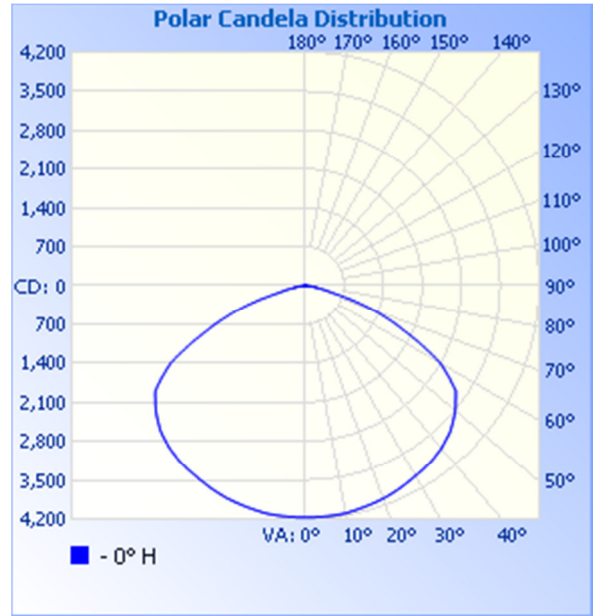


Manufacturer: Second Sun Inc.
Luminaire: Aluminum housing, no lens
Luminaire Cat: LB100OR
Lamp: 90 white LEDs
Ballast Desc: None
Lamp Output: Total luminaire Lumens: 14400.1
Max Candela: 4167.0 at Horizontal: 0
Input Wattage: 109
Luminous Opening: Circular (Dia: 15.25")
Test Lab: Internal Lab
Photometry : Type C
CIE Class: Direct
Cutoff Class: Cutoff

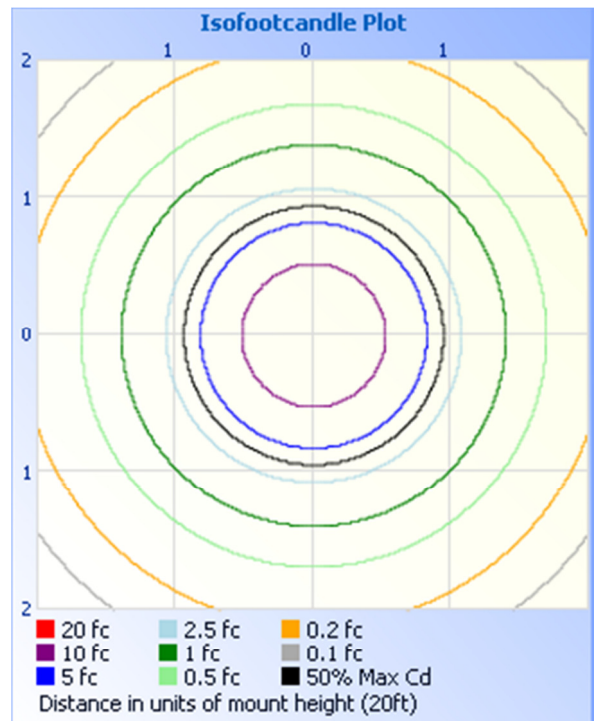
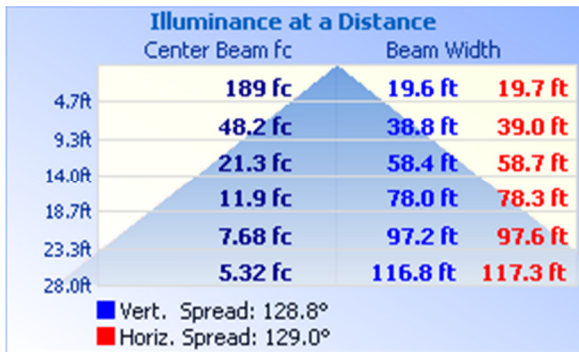


Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-5	99.6	0.7%	90-95	8.2	0.1%
5-10	297.7	2.1%	95-100	2.7	0%
10-15	490.7	3.4%	100-105	0	0%
15-20	675.2	4.7%	105-110	0	0%
20-25	849.0	5.9%	110-115	0	0%
25-30	1,008.3	7.0%	115-120	0	0%
30-35	1,154.8	8.0%	120-125	0	0%
35-40	1,284.0	8.9%	125-130	0	0%
40-45	1,386.8	9.6%	130-135	0	0%
45-50	1,453.9	10.1%	135-140	0	0%
50-55	1,479.2	10.3%	140-145	0	0%
55-60	1,408.8	9.8%	145-150	0	0%
60-65	1,166.5	8.1%	150-155	0	0%
65-70	835.1	5.8%	155-160	0	0%
70-75	478.0	3.3%	160-165	0	0%
75-80	199.0	1.4%	165-170	0	0%
80-85	87.8	0.6%	170-175	0	0%
85-90	34.8	0.2%	175-180	0	0%

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	3,420.6	23.8%
0-40	5,859.4	40.7%
0-60	11,588.2	80.5%
60-90	2,801.2	19.5%
70-100	810.6	5.6%
90-120	10.9	0.1%
0-90	14,389.3	99.9%
90-180	10.9	0.1%
0-180	14,400.3	100%



IES files available