

NLC48MB40 Photometric Report

LAMAR LIGHTING CO., INC. | Photometric distribution file **NLC48MB40.ies**

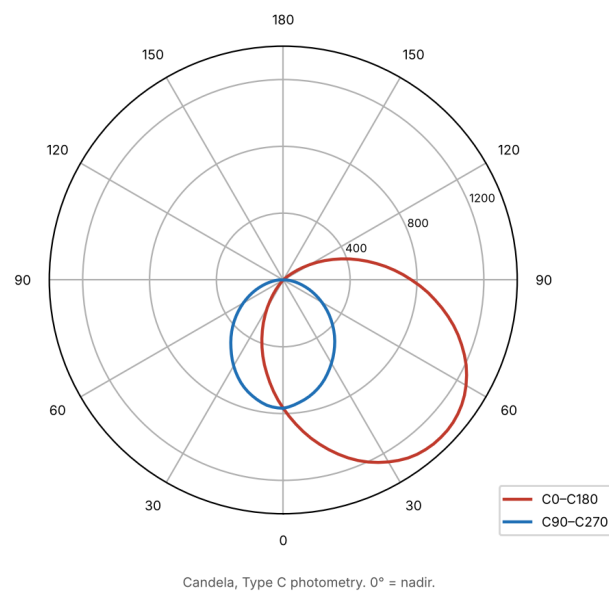
Luminaire data

Catalog	NLC48MB40
Source test / lab	8,389P / CSA Group
Source test date	10/29/2015 11:51:52 AM
Input power	33.02 W @ 120.00 V
Total luminaire lumens	3,210 lm
Efficacy	97.2 lm/W
Max candela	1,335 cd at γ 42.5°, C 355°
Output grid	73 V (0–180°) × 73 H (0–360°)

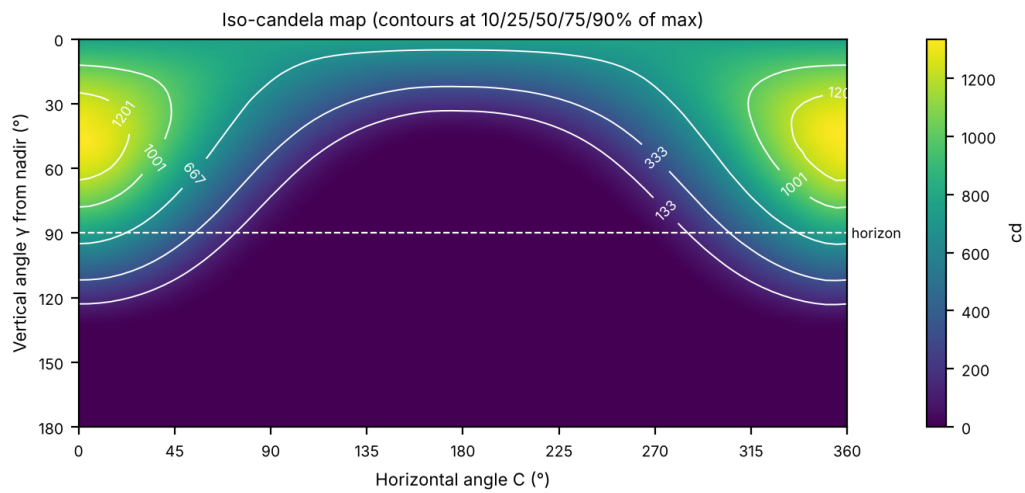
Zonal lumen summary

Zone	Lumens	% Luminaire
0–30°	593	18.5
0–40°	977	30.4
0–60°	1,808	56.3
0–90°	2,815	87.7
90–180°	395	12.3
0–180°	3,210	100.0

Polar candela distribution



Iso-candela distribution



Candela tabulation

$\gamma \setminus C$	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°	330°
0°	769	769	769	769	769	769	769	769	769	769	769	769
5°	867	846	803	751	705	675	670	681	715	763	813	852
10°	963	917	831	728	636	581	568	590	654	746	847	932
15°	1,052	984	852	700	571	487	472	502	587	718	868	1,001
20°	1,134	1,042	860	665	503	396	375	413	519	684	883	1,058
25°	1,203	1,084	857	622	434	310	281	324	450	642	882	1,107
30°	1,258	1,113	846	576	366	225	191	240	380	594	869	1,143
35°	1,301	1,131	825	529	298	146	108	159	310	541	843	1,163
40°	1,325	1,141	797	479	231	78	39	88	244	489	807	1,164
45°	1,333	1,134	760	427	168	25	1	34	180	436	768	1,151
50°	1,327	1,113	717	374	110	4	0	5	122	383	724	1,126
55°	1,303	1,078	670	320	63	0	0	0	73	329	675	1,086
60°	1,263	1,030	619	266	26	0	0	0	35	276	625	1,033
65°	1,207	973	566	214	8	0	0	0	10	225	569	976
70°	1,136	908	510	164	0	0	0	0	0	176	512	909
75°	1,055	836	452	116	0	0	0	0	0	128	457	835
80°	964	759	393	75	0	0	0	0	0	86	400	760
85°	869	678	333	41	0	0	0	0	0	52	340	682
90°	767	596	272	21	0	0	0	0	0	29	281	599
95°	668	514	211	0	0	0	0	0	0	0	222	517
100°	566	429	153	0	0	0	0	0	0	0	164	437
105°	467	345	99	0	0	0	0	0	0	0	110	353
110°	369	262	52	0	0	0	0	0	0	0	63	273
115°	275	182	21	0	0	0	0	0	0	0	29	195
120°	184	108	0	0	0	0	0	0	0	0	0	120
125°	101	46	0	0	0	0	0	0	0	0	0	57
130°	33	9	0	0	0	0	0	0	0	0	0	15
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 NLC48MB40.ies.