

**CERTIFIED TEST REPORT NO. LSI 22966**

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 = 57691 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	161	129	110	90	77	71	58	52	45	39	39
10	158	126	107	88	76	69	57	50	44	38	38
12	154	123	105	86	74	68	55	49	43	37	37
14	151	120	102	84	72	66	54	48	42	36	36
16	147	118	100	83	71	65	53	47	41	35	35
18	144	115	98	81	69	63	52	46	40	35	35
20	141	113	96	79	68	62	51	45	39	34	34
22	138	110	94	77	66	61	50	44	39	33	33
24	135	108	92	76	65	59	49	43	38	32	32
26	132	106	90	74	64	58	48	42	37	32	32
28	130	104	88	73	62	57	47	42	36	31	31
30	127	102	87	71	61	56	46	41	36	31	31
32	125	100	85	70	60	55	45	40	35	30	30
34	123	98	83	69	59	54	44	39	34	29	29
36	121	96	82	67	58	53	43	39	34	29	29
38	118	95	81	66	57	52	43	38	33	28	28
40	116	93	79	65	56	51	42	37	33	28	28
42	114	92	78	64	55	50	41	37	32	27	27
44	112	90	76	63	54	49	40	36	31	27	27
46	110	88	75	62	53	49	40	35	31	26	26
48	108	87	74	61	52	48	39	35	30	26	26
50	106	85	72	60	51	47	38	34	30	26	26

**NOTES:**

The data used to create this report was taken 6-21-07 from 9:00am to 10:23am, 12:00pm to 12:40pm & 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:

Certified By:

CIRALIGHT, INC.  
Park City, UT

October 16, 2007