

## 1. Summary

### 1.1 Room Summary

Room Dimensions			Surface	Reflectance
Width	36.00	m	Ceiling	0.50
Length	24.00	m	Left Wall	0.30
Height	5.00	m	Right Wall	0.30
Working Plane Height	0.80	m	Front Wall	0.30
			Back Wall	0.30
			Floor	0.10

#### Room Position (Front Bottom Left)

X	0.00	m
Y	0.00	m

#### Total Average Room Surface Luminance (cd/m<sup>2</sup>):

Ceiling	Left	Right	Front	Back	Floor
2.1	5.6	5.6	13.5	0.9	3.2

#### Unified Glare Rating (CIE): Undefined

The overall maintenance factor used for this project is 1.00.

### 1.2 Project Luminaires

Code	Qty	Luminaire Type	Lamp Type	Power (W)	Flux (lm)
A	45	FBS105/155	1 * PL-L55W	58.0	1 * 4500

The total installed power: 2.61 (kWatt)

Number of Luminaires Per Arrangement:

Arrangement	Luminaire Code	Power (kWatt)
Room Block	A 45	2.61

### 1.3 Calculation Results

(II)luminance Calculations:

Calculation	Type	Unit	Ave	Min/Ave	Min/Max	Result
Grid	Surface Illuminance	lux	107	0.07	0.04	Total