

**CERTIFIED TEST REPORT NO. LSI 22845A**

CIRALIGHT INC., CAT# SUN TRACKER ONE

4 ft. x 4 ft. Skylight w/ clear roof dome and square prismatic cone ceiling diffuser

Tested in Sun City, CA on June 21, 2007. LUMEN RATING = 52096 LMS.

Mirror Tracking System adjusts for sun movement every 10 minutes.

**AVERAGE ILLUMINANCE (FOOTCANDLE) DATA**  
**SPACING (FT.)**

<b>Ceiling Ht. (FT.)</b>	<b><u>20X20</u></b>	<b><u>22X22</u></b>	<b><u>24X24</u></b>	<b><u>26X26</u></b>	<b><u>28X28</u></b>	<b><u>30X30</u></b>	<b><u>32X32</u></b>	<b><u>34X34</u></b>	<b><u>36X36</u></b>	<b><u>38X38</u></b>	<b><u>40X40</u></b>
8	146	117	99	82	70	64	52	47	41	35	35
10	142	114	97	80	68	63	51	46	40	34	34
12	139	111	94	78	67	61	50	44	39	33	33
14	136	109	93	76	65	60	49	44	38	33	33
16	134	107	91	75	64	59	48	43	37	32	32
18	131	105	89	73	63	58	47	42	37	31	31
20	128	103	87	72	62	56	46	41	36	31	31
22	126	101	85	70	60	55	45	40	35	30	30
24	123	99	84	69	59	54	44	39	35	30	30
26	121	97	82	68	58	53	44	39	34	29	29
28	119	95	81	66	57	52	43	38	33	28	28
30	116	93	79	65	56	51	42	37	33	28	28
32	114	91	77	64	55	50	41	36	32	27	27
34	112	90	76	63	54	49	40	36	31	27	27
36	110	88	75	62	53	48	40	35	31	26	26
38	108	87	74	61	52	48	39	35	30	26	26
40	106	85	72	60	51	47	38	34	30	26	26
42	105	84	71	59	50	46	38	33	29	25	25
44	103	82	70	58	49	45	37	33	29	25	25
46	101	81	69	57	48	44	36	32	28	24	24
48	99	79	67	56	48	44	36	32	28	24	24
50	97	78	66	55	47	43	35	31	27	23	23

**NOTES:**

The data used to create this report was taken 6-21-07 from 3:00pm to 3:54pm

Values will vary depending upon external daylight conditions. Illuminance values are calculated for the sun conditions at the time of the photometric test.

All footcandle values are for the CIRALIGHT Sun Tracker One operating as tested. Reflective and transmissive material characteristics and dirt accumulation will affect levels.

Values are calculated for a 100 FT. X 100 FT. room and may vary with other room sizes.

Values are calculated for the following reflectances: Ceiling - 0.80, Wall - 0.50, and Floor - 0.20. Other reflectances will affect the Illuminance values.

Values tabulated are the average footcandles throughout the space on a 2.5 FT. workplane.

Prepared For:

CIRALIGHT, INC.  
Park City, UT

Certified By:

October 1, 2007