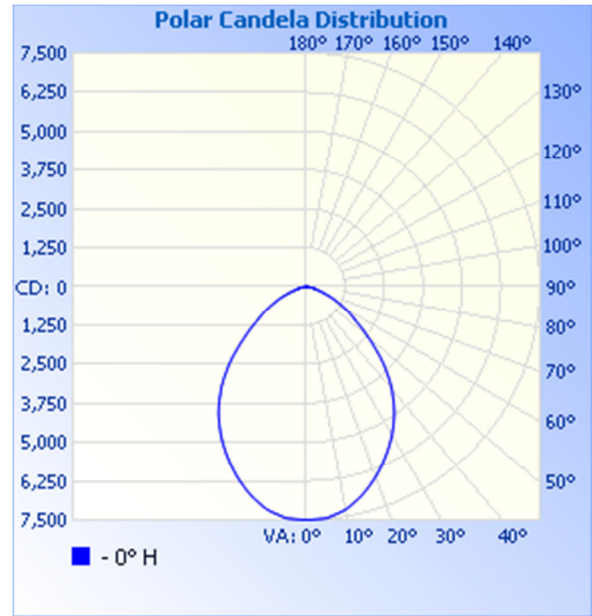


Manufacturer: Second Sun Inc.
Luminaire: Aluminum housing, no lens
Luminaire Cat: HB100OR
Lamp: 90 white LEDs
Ballast Desc: None
Lamp Output: Total luminaire Lumens: 14400.1
Max Candela: 7,496.0 at Horizontal: 0
Input Wattage: 109
Luminous Opening: Circular (Dia: 15.25")
Test Lab: Internal Lab
Photometry : Type C
CIE Class: Direct
Cutoff Class: Cutoff

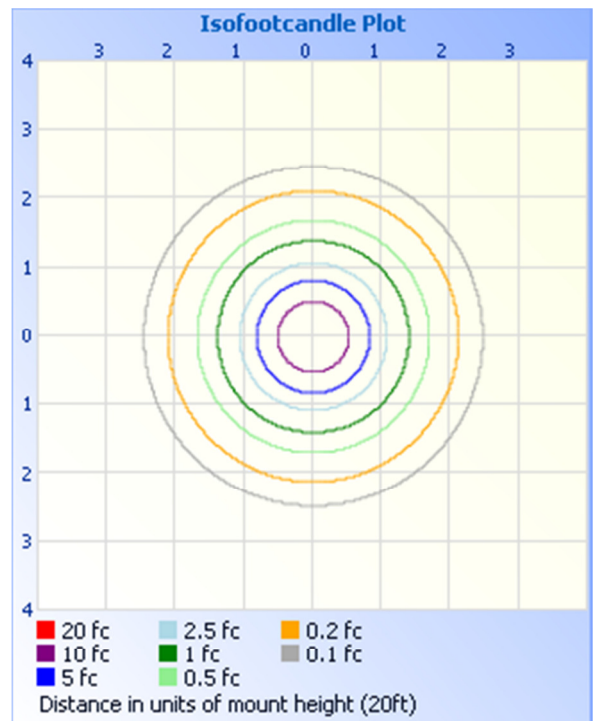
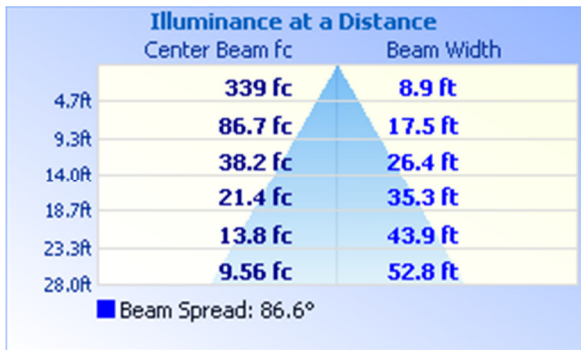


Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-5	178.7	1.2%	90-95	0.2	0%
5-10	526.6	3.7%	95-100	0	0%
10-15	841.4	5.8%	100-105	0	0%
15-20	1,105.5	7.7%	105-110	0	0%
20-25	1,311.0	9.1%	110-115	0	0%
25-30	1,454.7	10.1%	115-120	0	0%
30-35	1,532.6	10.6%	120-125	0	0%
35-40	1,530.4	10.6%	125-130	0	0%
40-45	1,432.7	9.9%	130-135	0	0%
45-50	1,236.6	8.6%	135-140	0	0%
50-55	994.4	6.9%	140-145	0	0%
55-60	784.3	5.4%	145-150	0	0%
60-65	596.7	4.1%	150-155	0	0%
65-70	403.1	2.8%	155-160	0	0%
70-75	239.0	1.7%	160-165	0	0%
75-80	140.8	1.0%	165-170	0	0%
80-85	72.6	0.5%	170-175	0	0%
85-90	18.8	0.1%	175-180	0	0%

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	5,417.9	37.6%
0-40	8,480.9	58.9%
0-60	12,928.8	89.8%
60-90	1,471.0	10.2%
70-100	471.4	3.3%
90-120	0.2	0%
0-90	14,399.9	100%
90-180	0.2	0%
0-180	14,400.1	100%



IES files available