

# BICESTER

Installation : BICESTER V1

Project number : PS3LINE125

Customer : 3LINE

Processed by :

Date : 04.08.2025

The following values are based on exact calculations on calibrated lamps, luminaires and their arrangement. In practice, gradual divergences can occur.

Guarantee claims for luminaire data are excluded.

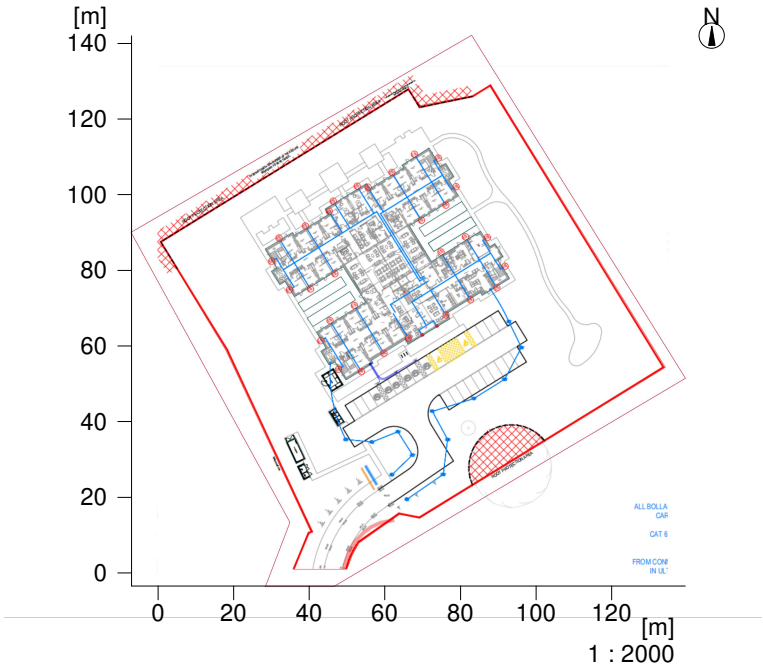
Relux and the luminaire manufacturers accept no liability for consequential damage and damage which is occasioned to the user or to third parties.

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# 1 LIGHTSPILL TO BORDER

## 1.1 Description, LIGHTSPILL TO BORDER

### 1.1.1 Floor plan

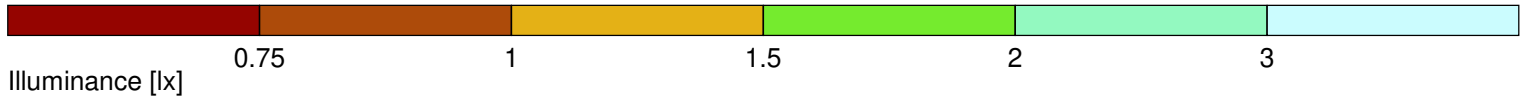
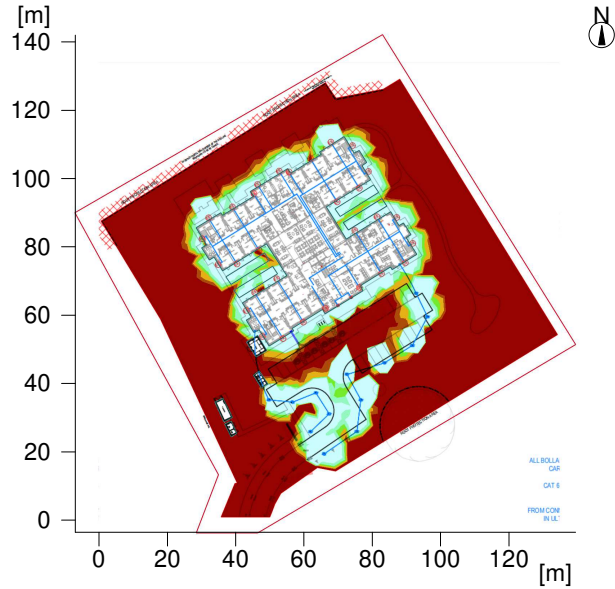


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## 1.2 Summary, LIGHTSPILL TO BORDER

### 1.2.1 Result overview, LIGHTSPILL TO BORDER





#### General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	24302 lm
Total power	397 W
Total power per area (11596.37 m <sup>2</sup> )	0.03 W/m <sup>2</sup>

#### Illuminance

Average illuminance	Eav	1.7 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	34.5 lx
Uniformity Uo	Emin/Em	1:543 (0)
Diversity Ud	Emin/Emax	1:10700 (0)

#### Type No.\Make

- Ansell Lighting**
- 1 30  Order No. : AREELED  
 Luminaire name : Reef CCT Fixed Surface Downlight  
 Equipment : 1 x 3000K 6 W / 450 lm
  - 2 2  Order No. : !AGLED/WL  
 Luminaire name : Gila LED  
 Equipment : 1 x 11 W / 513 lm


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### 1.2 Summary, LIGHTSPILL TO BORDER

#### 1.2.1 Result overview, LIGHTSPILL TO BORDER

##### Kingfisher Lighting Ltd (Luceco Group)

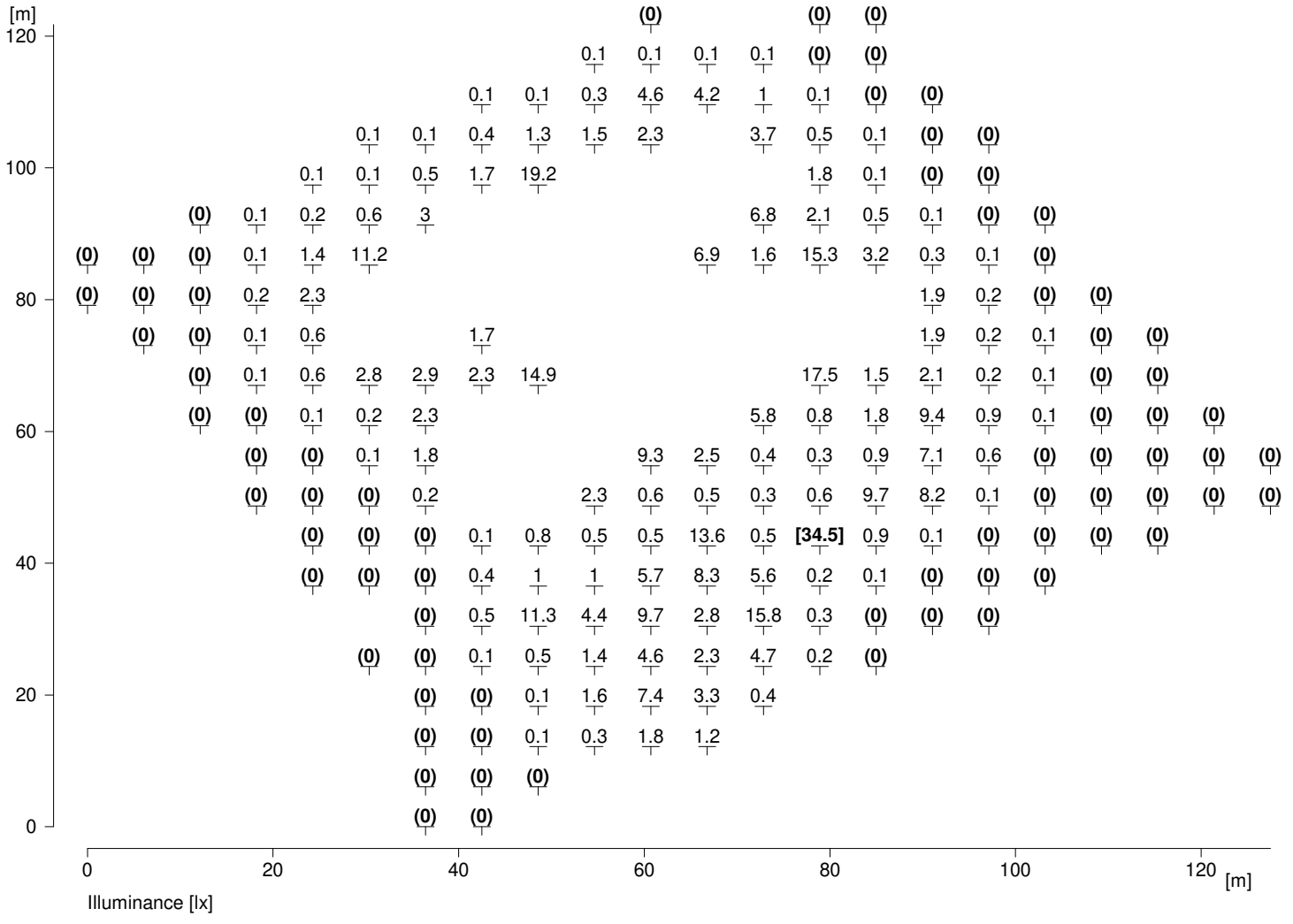
3 13  Order No. : 15W LED 2700K 500mA DECO 2,0 with radial optic + 180° spill shield  
Luminaire name : DECO 2.0  
Equipment : 1 x 2835S LED Array, 2700K, >80CRI, TM65 = 9 15 W / 752 lm

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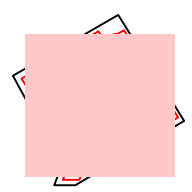
## 1.3 Calculation results, LIGHTSPILL TO BORDER

### 1.3.1 Table, LIGHTSPILL TO BORDER (E)



Height of the reference plane

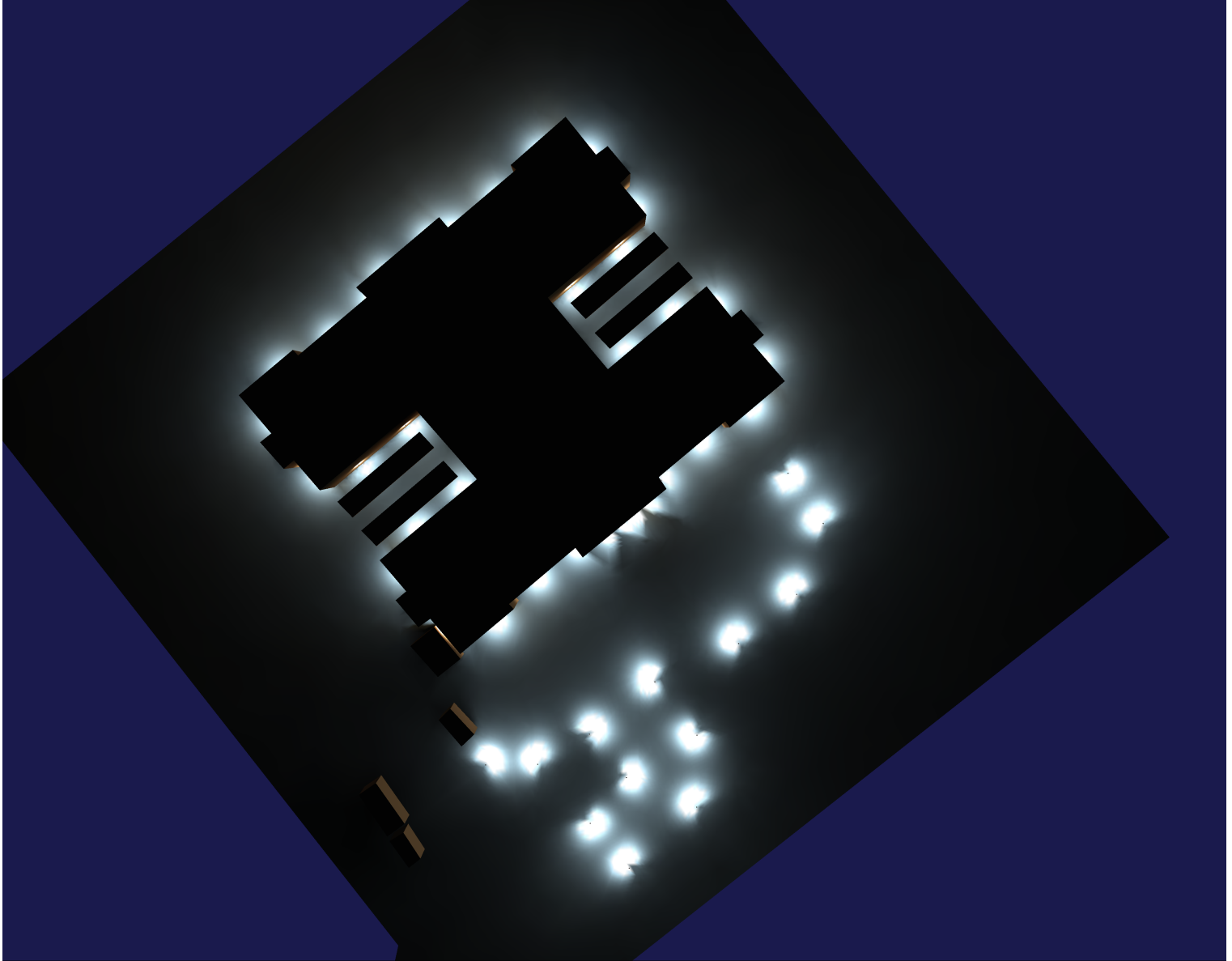
Average illuminance : 1.7 lx  
 Minimum illuminance : 0 lx  
 Maximum illuminance : 34.5 lx  
 Uniformity U<sub>0</sub> : 1 : 543.46 (0.00)  
 Diversity U<sub>d</sub> : 1 : 10710.19 (0.00)



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### 1.3 Calculation results, LIGHTSPILL TO BORDER

#### 1.3.2 3D luminance, View 1



Luminance in the scene  
Minimum: : 0 cd/m<sup>2</sup>  
Maximum: : 65.4 cd/m<sup>2</sup>  
Without consideration of the luminaire geometry