

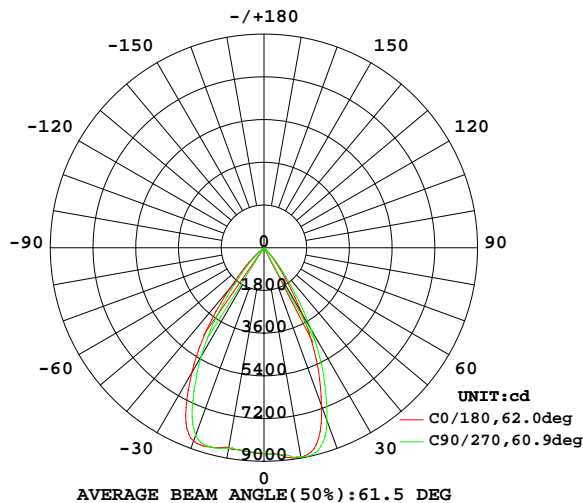
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

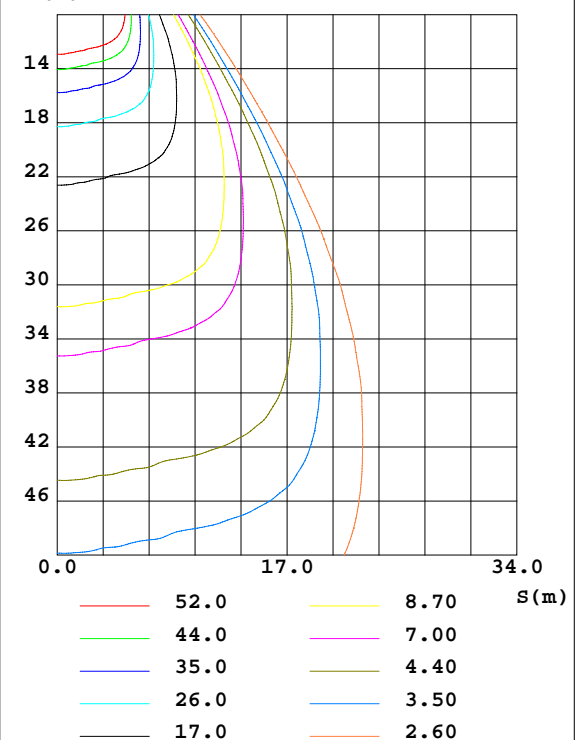
| | | |
|---|-------|-------------------|
| Test:U:221.0V I:0.4570A P:99.90W PF:0.9890 Lamp Flux:8497.78x1 lm | | |
| NAME: LED Highbay | TYPE: | WEIGHT:3 |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Sedna LED Ltd | SUR.: | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 85.06 lm/W | | | |
|------------------|----------|----------------------------------|--------|-------------------|----------|
| MODEL | SDHB-100 | I _{max} (cd) | 8991 | S/MH(C0/180) | 1.01 |
| NOMINAL POWER(W) | 102 | LOR(%) | 100.0 | S/MH(C90/270) | 0.95 |
| RATED VOLTAGE(V) | 222 | TOTAL FLUX(lm) | 8497.8 | η UP,DN(C0-180) | 0.3,56.0 |
| NOMINAL FLUX(lm) | 8497.78 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.3,43.4 |
| LAMPS INSIDE | 1 | η up(%) | 0.6 | CIBSE SHR NOM | 0.75 |
| TEST VOLTAGE(V) | 221.0 | η down(%) | 99.4 | CIBSE SHR MAX | 0.90 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



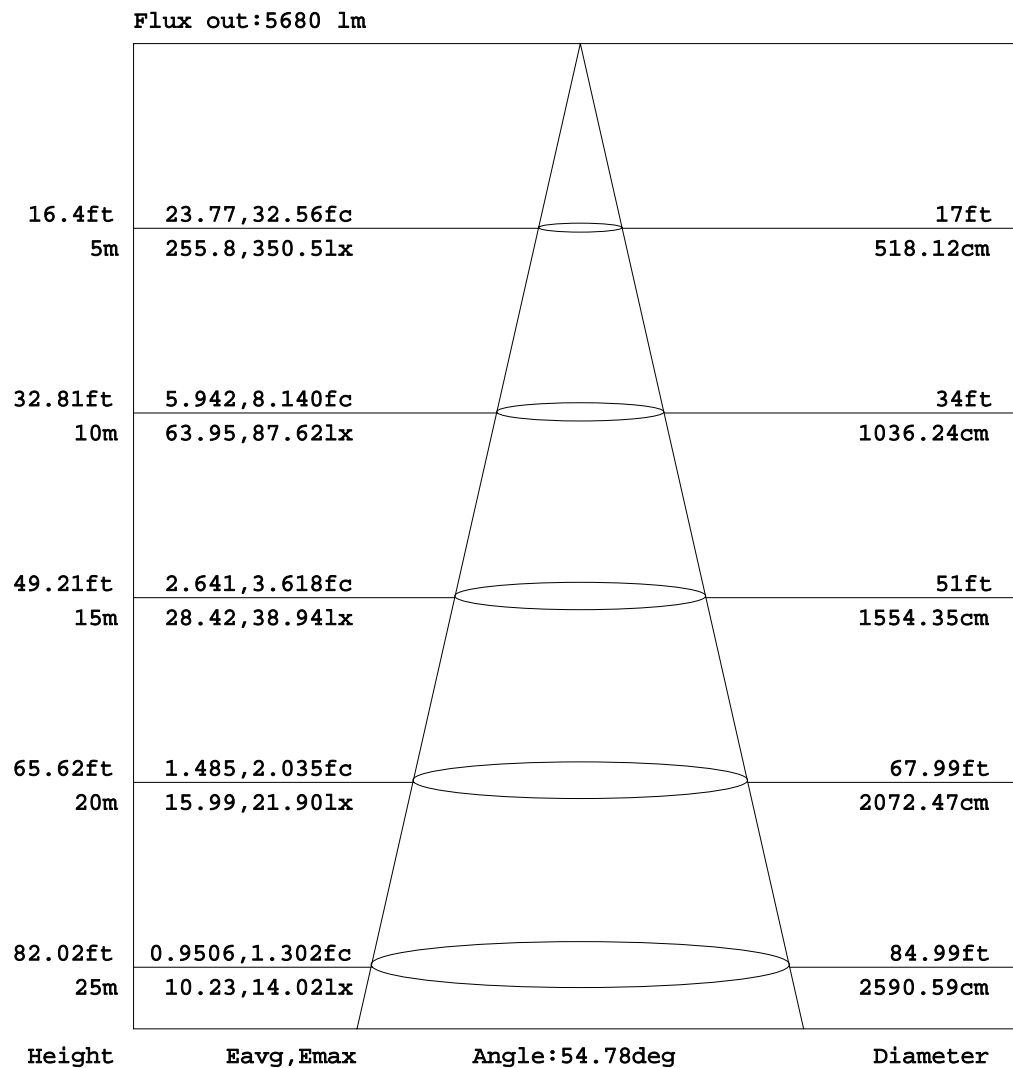
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:28DEG
Operators:
Test Date:2013-10-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.279
Humidity:90.0%
Test Distance:8.000m [K=1.0000]

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AAI Figure

| | | |
|---|-------|-------------------|
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Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

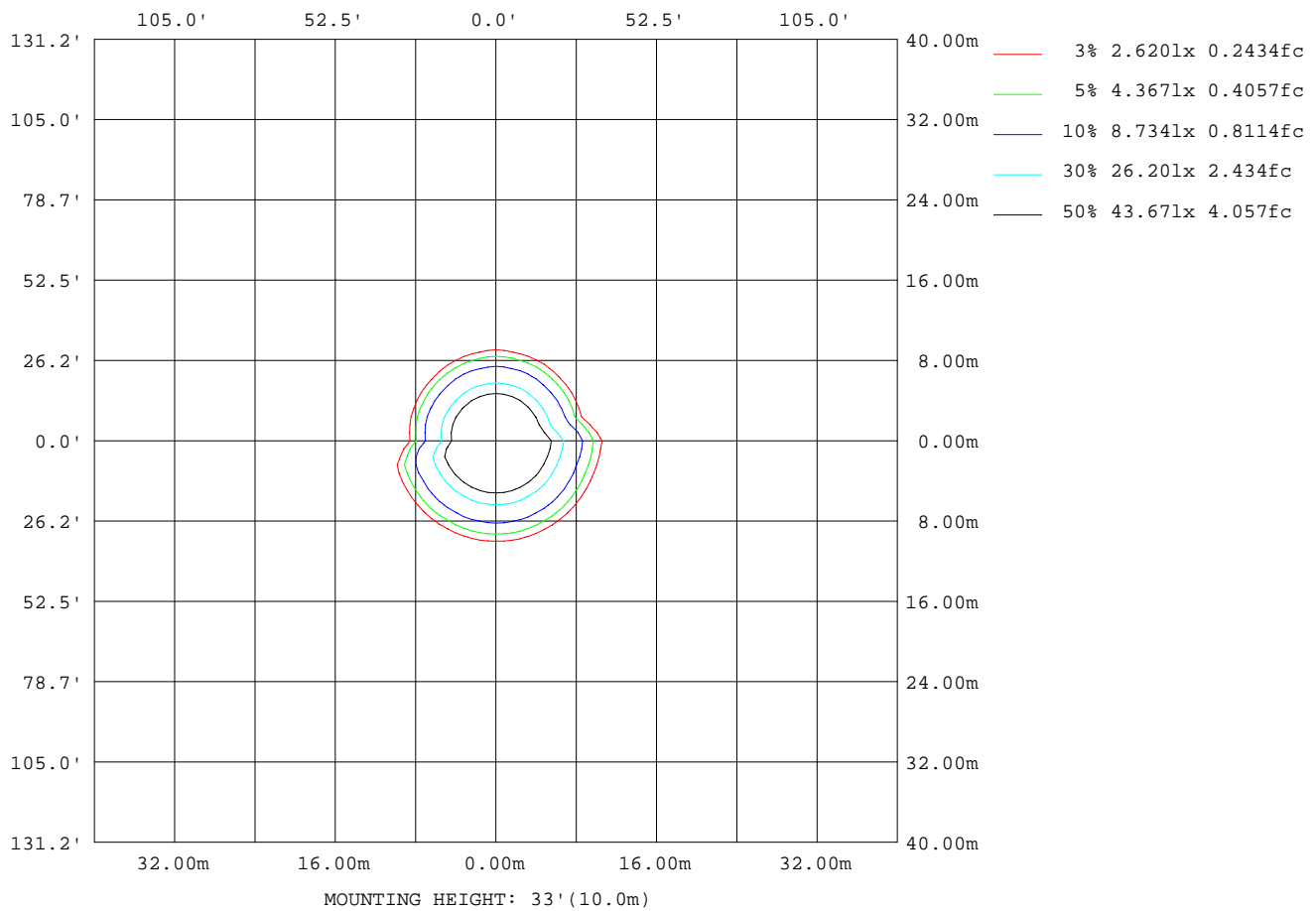
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Humidity: 90.0%
Test Distance: 8.000m [K=1.0000]

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ISOLUX DIAGRAM

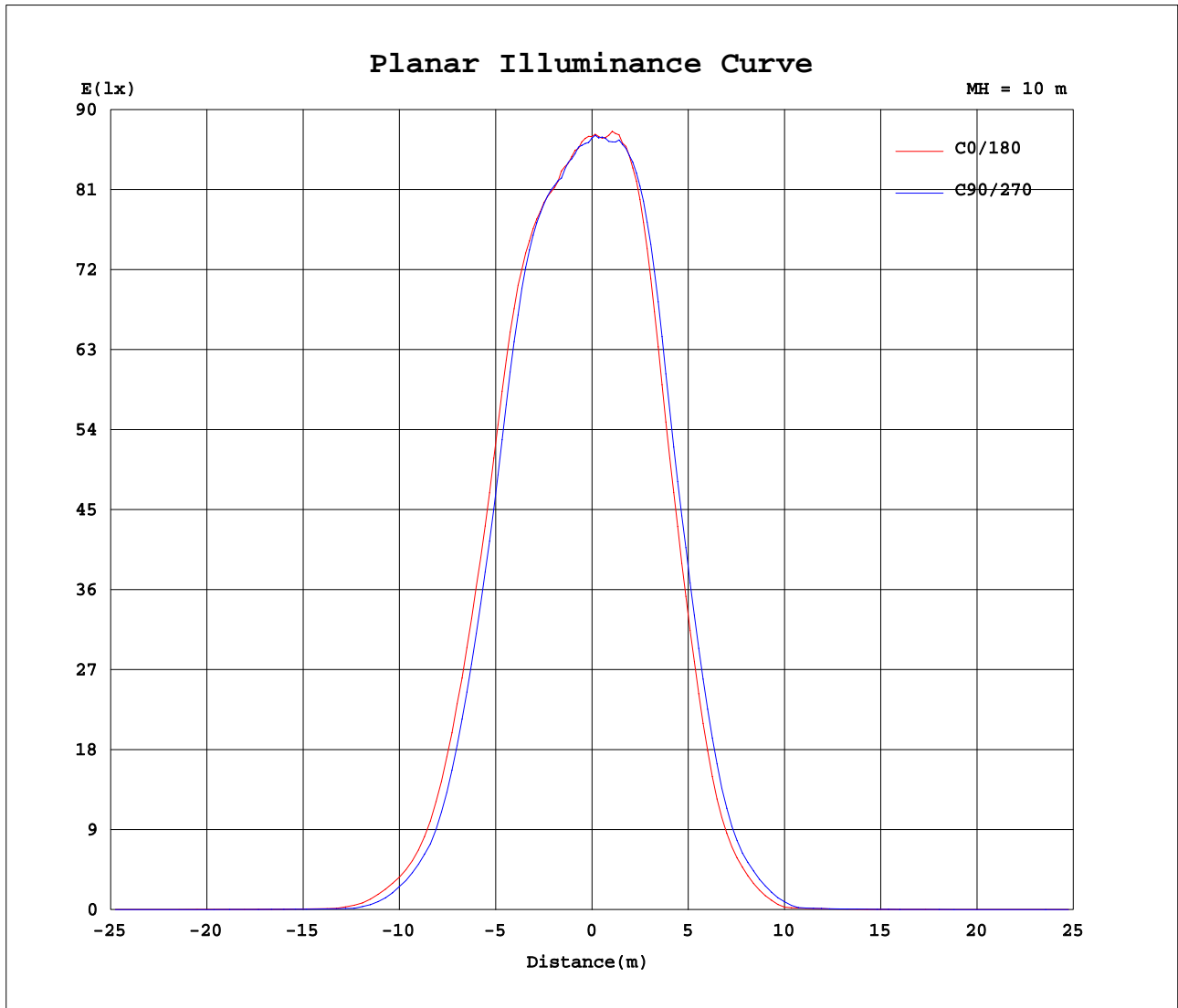
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Planar Illuminance Curve



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 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 28DEG
 Operators:
 Test Date: 2013-10-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.279
 Humidity: 90.0%
 Test Distance: 8.000m [K=1.0000]