

## Lobi

Installation : Ndricimi

Project number : BUCAJ QMI

Customer : BUCAJ

Processed by : TIKI Design

Date : 22.02.2015

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 Luminaire data

### 1.1 Siteco, LEDVANCE® Downlight L (0DL11A78C3R)

#### 1.1.1 Data sheet

Manufacturer: Siteco

**siteco**  
AN OSRAM BUSINESS

#### **0DL11A78C3R downlight-ceiling recessed LEDVANCE® Downlight L**

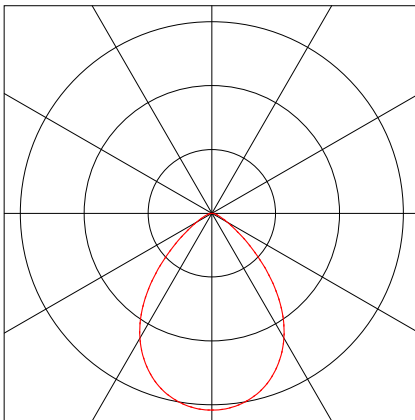
LEDVANCE® Downlight L, downlight, optical cover: diffuser disc, opal, light emission: direct distribution, LED light colour: 830, warm white, control gear: ECG, with cable, 2x 0.75mm<sup>2</sup>, mains connection: 220..240V, 50..60Hz, housing, traffic white (RAL 9016), diameter: 172 mm, ring, of polymer, white, insulation class (complete): insulation class II (safety insulation), certification: CE, permissible ambient temperature for indoor applications: <= +25°C

#### Luminaire data

Luminaire efficiency : 100%  
Luminaire efficacy : 87.5 lm/W  
Classification : A60 ↓100.0% ↑0.0%  
CIE Flux Codes : 72 95 99 100 100  
UGR 4H 8H (20%, 50%, 70%)  
C0 / C90 : 21.2 / 21.2  
Control gear : ECG  
System power : 12 W  
Diameter : 172 mm

#### Equipped with

Quantity : 1  
Designation : LED 3000K /  
CRI >= 80  
Power : 12 W  
Colour :  
Luminous flux : 1050 lm



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## 1 Luminaire data

### 1.2 Siteco, LEDVANCE® PENDANT L (0STPLA77303SBF)

#### 1.2.1 Data sheet

Manufacturer: Siteco



#### **0STPLA77303SBF** downlight-ceiling pendant **LEDVANCE® PENDANT L**

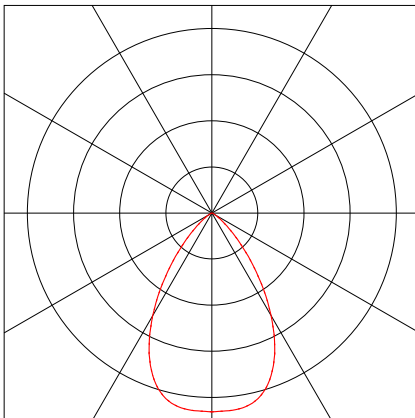
LEDVANCE® PENDANT L, downlight, optical cover: cover panel, of glass, opal, LED light colour: 840, cool white, control gear: ECG, with cable with plug, mains connection: 220..240V, AC, 50/60Hz, housing, of aluminium, anodised, white, diameter: 90 mm, protection rating (complete): IP20, insulation class (complete): insulation class II (safety insulation), certification: CE

#### Luminaire data

Luminaire efficiency : 100%  
Luminaire efficacy : 89.09 lm/W  
Classification : A60 ↓100.0% ↑0.0%  
CIE Flux Codes : 86 99 100 100 100  
UGR 4H 8H (20%, 50%, 70%)  
C0 / C90 : 24.3 / 24.3  
Control gear : ECG  
System power : 33 W  
Diameter : 90 mm  
Height : 201 mm

#### Equipped with

Quantity : 1  
Designation : LED 4000K /  
CRI >= 80  
Power : 33 W  
Colour :  
Luminous flux : 2940 lm

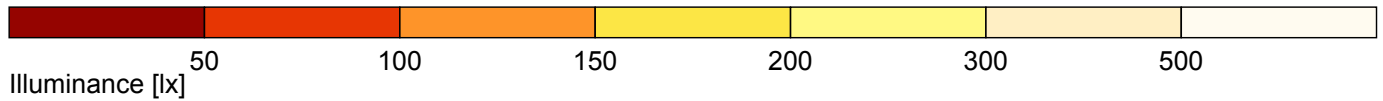
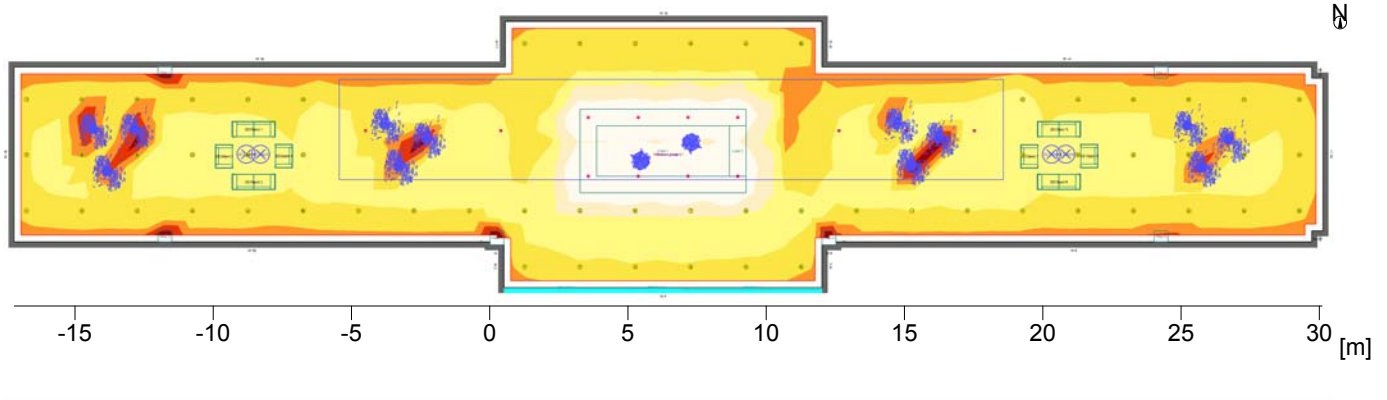


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## 2 Lobi

### 2.1 Summary, Lobi

#### 2.1.1 Result overview, Evaluation area 1




#### General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.80
Total luminous flux of all lamps	104160 lm
Total power	1182.0 W
Total power per area (335.65 m <sup>2</sup> )	3.52 W/m <sup>2</sup> (1.48 W/m <sup>2</sup> /100lx)

Evaluation area 1	Reference plane 1.1
	Horizontal
Em	238 lx
Emin	5 lx
Emin/Eav (Uo)	0.02
Emin/Emax (Ud)	0.01
Position	0.75 m

#### Type No.\Make

1	60	<b>Siteco</b>	
		Order No.	: 0DL11A78C3R
		Luminaire name	: LEDVANCE® Downlight L
		Equipment	: 1 x LED 3000K / CRI >= 80 12 W / 1050 lm

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## 2 Lobi

### 2.2 Calculation results, Lobi

#### 2.2.1 3D luminance, View 1

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Luminance in the scene  
Minimum: : 0 cd/m<sup>2</sup>  
Maximum: : 144 cd/m<sup>2</sup>

## 2.2 Calculation results, Lobi

### 2.2.2 3D pseudo colours, View 2 (E)

