

Lumen Method Summary

Project

Title
Description
Number
Company
Designer

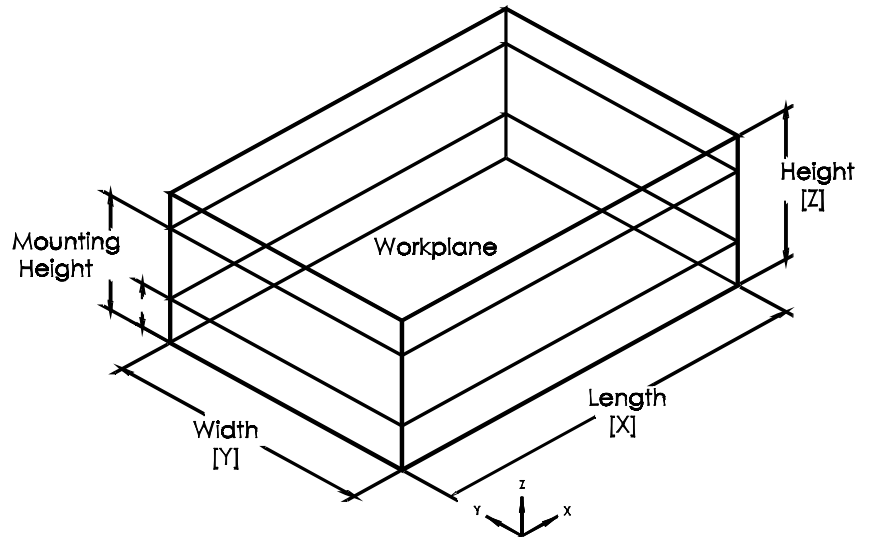
Room

Length [X] **80 ft**
Width [Y] **60 ft**
Height [Z] **18 ft**

RCR **1.97**

Ceiling **80 %**
Walls **80 %**
Floor **50 %**

Workplane Height **2.5 ft**



Luminaire

Mounting Height **16 ft**

Catalog Number **TSN454EB1-8 STANDARD REFLECTOR**
Manufacturer **STONCO**
IES File Name **TBN454EB.ies**

Lamp Description **FOUR 54 WATT HIGH OUTPUT T5 LINEAR FLUORESCENT LAMPS RATED AT 4400 LUMENS EACH.**
Number of Lamps **4**
Lamp Lumens **4400**
Light Loss Factor **0.49**

Coefficient of Utilization **1.20**

Output

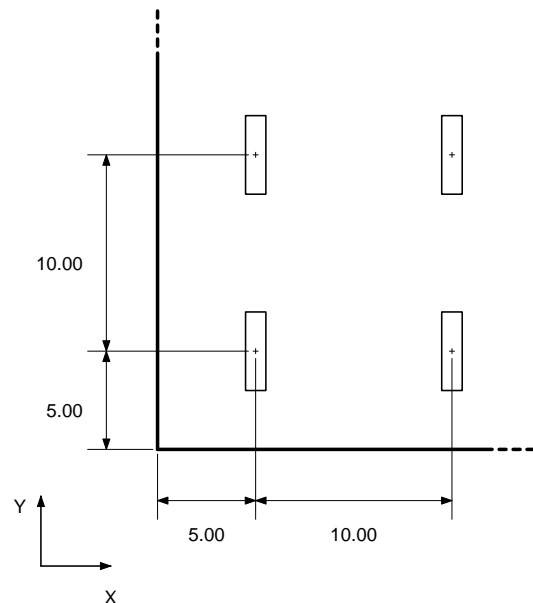
Illuminance **103 fc**
Number of Luminaires **48**

Number of Columns [X] **8**
Number of Rows [Y] **6**

Column Spacing [X] **10.00 ft**
Row Spacing [Y] **10.00 ft**

Column Start [X] **5.00 ft**
Row Start [Y] **5.00 ft**

Power Density **2.23 W/ft²**



Note: Calculations are based on procedures established by the Illuminating Engineering Society of North America, or standard industry practice. Visual computes output performance based on input data as provided by, and which is the sole responsibility of, the user. Acuity Brands Lighting, Inc. cannot be held responsible for the variations in actual situations which can effect calculated output.