

NLC48HB40 Photometric Report

LAMAR LIGHTING CO., INC. | Photometric distribution file **NLC48HB40.ies**

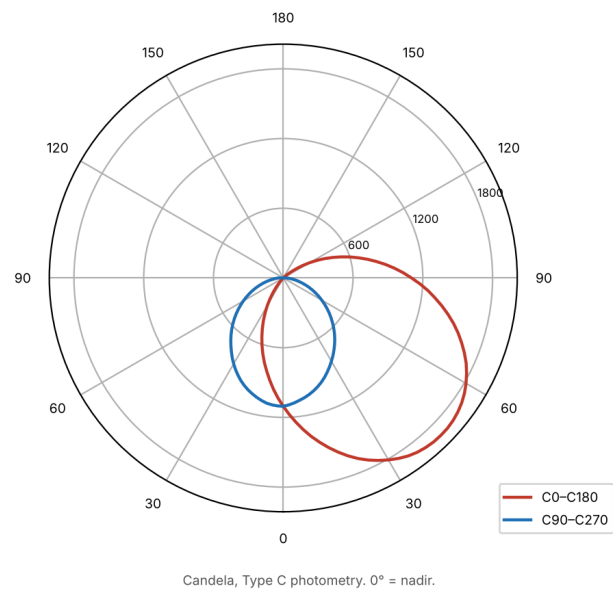
Luminaire data

Catalog	NLC48HB40
Source test / lab	8,389P26 / CSA Group
Source test date	11/30/2015 01:11:31 PM
Input power	51.62 W @ 120.00 V
Total luminaire lumens	4,614 lm
Efficacy	89.4 lm/W
Max candela	1,919 cd at γ 42.5°, C 355°
Output grid	73 V (0–180°) × 73 H (0–360°)

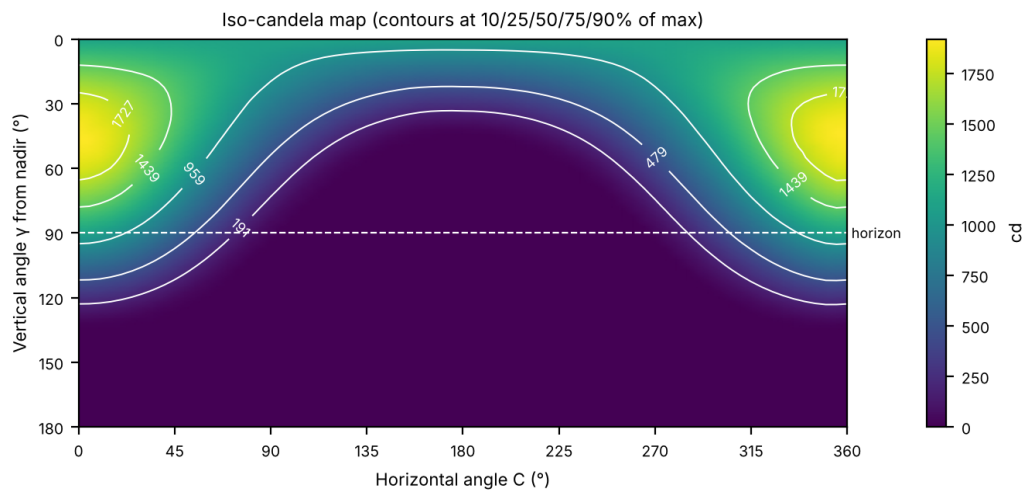
Zonal lumen summary

Zone	Lumens	% Luminaire
0–30°	853	18.5
0–40°	1,404	30.4
0–60°	2,599	56.3
0–90°	4,046	87.7
90–180°	568	12.3
0–180°	4,614	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°	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105	1,105
5°	1,246	1,215	1,154	1,080	1,013	970	963	979	1,028	1,097	1,169	1,225
10°	1,385	1,318	1,194	1,047	915	835	817	849	940	1,072	1,218	1,340
15°	1,512	1,415	1,225	1,006	821	700	679	722	844	1,032	1,248	1,439
20°	1,630	1,499	1,236	956	723	570	538	594	746	984	1,269	1,521
25°	1,729	1,558	1,232	894	624	445	404	465	647	923	1,268	1,592
30°	1,809	1,599	1,215	828	526	323	275	345	546	853	1,249	1,643
35°	1,871	1,625	1,187	760	428	210	155	229	446	778	1,212	1,671
40°	1,905	1,641	1,146	689	332	111	56	126	350	702	1,160	1,673
45°	1,916	1,630	1,092	614	241	36	1	48	259	627	1,103	1,655
50°	1,907	1,599	1,031	537	159	6	0	8	176	551	1,040	1,618
55°	1,874	1,549	963	460	90	0	0	0	105	474	971	1,561
60°	1,815	1,481	890	383	37	0	0	0	50	397	898	1,485
65°	1,736	1,398	813	307	11	0	0	0	15	323	818	1,403
70°	1,632	1,305	734	236	0	0	0	0	0	252	736	1,307
75°	1,517	1,202	650	167	0	0	0	0	0	184	657	1,201
80°	1,385	1,090	566	108	0	0	0	0	0	124	575	1,092
85°	1,250	975	479	59	0	0	0	0	0	74	488	980
90°	1,103	857	391	31	0	0	0	0	0	41	403	860
95°	960	738	304	0	0	0	0	0	0	0	318	744
100°	814	617	220	0	0	0	0	0	0	0	236	628
105°	671	497	143	0	0	0	0	0	0	0	159	508
110°	530	377	75	0	0	0	0	0	0	0	91	392
115°	395	261	30	0	0	0	0	0	0	0	42	280
120°	265	155	0	0	0	0	0	0	0	0	0	173
125°	146	66	0	0	0	0	0	0	0	0	0	82
130°	48	13	0	0	0	0	0	0	0	0	0	22
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 NLC48HB40.ies.