

NLC48LB40 Photometric Report

LAMAR LIGHTING CO., INC. | Photometric distribution file NLC48LB40.ies

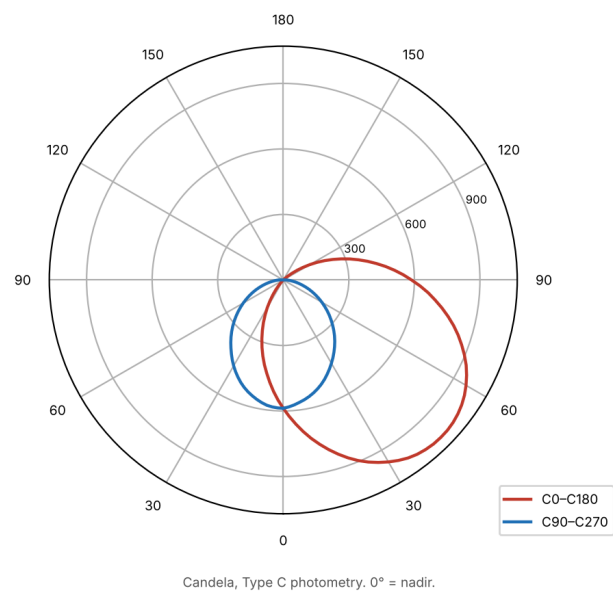
Luminaire data

Catalog	NLC48LB40
Source test / lab	8,389P25 / CSA Group
Source test date	11/29/2015 12:51:42 AM
Input power	24.21 W @ 120.00 V
Total luminaire lumens	2,455 lm
Efficacy	101.4 lm/W
Max candela	1,021 cd at γ 42.5°, C 355°
Output grid	73 V (0–180°) × 73 H (0–360°)

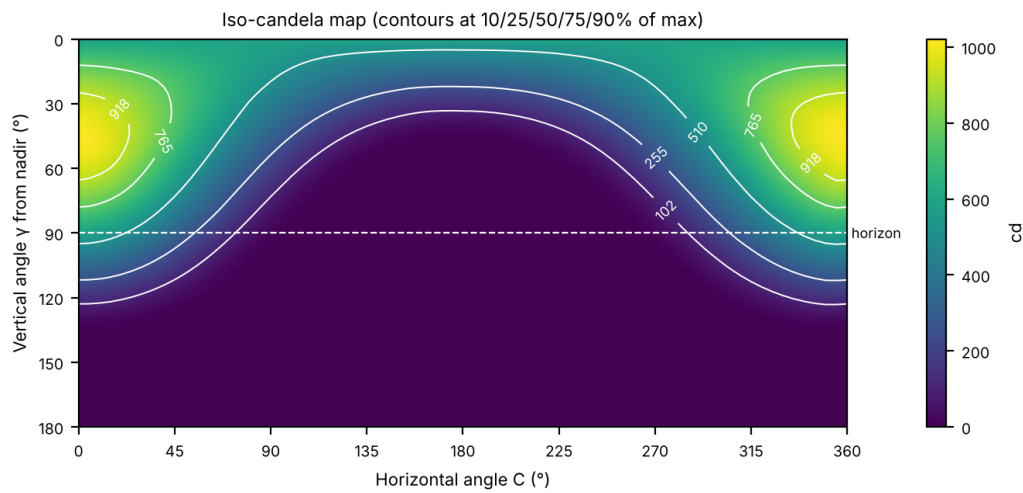
Zonal lumen summary

Zone	Lumens	% Luminaire
0–30°	454	18.5
0–40°	747	30.4
0–60°	1,383	56.3
0–90°	2,153	87.7
90–180°	302	12.3
0–180°	2,455	100.0

Polar candela distribution



Iso-candela distribution



Candela tabulation

$\gamma \backslash C$	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°	330°
0°	588	588	588	588	588	588	588	588	588	588	588	588
5°	663	647	614	574	539	516	512	521	547	584	622	652
10°	737	702	635	557	487	444	435	451	500	570	648	713
15°	805	753	652	535	437	373	361	384	449	549	664	766
20°	867	797	658	509	385	303	287	316	397	523	675	809
25°	920	829	656	476	332	237	215	248	344	491	675	847
30°	962	851	647	441	280	172	146	184	290	454	665	874
35°	995	865	631	404	228	112	83	122	237	414	645	889
40°	1,014	873	610	367	176	59	30	67	186	374	617	890
45°	1,020	867	581	327	128	19	1	26	138	334	587	881
50°	1,015	851	549	286	84	3	0	4	94	293	553	861
55°	997	824	513	245	48	0	0	0	56	252	516	830
60°	966	788	473	204	20	0	0	0	27	211	478	790
65°	924	744	433	164	6	0	0	0	8	172	435	746
70°	869	694	390	125	0	0	0	0	0	134	392	696
75°	807	639	346	89	0	0	0	0	0	98	349	639
80°	737	580	301	58	0	0	0	0	0	66	306	581
85°	665	519	255	31	0	0	0	0	0	39	260	522
90°	587	456	208	16	0	0	0	0	0	22	215	458
95°	511	393	162	0	0	0	0	0	0	0	169	396
100°	433	328	117	0	0	0	0	0	0	0	126	334
105°	357	264	76	0	0	0	0	0	0	0	84	270
110°	282	201	40	0	0	0	0	0	0	0	49	209
115°	210	139	16	0	0	0	0	0	0	0	23	149
120°	141	83	0	0	0	0	0	0	0	0	0	92
125°	78	35	0	0	0	0	0	0	0	0	0	43
130°	25	7	0	0	0	0	0	0	0	0	0	11
135°	0	0	0	0	0	0	0	0	0	0	0	0
140°	0	0	0	0	0	0	0	0	0	0	0	0
145°	0	0	0	0	0	0	0	0	0	0	0	0
150°	0	0	0	0	0	0	0	0	0	0	0	0
155°	0	0	0	0	0	0	0	0	0	0	0	0
160°	0	0	0	0	0	0	0	0	0	0	0	0
165°	0	0	0	0	0	0	0	0	0	0	0	0
170°	0	0	0	0	0	0	0	0	0	0	0	0
175°	0	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0	0

Full 73×73 candela grid (0–180° vertical, 0–360° horizontal) is provided in NLC48LB40.ies.