

**CERTIFIED TEST REPORT NO. LSI 22843A**

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 = 64753 LMS.

Mirror Tracking System adjusts for sun movement every 10 minutes.

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

<b>Ceiling Ht. (FT.)</b>	<b>20X20</b>	<b>22X22</b>	<b>24X24</b>	<b>26X26</b>	<b>28X28</b>	<b>30X30</b>	<b>32X32</b>	<b>34X34</b>	<b>36X36</b>	<b>38X38</b>	<b>40X40</b>
8	183	146	124	102	88	80	66	59	51	44	44
10	179	143	122	100	86	79	65	57	50	43	43
12	176	141	120	98	84	77	63	56	49	42	42
14	173	138	117	97	83	76	62	55	48	41	41
16	170	136	115	95	81	75	61	54	48	41	41
18	167	133	113	93	80	73	60	53	47	40	40
20	164	131	111	92	79	72	59	52	46	39	39
22	161	129	109	90	77	71	58	52	45	39	39
24	158	126	108	89	76	70	57	51	44	38	38
26	155	124	106	87	74	68	56	50	43	37	37
28	152	122	104	85	73	67	55	49	43	37	37
30	149	119	102	84	72	66	54	48	42	36	36
32	146	117	100	82	70	64	53	47	41	35	35
34	144	115	98	81	69	63	52	46	40	35	35
36	142	114	97	80	68	63	51	46	40	34	34
38	140	112	95	79	67	62	51	45	39	34	34
40	138	111	94	78	66	61	50	44	39	33	33
42	136	109	93	76	66	60	49	44	38	33	33
44	135	108	91	75	65	59	48	43	38	32	32
46	133	106	90	74	64	58	48	42	37	32	32
48	131	105	89	73	63	57	47	42	37	31	31
50	129	103	88	72	62	57	46	41	36	31	31

**NOTES:**

The data used to create this report was taken 6-21-07 from 12:00pm to 12:40pm

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 1, 2007