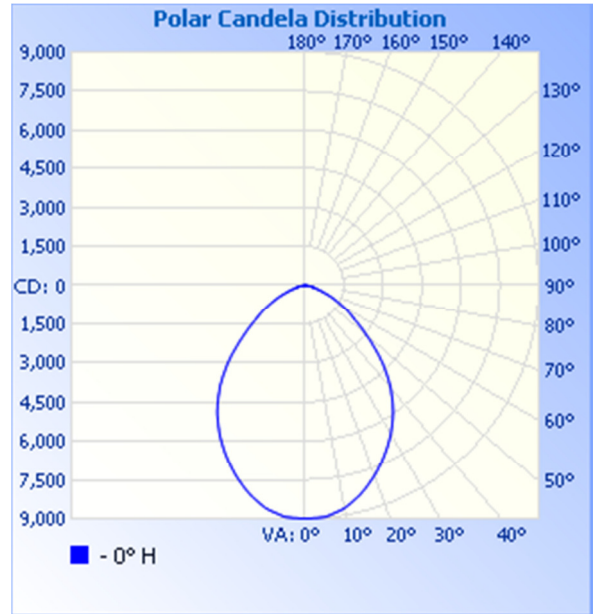


Manufacturer: Second Sun Inc  
 Luminaire: Aluminum housing, no lens  
 Luminaire Cat: HB120OR  
 Lamp: 108 white LEDs **Flat panel**  
 Ballast Desc: None  
 Lamp Output: Total luminaire Lumens: 17280.3  
 Max Candela: 7,764.0 at Horizontal: 0°  
 Input Wattage: 127  
 Luminous Opening: Circular (Dia: 15.25")  
 Test Lab: Internal Lab  
 Photometry: Type C  
 CIE Class: Direct  
 Cutoff Class: Cutoff

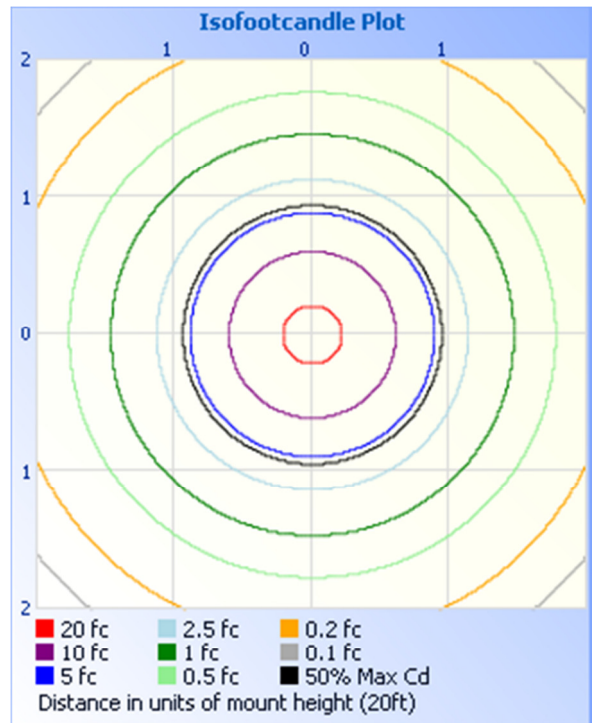
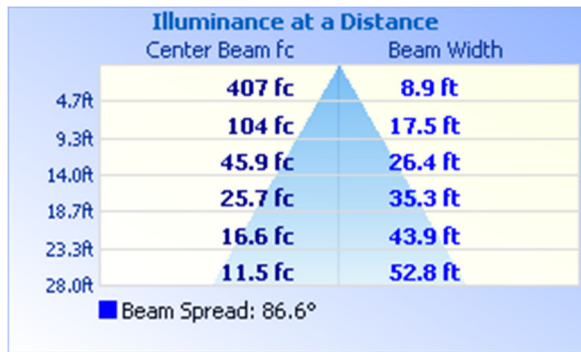


#### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-5	214.5	1.2%	90-95	0.3	0%
5-10	631.9	3.7%	95-100	0	0%
10-15	1,009.7	5.8%	100-105	0	0%
15-20	1,326.6	7.7%	105-110	0	0%
20-25	1,573.2	9.1%	110-115	0	0%
25-30	1,745.7	10.1%	115-120	0	0%
30-35	1,839.1	10.6%	120-125	0	0%
35-40	1,836.4	10.6%	125-130	0	0%
40-45	1,719.3	9.9%	130-135	0	0%
45-50	1,483.9	8.6%	135-140	0	0%
50-55	1,193.3	6.9%	140-145	0	0%
55-60	941.2	5.4%	145-150	0	0%
60-65	716.0	4.1%	150-155	0	0%
65-70	483.8	2.8%	155-160	0	0%
70-75	286.9	1.7%	160-165	0	0%
75-80	168.9	1.0%	165-170	0	0%
80-85	87.1	0.5%	170-175	0	0%
85-90	22.6	0.1%	175-180	0	0%

#### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	6,501.5	37.6%
0-40	10,177.0	58.9%
0-60	15,514.6	89.8%
60-90	1,765.4	10.2%
70-100	565.8	3.3%
90-120	0.3	0%
0-90	17,280.0	100%
90-180	0.3	0%
0-180	17,280.3	100%



IES files available