VANL-C-48-L-40 Photometric Report

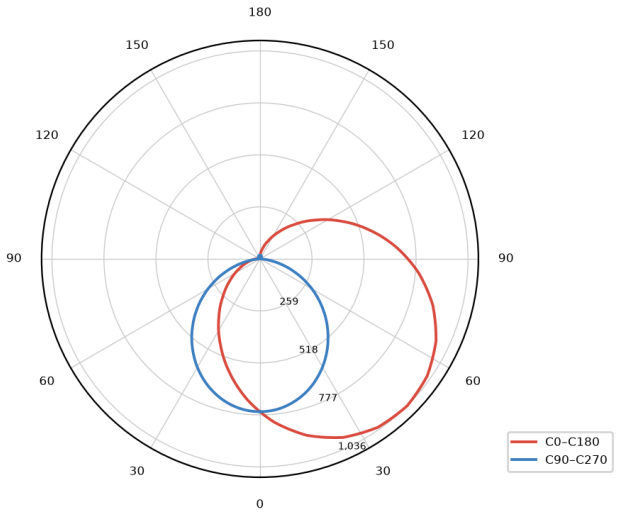
LAMAR LED | Photometric distribution file **VANL-C-48-L-40.ies**

Luminaire data	
Catalog	VANL-C-48-L-40
Description	Vandal Resistant Corner Mount LED Luminaire
Source test / lab	G005332.001
Source test date	10/03/2022
Input power	26 W
Total luminaire lumens	3,550 lm
Efficacy	136.5 lm/W
Max candela	1,036 cd at γ 45°, C 0°
Luminous opening	0.31 × 3.90 × 0.31 ft (W × L × H)
Output grid	181 V (0–180°) × 73 H (0–360°)

Zonal lumen summary

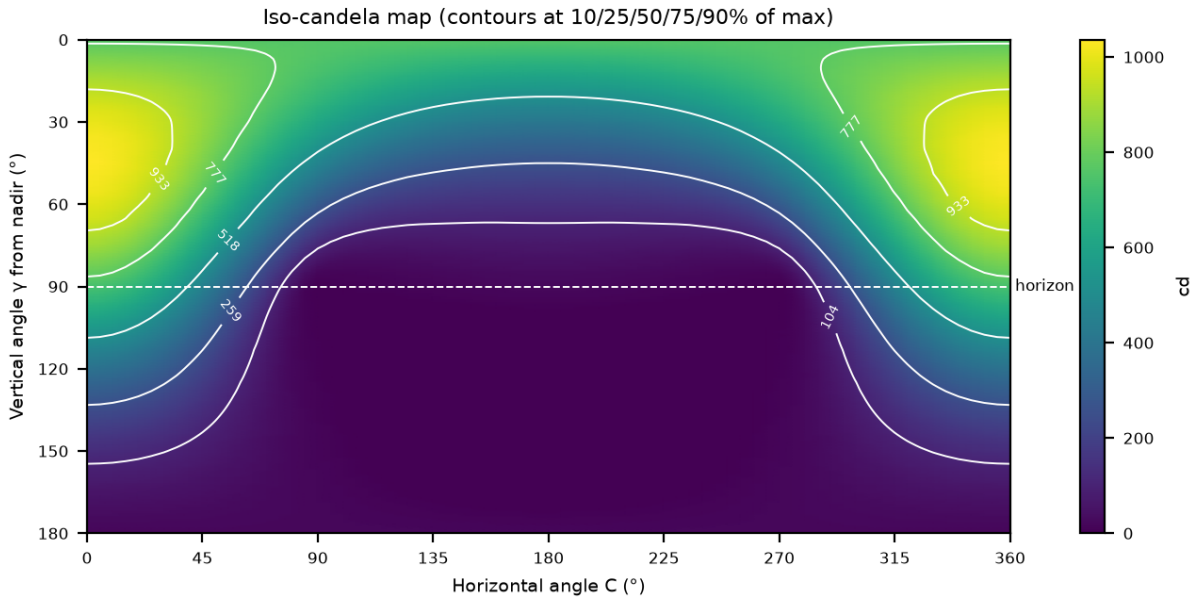
Zone	Lumens	% Luminaire
0–30°	600	16.9
0–40°	998	28.1
0–60°	1,866	52.6
0–90°	2,873	80.9
90–180°	677	19.1
0–180°	3,550	100.0

Polar candela distribution



Candela, Type C photometry, 0° = nadir.

Iso-candela distribution



Candela tabulation

γ \ C	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°	330°
0°	762	762	762	762	762	762	762	762	762	762	762	762
5°	817	808	786	757	730	712	706	712	731	757	786	808
10°	864	847	803	745	694	658	646	658	694	745	804	847
15°	911	882	811	724	650	602	586	602	651	725	812	882
20°	946	909	812	697	602	545	527	545	603	698	813	910
25°	982	929	806	663	550	488	468	488	551	664	808	930
30°	1,003	944	794	623	496	431	413	432	497	624	795	945
35°	1,024	948	772	577	441	376	358	376	441	578	774	950
40°	1,030	949	747	527	384	323	308	323	384	528	749	951
45°	1,036	939	716	474	328	274	259	274	328	475	718	940
50°	1,027	926	679	418	273	226	219	227	274	419	680	927
55°	1,017	901	639	359	220	186	178	186	221	360	642	903
60°	992	874	594	299	172	147	145	148	172	299	595	876
65°	968	838	548	237	128	115	113	115	128	237	548	840
70°	929	799	495	176	89	86	89	86	89	176	496	800
75°	891	755	442	117	58	62	64	62	58	116	443	756
80°	842	706	388	63	35	44	48	43	35	63	390	708
85°	793	656	337	21	19	28	31	28	19	21	338	657
90°	737	603	289	1	10	18	21	18	10	3	289	604
95°	680	550	245	2	2	8	12	8	2	2	247	552
100°	621	497	209	2	0	0	0	0	0	2	210	498
105°	561	446	179	3	0	0	0	0	0	4	181	447
110°	503	396	155	4	0	0	0	0	0	5	156	397
115°	445	349	134	5	0	0	0	0	0	6	136	350
120°	391	305	118	7	0	0	0	0	0	7	119	305
125°	337	264	103	8	0	0	0	0	0	9	103	265
130°	290	225	91	10	0	0	0	0	0	10	92	225
135°	242	191	79	11	0	0	0	0	0	11	80	192
140°	203	159	70	12	0	0	0	0	0	13	70	159
145°	164	132	61	14	0	0	0	0	0	14	62	132
150°	133	106	53	15	0	0	0	0	0	15	53	106
155°	102	85	46	16	0	0	0	0	0	16	46	85
160°	79	66	40	17	0	0	0	0	0	17	40	66
165°	57	50	33	17	5	0	0	0	5	18	33	50
170°	42	38	27	18	10	3	0	3	10	18	27	38
175°	27	26	23	18	14	11	10	11	14	18	23	26
180°	18	18	18	18	18	18	18	18	18	18	18	18

Full 181×73 candela grid (0–180° vertical, 0–360° horizontal) is provided in VANL-C-48-L-40.ies.