

## **Relatório de iluminância**

Obra: Escritório Rizoma  
Ambiente: Sala de Reunião

Considerado:  
P.D: Forro de Gesso: 2,80m

Refletância:  
Teto: Cinza médio (60%)  
Parede: Cinza médio (40%)  
Piso: Cinza médio (10%)

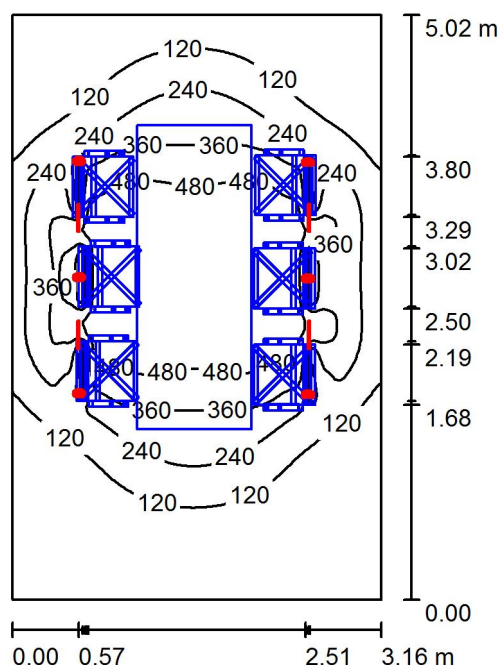
Luminárias:  
RE 01 - rocket super track high power 35°  
RE 01 - super track concentra 35°

Date: 03.02.2021  
Operator:



Operator  
Telephone  
Fax  
e-Mail

## Room 1 / Summary



Height of Room: 2.800 m, Mounting Height: 2.800 m, Maintenance factor: 0.88

Values in Lux, Scale 1:65

| Surface   | $\rho$ [%] | $E_{av}$ [lx] | $E_{min}$ [lx] | $E_{max}$ [lx] | $u_0$ |
|-----------|------------|---------------|----------------|----------------|-------|
| Workplane | /          | 237           | 7.34           | 567            | 0.031 |
| Floor     | 10         | 77            | 1.38           | 273            | 0.018 |
| Ceiling   | 60         | 23            | 11             | 39             | 0.465 |
| Walls (4) | 15         | 33            | 11             | 127            | /     |

## Workplane:

Height: 0.750 m  
Grid: 128 x 128 Points  
Boundary Zone: 0.000 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.121, Ceiling / Working Plane: 0.098.

## Luminaire Parts List

| No.    | Pieces | Designation (Correction Factor)   | $\Phi$ (Luminaire) [lm] | $\Phi$ (Lamps) [lm] | P [W] |
|--------|--------|---|-------------------------|---------------------|-------|
| 1      | 6      | LUMINI - Soluções em Iluminação Ltda.<br>rocket super track 6.6W 3000K 35° (1.000)  | 566                     | 566                 | 6.6   |
| 2      | 4      | LUMINI - Soluções em Iluminação Ltda. super<br>track concentra 30 3000K 35° (1.000) | 332                     | 334                 | 8.0   |
| Total: |        |   | 4726                    | 4732                | 71.6  |

Specific connected load:  $4.50 \text{ W/m}^2 = 1.90 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $15.90 \text{ m}^2$ )



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## Room 1 / False Colour Rendering

