

Date:

13-06-2014

The nominal values shown in this report are the result of precision calculations, based upon precisely positioned luminaires in a fixed relationship to each other and to the area under examination. In practice the values may vary due to tolerances on luminaires, luminaire positioning, reflection properties and electrical supply.

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1. Summary

1.1 General Information

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	3	DEN 36 PL-L	2 * PL-L (TC-L) 36W	88.0	2 * 2900

The total installed power: 0.26 (kWatt)

1.3 Calculation Results

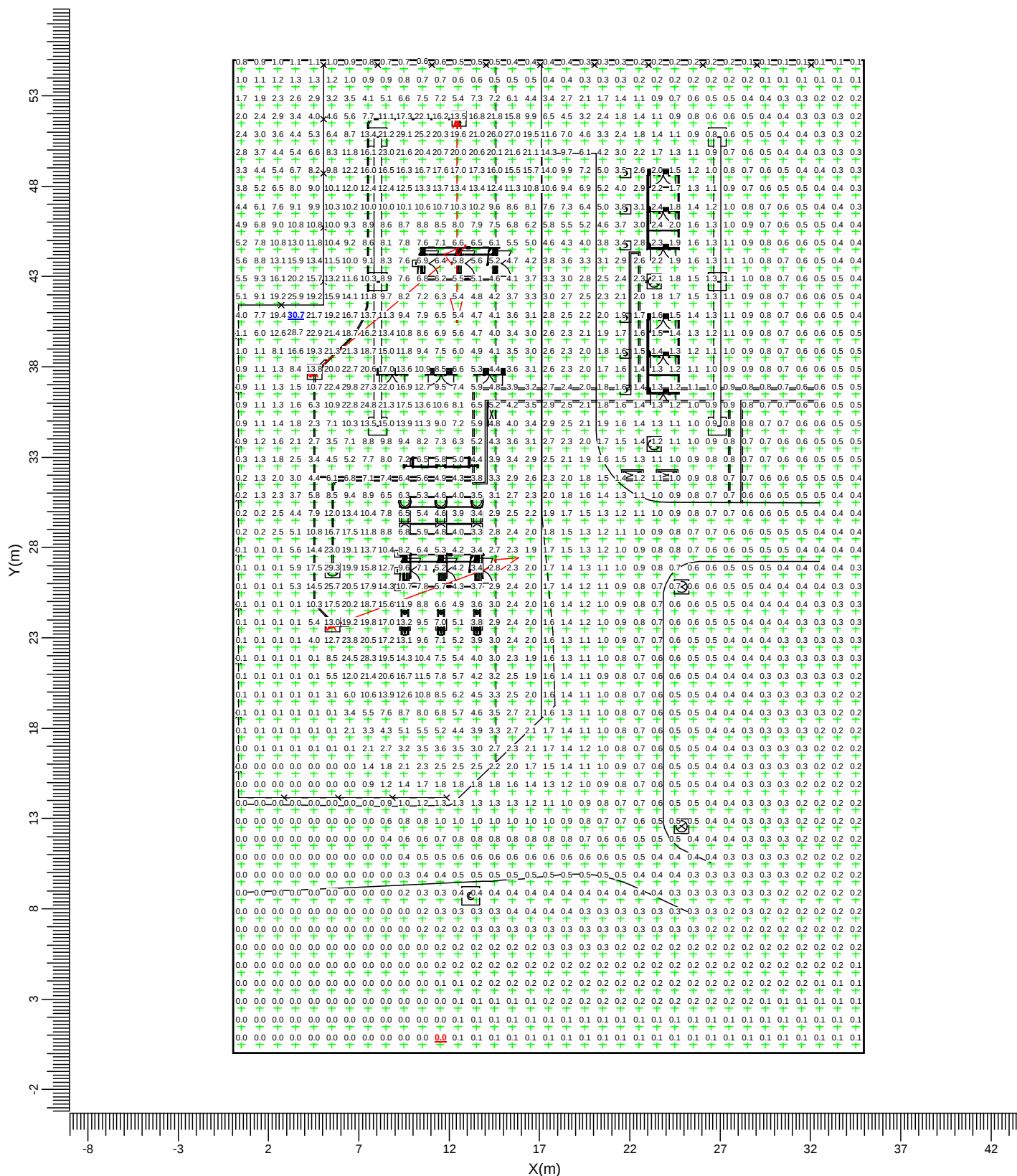
(II)luminance Calculations:

Calculation	Type	Unit	Ave	Min/Ave	Min/Max
General	Surface Illuminance	lux	3.13	0.01	0.00

2. Calculation Results

2.1 General: Graphical Table

Grid : General at Z = 1.00 m
Calculation : Surface Illuminance (lux)



A DEN 36 PL-L

Average
3.13

Min/Ave
0.01

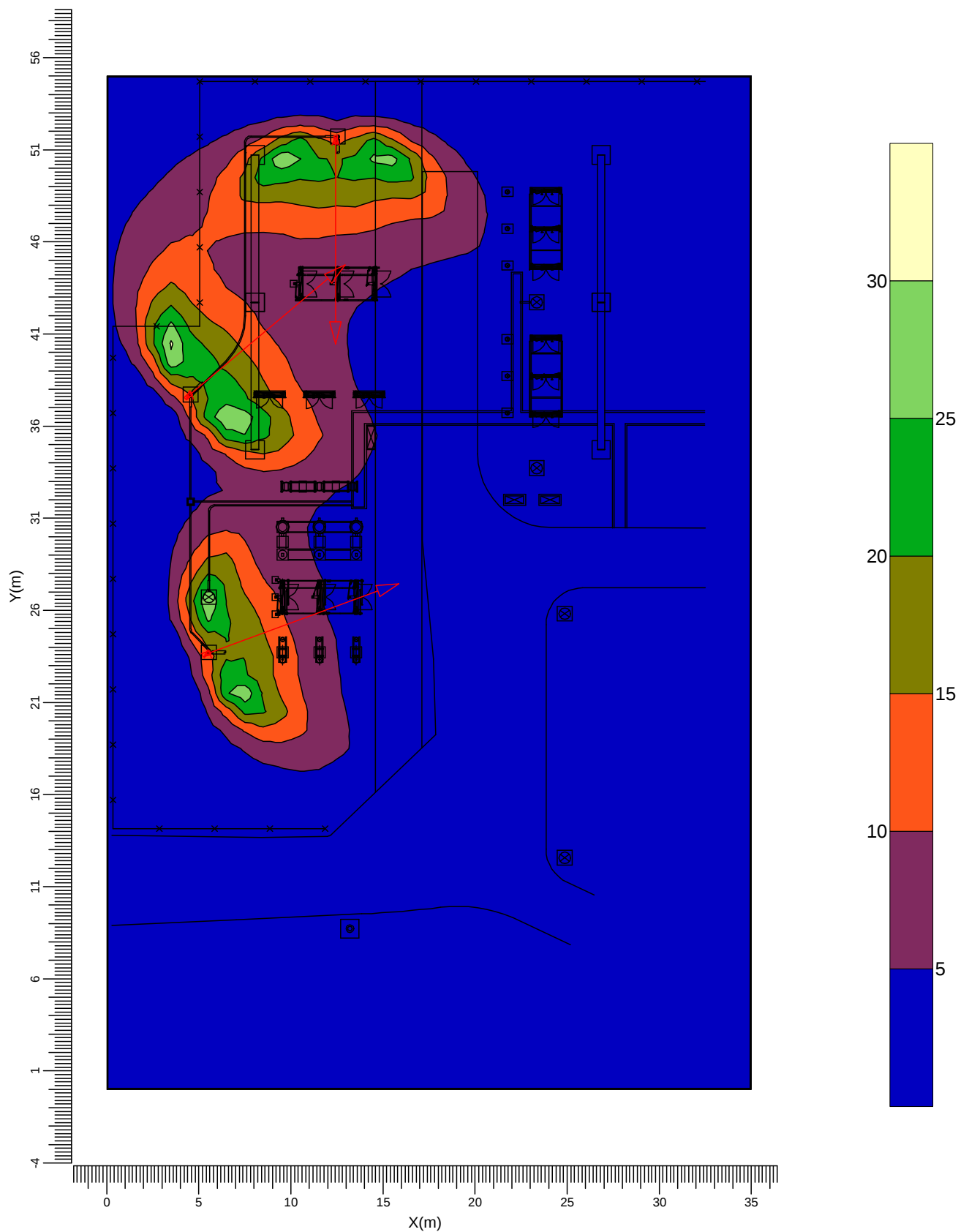
Min/Max
0.00

Project maintenance factor
1.00

Scale
1:300

2.2 General: Filled Iso Contour

Grid : General at Z = 1.00 m
 Calculation : Surface Illuminance (lux)



A ———> DEN 36 PL-L

Average
3.13

Min/Ave
0.01

Min/Max
0.00

Project maintenance factor
1.00

Scale
1:300

3. Luminaire Details

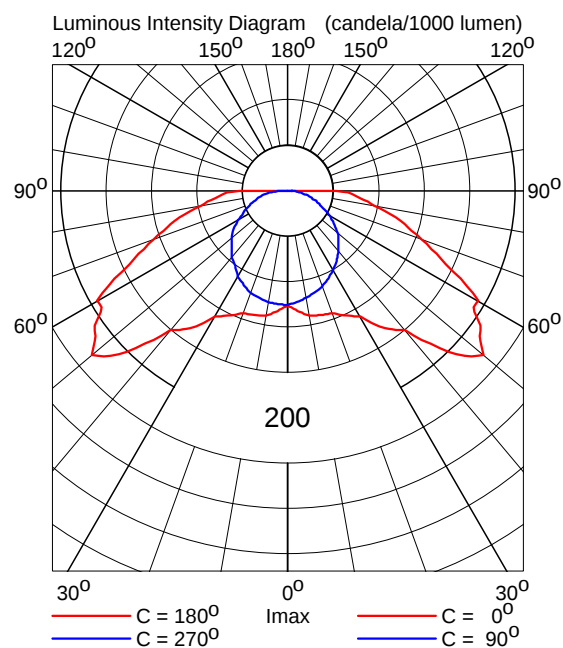
3.1 Project Luminaires

DEN 36 PL-L 2xPL-L (TC-L) 36W/4000

Light output ratios

DLOR	: 0.62
ULOR	: 0.00
TLOR	: 0.62
Lamp flux	: 2900 lm
Luminaire wattage	: 88.0 W
Measurement code	: 03-4121/07

Note: Luminaire data not from database.



4. Installation Data

4.1 Legends

Project Luminaires:

Code	Qty	Luminaire Type	Lamp Type	Flux (lm)
A	3	DEN 36 PL-L	2 * PL-L (TC-L) 36W	2 * 2900

4.2 Luminaire Positioning and Orientation

Qty and Code	Position			Aiming Angles		
	X (m)	Y (m)	Z (m)	Rot.	Tilt90	Tilt0
1 * A	4.51	37.70	5.00	40.0	70.0	0.0
1 * A	5.51	23.67	5.00	20.0	70.0	0.0
1 * A	12.43	51.46	5.00	-90.0	70.0	0.0