

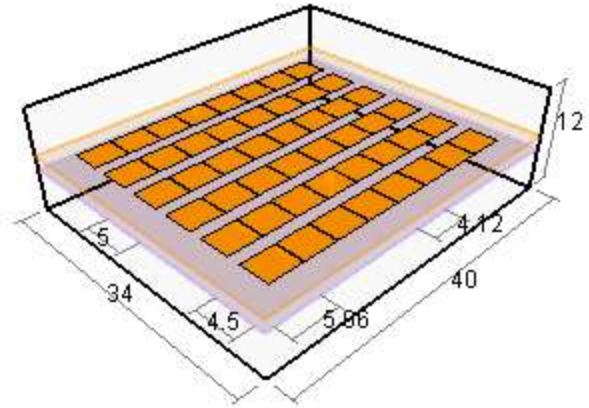
## Room Estimator - Layout 1 - LED Flower Room

### Luminaire

IES Filename:	LUX-645w LED		
Description:	Luxx 645W LED		
Lumens Per Lamp:	N.A.	lms	
Number of Lamps:	1		
Luminaire Lumens:	99564	lms	
Luminaire Efficiency:	N.A.	%	
Luminaire Watts:	657	W	
<b>Total Light Loss Factor (LLF):</b>	<b>1.000</b>		

### Room Dimensions

Length (X):	40	ft
Width (Y):	34	ft
Height (Z):	12	ft
Workplane Height:	5	ft
Suspension Length:	5.5	ft
Room Cavity Ratio (RCR):	0.408	



### Room Reflectance

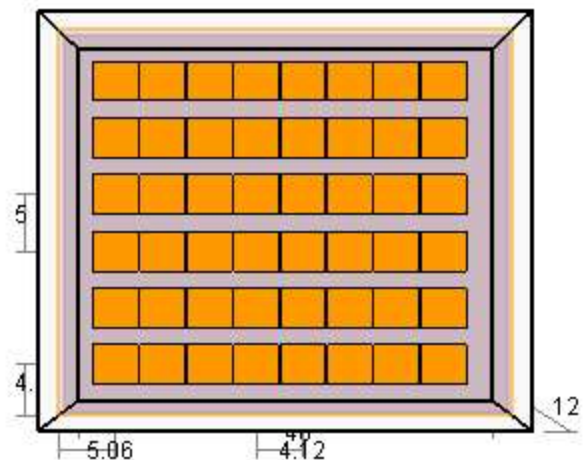
Ceiling:	0.80
Walls:	0.70
Floor:	0.20
Effective Ceiling Cavity:	0.677
Effective Floor Cavity:	0.221
<b>Coefficient of Utilization (CU):</b>	<b>1.131</b>

### Results

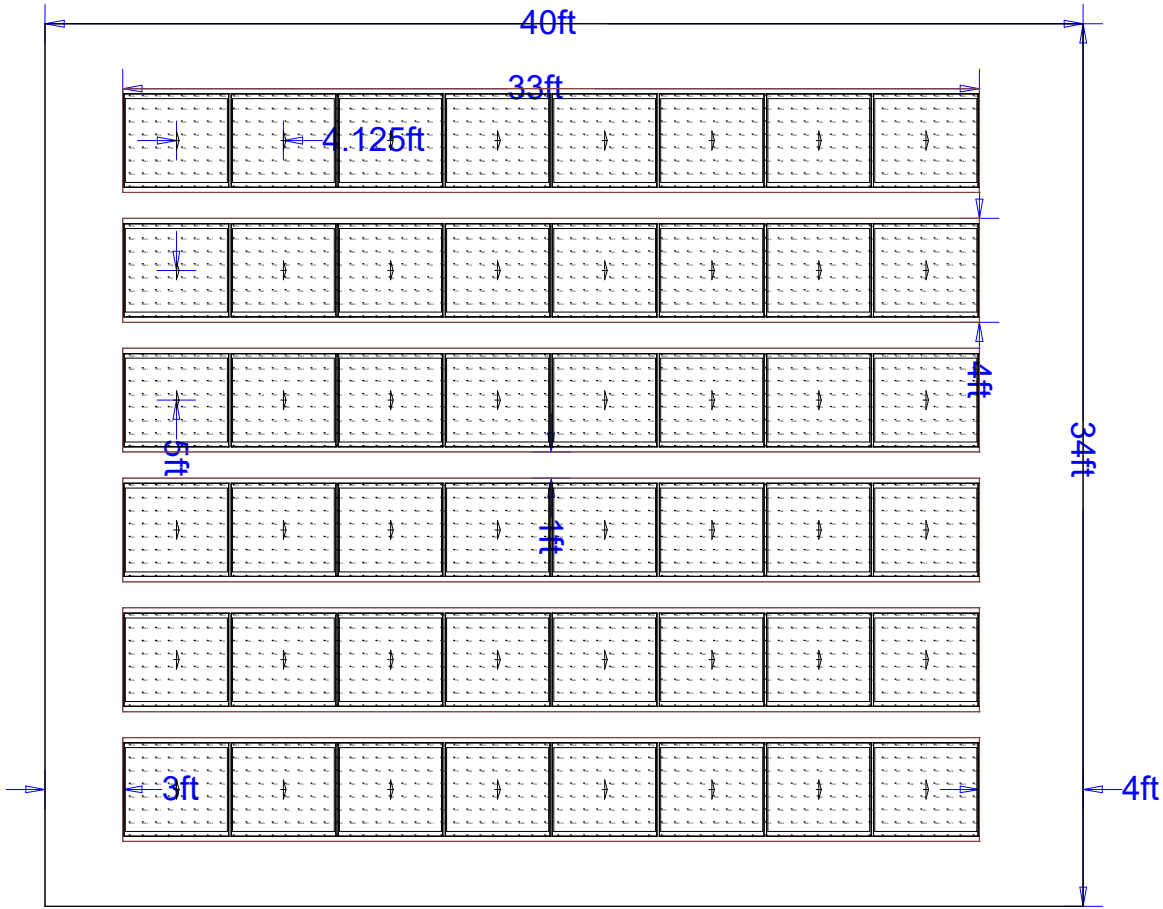
<b>Estimated Average Illuminance:</b>	<b>3974</b>	<b>fc</b>
<b>Number of Luminaires:</b>	<b>48</b>	
<b>Lighting Power Density (LPD):</b>	<b>23.188</b>	<b>W/ft^2</b>

### Layout

	Rows (Width, Y)	×	Columns (Length, X)	
Grid Layout (Size):	6	×	8	luminaires
Grid Spacing:	5	×	4.12	ft
Wall (Start) Spacing:	4.5	×	5.06	ft
Ceiling Grid Spacing:	N.A.	×	N.A.	ft
Spacing Criteria:	1.32	×	1.34	ft

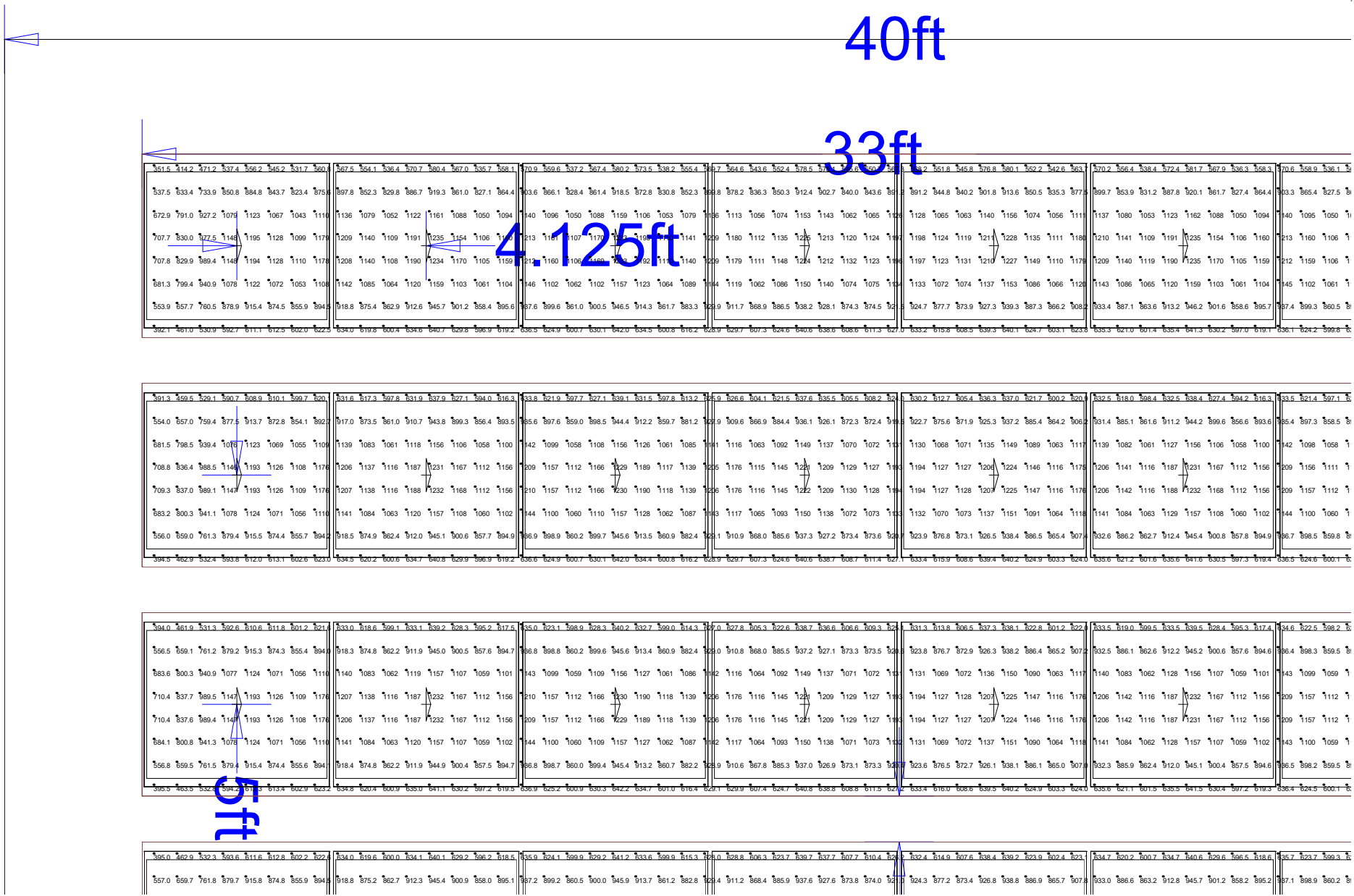


# Viewpoint



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Led Flower Room_Canopy height	PPFD	μmol/sec-Sq.m	918.580	1235	340.4	2.70	3.63

# Viewpoint - Cont.



VIEWPOINT: Viewpoint\_2