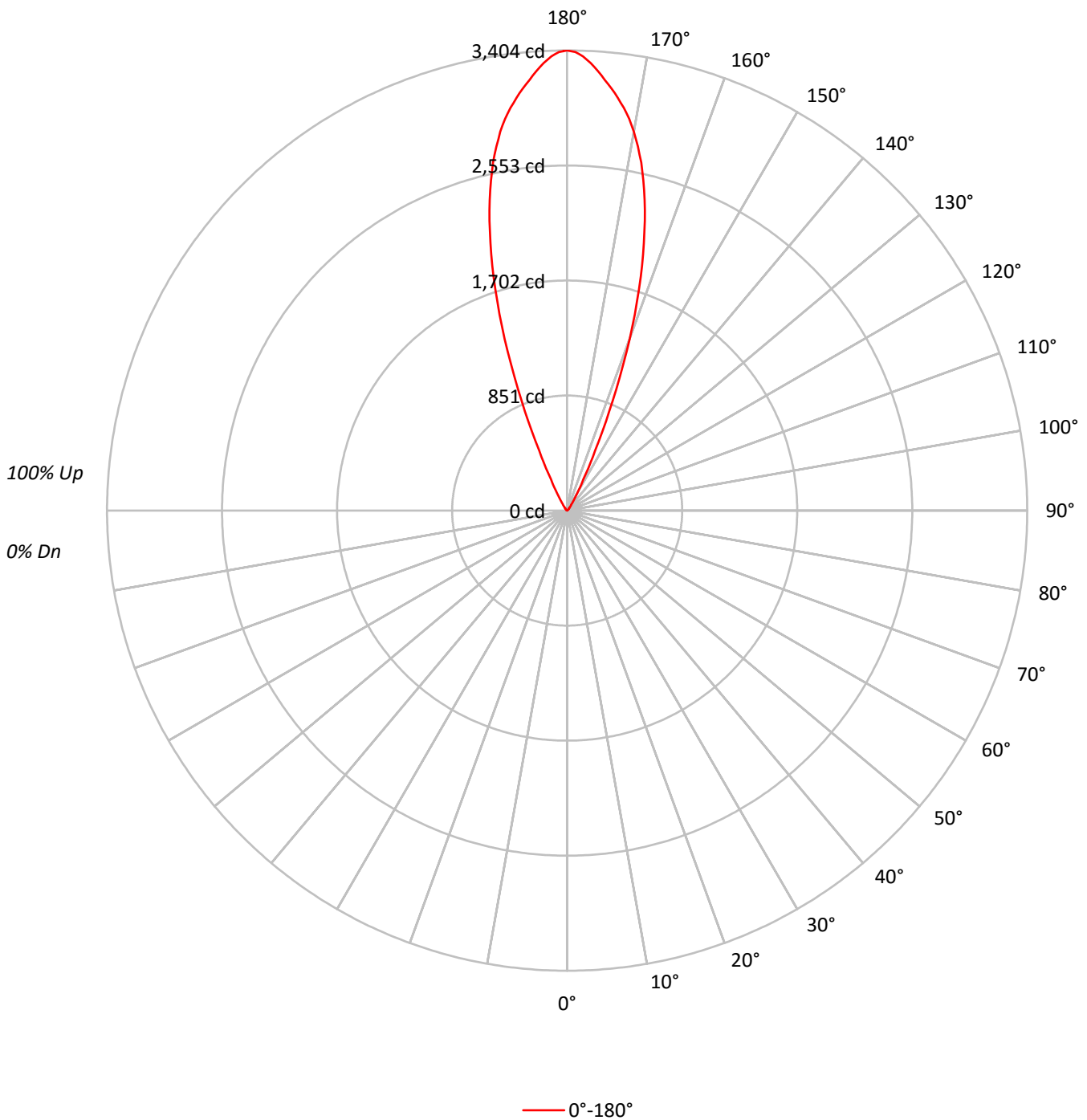
Lumens per Lamp: N/A  
Luminaire Lumens: 1205.1 lumens  
Efficiency: N/A  
Efficacy: 48.0 lumens/watt  
N/A  
Luminous Opening: Circular (Dia: 0.44' x H: 0')  
CIE Type: Indirect

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°
95°	0
100°	0
105°	0
110°	0
115°	288
120°	243
125°	624
130°	925
135°	1509
140°	2337
145°	4641
150°	12360
155°	38570
160°	102988
165°	164578
170°	206930
175°	229872



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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°	1.5	0.1
120°-130°	4.4	0.4
130°-140°	11.7	1.0
140°-150°	39.7	3.3
150°-160°	258.1	21.4
160°-170°	595.1	49.4
170°-180°	294.6	24.4
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°	1.5	0.1
90°-150°	57.2	4.8
90°-180°	1205.0	100.0
0°-180°	1205.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
90°	0	
95°	0	0
105°	0	0
115°	2	1
125°	5	4
135°	15	12
145°	53	40
155°	488	258
165°	2220	595
175°	3198	295
180°	3404	



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**CANDELA DISTRIBUTION (FULL):**

	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
112.5°	1.7
115°	1.7
117.5°	1.7
120°	1.7
122.5°	3.3
125°	5.0
127.5°	6.6
130°	8.3
132.5°	11.6
135°	14.9
137.5°	18.2
140°	25.0
142.5°	34.9
145°	53.1
147.5°	86.3
150°	149.5
152.5°	259.1
155°	488.2
157.5°	875.1
160°	1351.6
162.5°	1813.3
165°	2220.2
166°	2368.0
167°	2505.7
168°	2633.7
169°	2743.1
170°	2846.1
171°	2934.1
172°	3008.8
173°	3075.3
174°	3140.1
175°	3198.2
176°	3259.6
177°	3316.0
178°	3362.6
179°	3392.4



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CANDELA DISTRIBUTION (continued):

180°  $\left| \begin{array}{c} 0^\circ \\ \hline 3404.1 \end{array} \right.$

(END OF REPORT)