



Filename: FN 4xT5 white refl

Manufacturer: stanpro

Luminaire: 4/54W T5HO C LAMP 51.5x14.5x6"ENCLOSED &
GASKETED LUMINAIRE WHITE REFLECTOR
w/CLEAR ACRYLIC DROP LENS UNIVERSAL
BALLAST #B454IUNV-E WATTS=226
REFL=86%

Luminaire Cat: FN4-4LT5

Lamp Cat: FP54T5HO/835/C

Lamp Output: 4 lamp(s), rated Lumens/lamp: 4900

Max Candela: 4,731.0 at Horizontal: 90°, Vertical: 15°

Input Wattage: 226

Luminous Opening: Rectangle w/Luminous Sides (L: 4.23ft, W:
1.12ft, H: 0.25ft)

Test: BALLABS TEST NO. 14140.0

Test Lab: BUILDING ACOUSTICS & LIGHTING
LABORATORIES, INC

Photometry : Type C

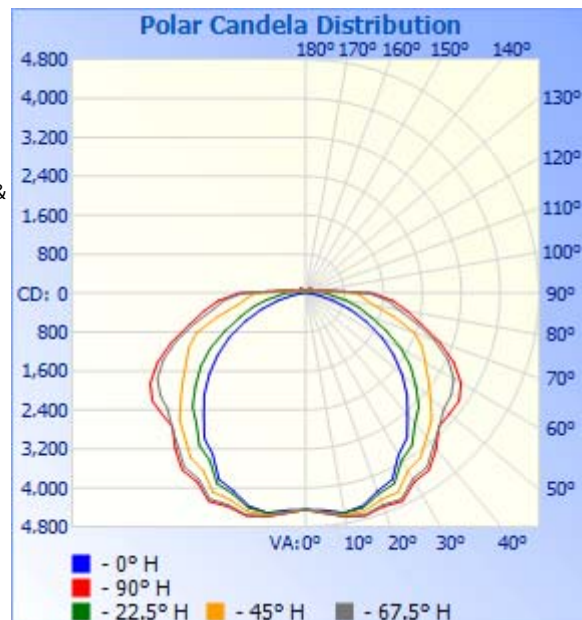
CIE Class: Direct

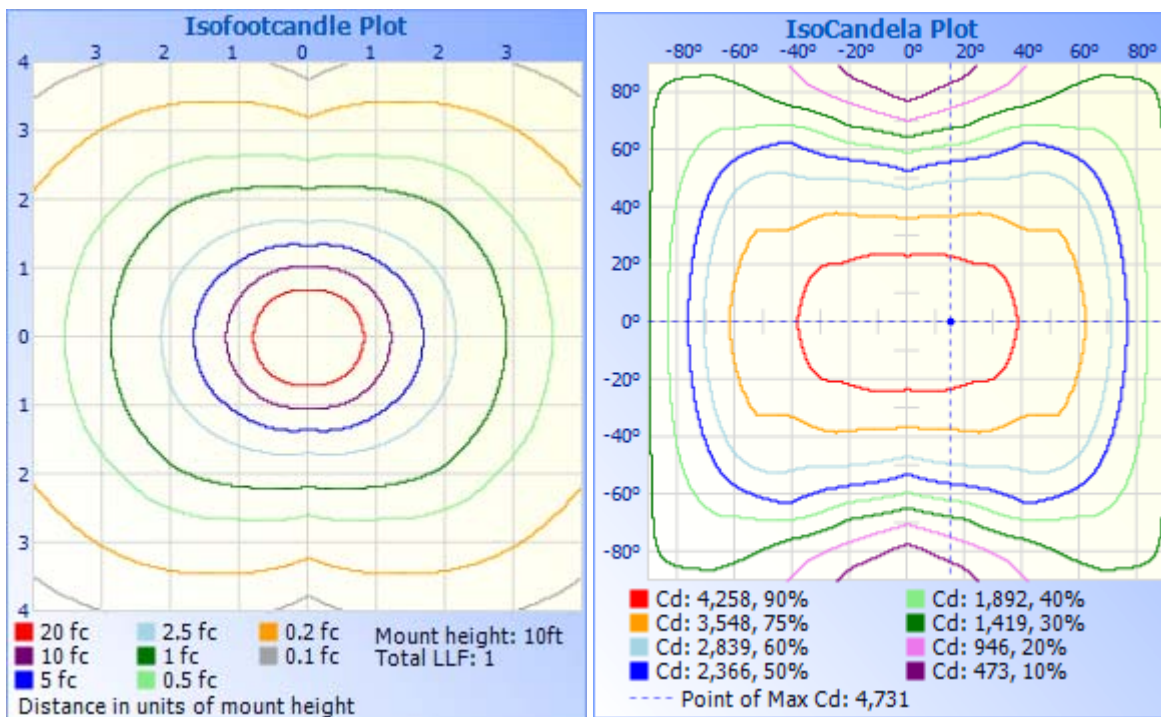
Cutoff Class: Noncutoff

Zonal Lumen Summary

| Zone | Lumens | % Lamp | % Luminaire |
|--------|----------|--------|-------------|
| 0-30 | 3,774.8 | 19.3% | 20.8% |
| 0-40 | 6,303.2 | 32.2% | 34.7% |
| 0-60 | 11,816.6 | 60.3% | 65% |
| 60-90 | 5,522.1 | 28.2% | 30.4% |
| 0-90 | 17,338.7 | 88.5% | 95.4% |
| 90-180 | 838.8 | 4.3% | 4.6% |
| 0-180 | 18,177.5 | 92.7% | 100% |

Efficiency Total: 92.7%





| | Center Beam FC | Beam Width |
|--------|----------------|----------------|
| 3.0ft | 493.89 fc | 8.9ft 24.9ft |
| 6.0ft | 123.47 fc | 17.9ft 49.8ft |
| 9.0ft | 54.88 fc | 26.8ft 74.8ft |
| 12.0ft | 30.87 fc | 35.7ft 99.7ft |
| 15.0ft | 19.76 fc | 44.7ft 124.6ft |
| 18.0ft | 13.72 fc | 53.6ft 149.5ft |

Vert. Spread: 112.2° Horiz. Spread: 152.9°

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

| RCC %: | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|--------|------|------|------|------|------|------|------|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| RW %: | 70 | 50 | 30 | 0 | 70 | 50 | 30 | 0 | 50 | 30 | 20 | 50 | 30 | 20 | 50 | 30 | 20 | 0 |
| RCR: 0 | 1.09 | 1.09 | 1.09 | 1.09 | 1.06 | 1.06 | 1.06 | .88 | 1.01 | 1.01 | 1.01 | .95 | .95 | .95 | .91 | .91 | .91 | .88 |
| 1 | .97 | .92 | .87 | .82 | .94 | .89 | .85 | .70 | .84 | .81 | .77 | .80 | .77 | .74 | .76 | .73 | .71 | .69 |
| 2 | .87 | .79 | .71 | .65 | .84 | .76 | .70 | .57 | .72 | .67 | .62 | .69 | .64 | .60 | .65 | .61 | .58 | .55 |
| 3 | .79 | .68 | .60 | .53 | .76 | .66 | .58 | .47 | .63 | .56 | .51 | .60 | .54 | .49 | .57 | .52 | .48 | .45 |
| 4 | .72 | .60 | .51 | .44 | .69 | .58 | .50 | .40 | .55 | .48 | .42 | .53 | .46 | .41 | .50 | .45 | .40 | .38 |
| 5 | .66 | .53 | .44 | .37 | .64 | .52 | .43 | .34 | .49 | .42 | .36 | .47 | .40 | .35 | .45 | .39 | .35 | .32 |
| 6 | .61 | .48 | .39 | .32 | .59 | .46 | .38 | .30 | .44 | .37 | .31 | .42 | .36 | .31 | .40 | .35 | .30 | .28 |
| 7 | .56 | .43 | .34 | .28 | .54 | .42 | .34 | .26 | .40 | .33 | .27 | .38 | .32 | .27 | .37 | .31 | .26 | .24 |
| 8 | .52 | .39 | .31 | .25 | .50 | .38 | .30 | .23 | .37 | .29 | .24 | .35 | .29 | .24 | .34 | .28 | .24 | .22 |
| 9 | .49 | .36 | .28 | .22 | .47 | .35 | .27 | .21 | .34 | .27 | .22 | .32 | .26 | .21 | .31 | .25 | .21 | .19 |
| 10 | .46 | .33 | .25 | .20 | .44 | .32 | .25 | .19 | .31 | .24 | .20 | .30 | .24 | .19 | .29 | .23 | .19 | .17 |

Luminaire Report Summary

IESNA:LM-63-2002
[TEST]BALLABS TEST NO. 14140.0
[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC
[ISSUEDATE] 03-JUN-2008
[MANUFAC] stanpro
[LUMINAIRE] 4/54W T5HO C LAMP 51.5x14.5x6"ENCLOSED & GASKETED LUMINAIRE
[MORE] WHITE REFLECTOR w/CLEAR ACRYLIC DROP LENS
[MORE] UNIVERSAL BALLAST #B454IUNV-E WATTS=226 REFL=86%
[LUMCAT] FN4-4LT5
[LAMPCAT] FP54T5HO/835/C
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 5
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: STANDARD
FILE: BALLAST FACTOR: 1

Photometrics Pro 1.3.4 copyright 2003-2009 by jSolutions, Inc.
Reported data calculated from manufacturer's data file, based on IES recommended methods.