

## Ventspils Ganību iela

Installation : Darba apgaismojums

Project number : 1

Customer :

Processed by : Artūrs Karulis

Date : 05.02.2018

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

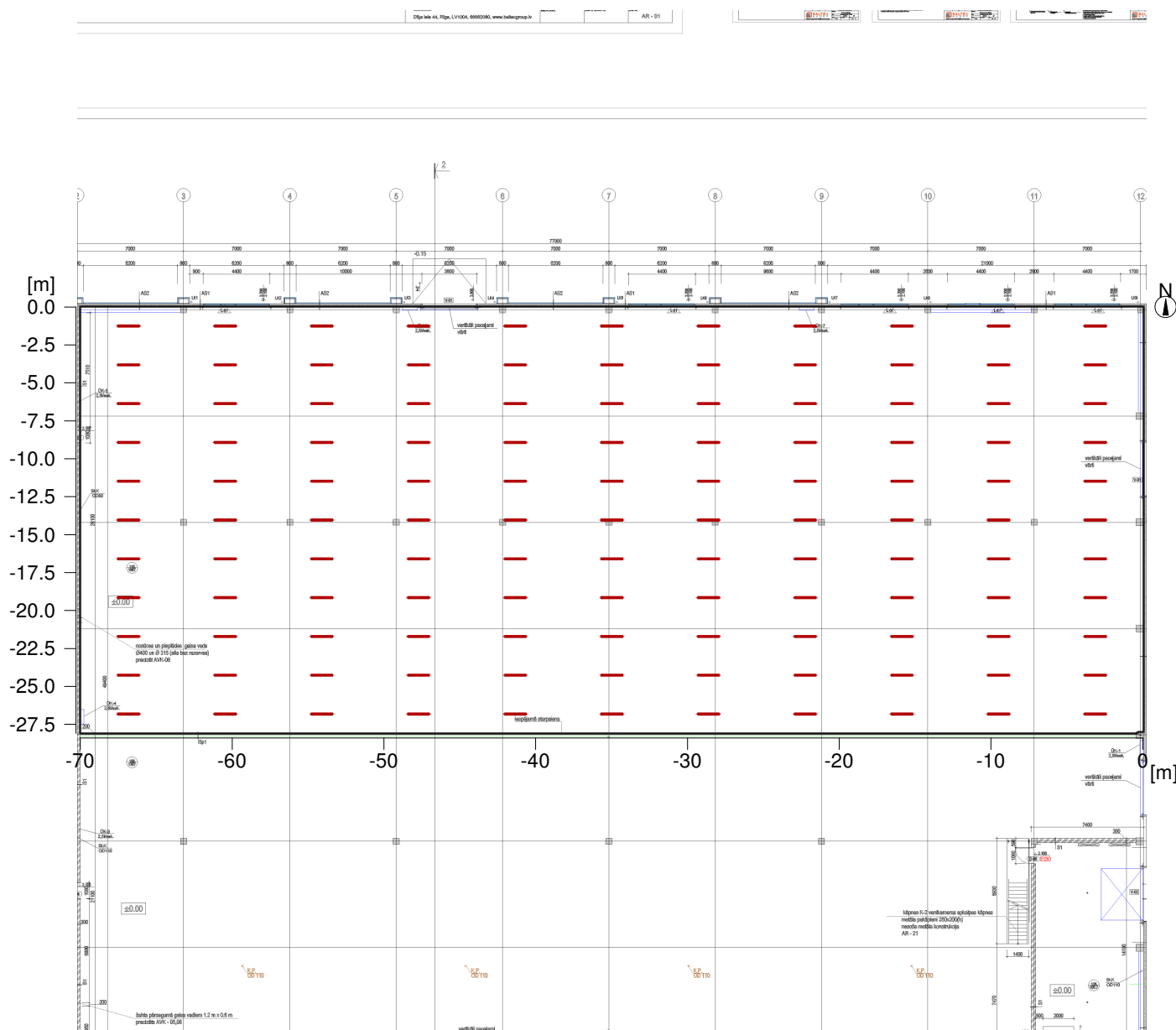
Guarantee claims for luminaire data are excluded.

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

# 1 116

## 1.1 Description, 116

### 1.1.1 Floor plan



Wall	x	y	Length	Reflectance
1	75.30 m	246.03 m	70.00 m	50.0 %
2	75.30 m	217.93 m	28.10 m	50.0 %
3	144.90 m	217.93 m	69.60 m	50.0 %
4	144.90 m	218.03 m	0.10 m	50.0 %
5	145.30 m	218.03 m	0.40 m	50.0 %
6	145.30 m	246.03 m	28.00 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		7.00 m		
Height of reference plane		0.75 m		

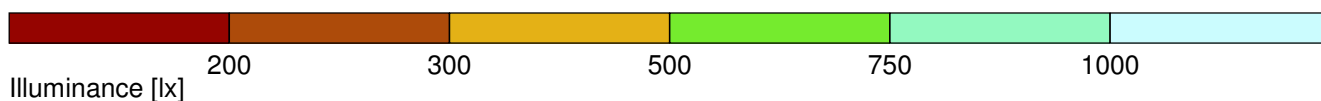
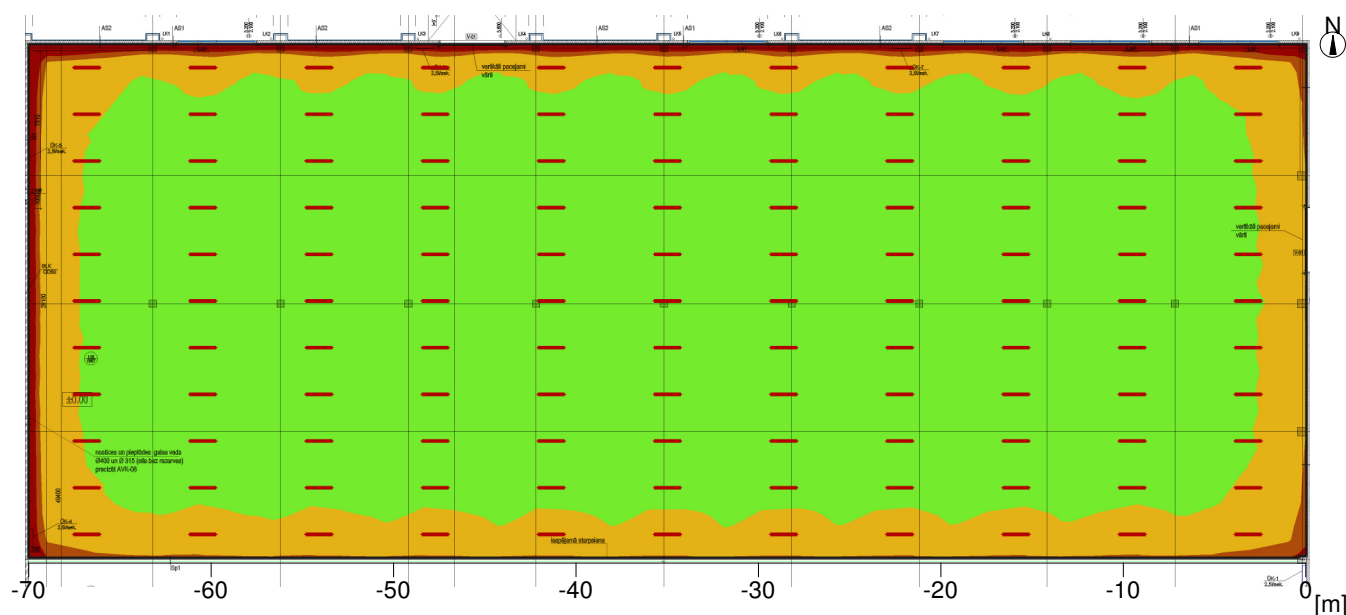
Object : Ventspils Ganību iela  
Installation : Darba apgaismojums  
Project number : 1  
Date : 05.02.2018

**RELUX®**

## 1 116

### 1.2 Summary, 116

#### 1.2.1 Result overview, Evaluation area 1



#### General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	7.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	1210000.00 lm
Total power	8954.0 W
Total power per area (1966.96 m²)	4.55 W/m² (0.89 W/m²/100lx)

#### Evaluation area 1

User profile

#### Reference plane 1.1

Industrial activities and crafts - Printers  
5.21.1 (EN 12464-1, 8.2011) Cutting, gilding, embossing, block engraving, work on stones and platens, printing machines, matrix making (Ra >80.00)  
Horizontal

Em	511 lx	(>= 500 lx)
Emin	298 lx	
Emin/Eav (Uo)	0.58	(>= 0.60)
Emin/Emax (Ud)	0.49	
UGR (4.9H 12.2H)	<=20.9	(< 19.00)
Position	0.75 m	

#### Type No.\Make

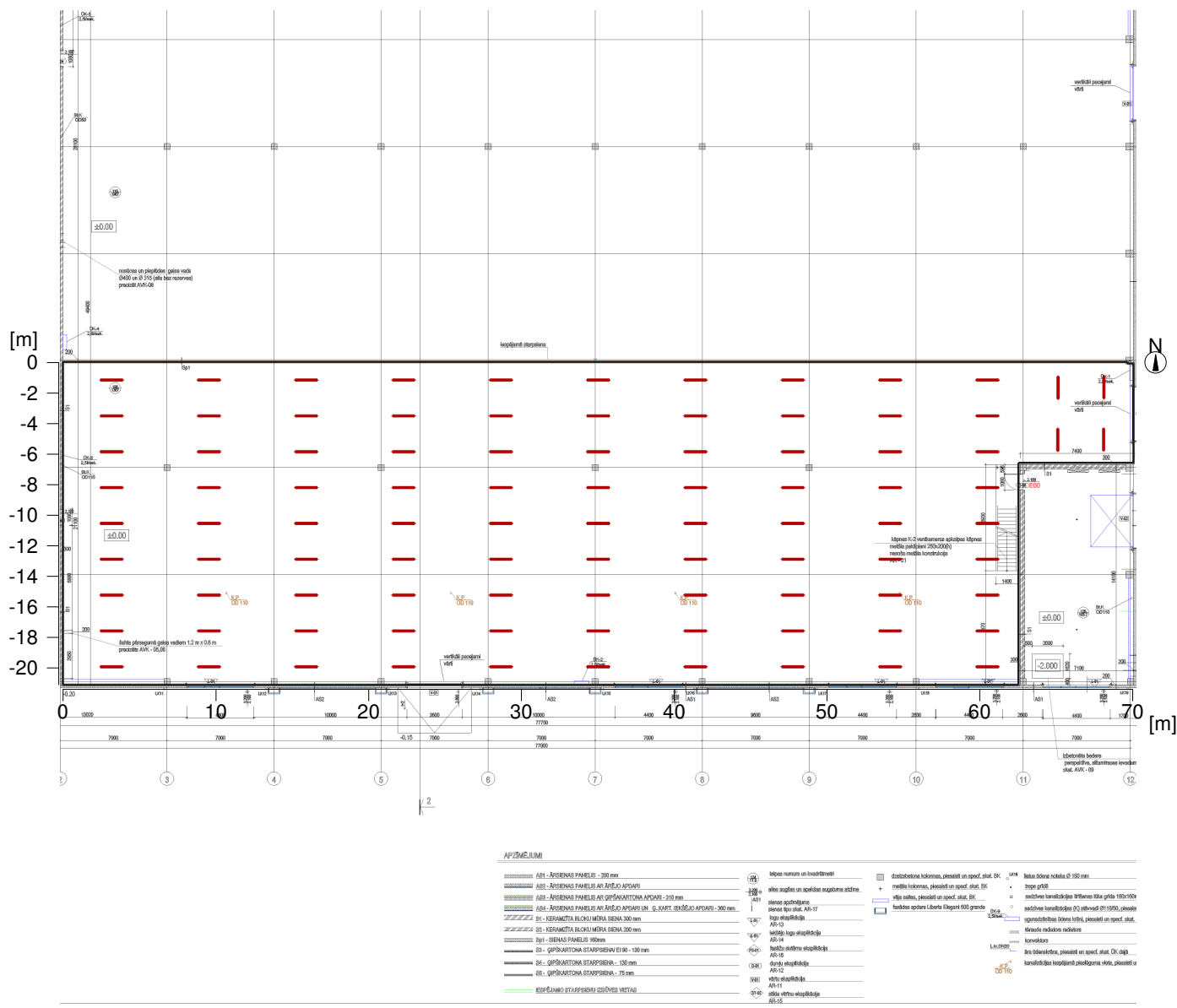
5	121	<b>TRILUX</b>	
		Order No.	: 6991440
		Luminaire name	: E-Line G2 MT LED10000-840
		Equipment	: 1 x 74 W / 10000 lm

-please put your own address here-

## 2 106

### 2.1 Description, 106

#### 2.1.1 Floor plan

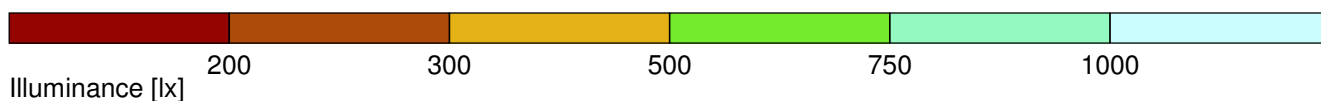
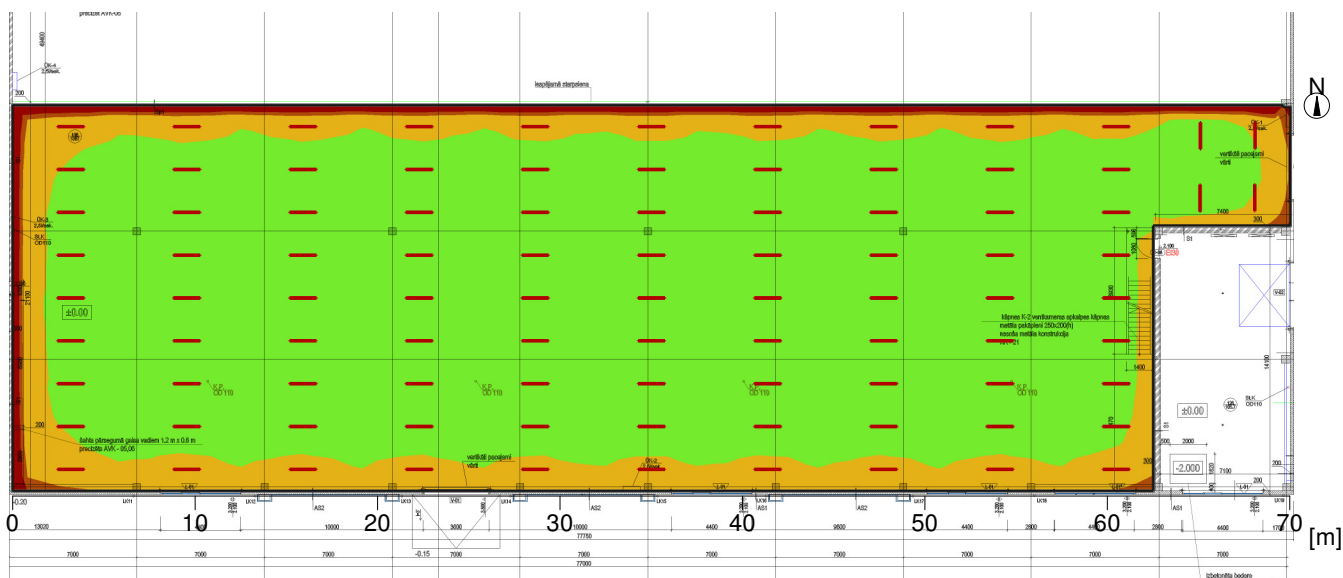


Wall	x	y	Length	Reflectance
1	75.30 m	196.63 m	21.10 m	50.0 %
2	137.78 m	196.63 m	62.48 m	50.0 %
3	137.78 m	211.15 m	14.52 m	50.0 %
4	145.30 m	211.15 m	7.52 m	50.0 %
5	145.30 m	217.63 m	6.48 m	50.0 %
6	144.90 m	217.63 m	0.40 m	50.0 %
7	144.90 m	217.73 m	0.10 m	50.0 %
8	75.30 m	217.73 m	69.60 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		7.00 m		
Height of reference plane		0.75 m		

## 2 106

### 2.2 Summary, 106

#### 2.2.1 Result overview, Evaluation area 1



#### General

Calculation algorithm used  
 Height of luminaire plane  
 Maintenance factor

Average indirect fraction  
 7.00 m  
 0.80

Total luminous flux of all lamps  
 Total power  
 Total power per area (1367.77 m<sup>2</sup>)

940000.00 lm  
 6956.0 W  
 5.09 W/m<sup>2</sup> (0.93 W/m<sup>2</sup>/100lx)

#### Evaluation area 1

User profile

#### Reference plane 1.1

Industrial activities and crafts - Printers  
 5.21.1 (EN 12464-1, 8.2011) Cutting, gilding, embossing, block engraving, work on stones and platens, printing machines, matrix making (Ra >80.00)  
 Horizontal

Em 545 lx (>= 500 lx)  
 Emin 294 lx  
 Emin/Eav (Uo) 0.54 (>= 0.60)  
 Emin/Emax (Ud) 0.45  
 UGR (3.7H 12.2H) <=21.0 (< 19.00)  
 Position 0.75 m

#### Type No.\Make

5	94	<b>TRILUX</b>	
		Order No.	: 6991440
		Luminaire name	: E-Line G2 MT LED10000-840
		Equipment	: 1 x 74 W / 10000 lm