

**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<br/>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