

Installation :

Project number :

Customer :

Processed by : Dan Wilson

Date : 10.09.2015

Project description:

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.

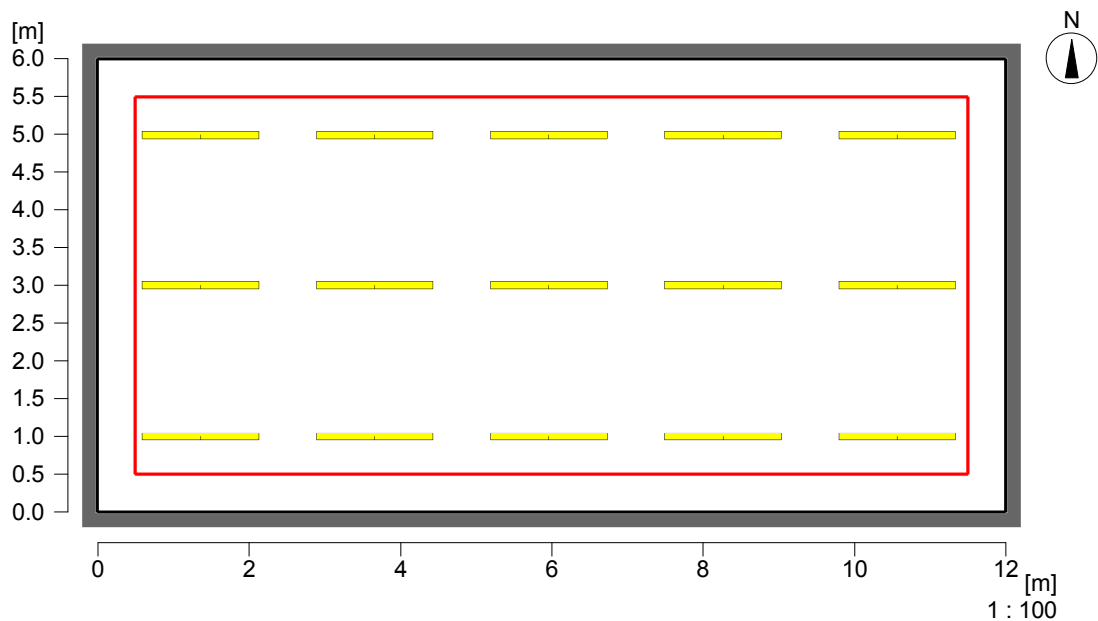
Relux and the luminaire manufacturers accept no liability for consequential damage and damage which is occasioned to the user or to third parties.

Object :
Installation :
Project number :
Date : 10.09.2015

1 Room 1

1.1 Description, Room 1

1.1.1 Floor plan



Room data:

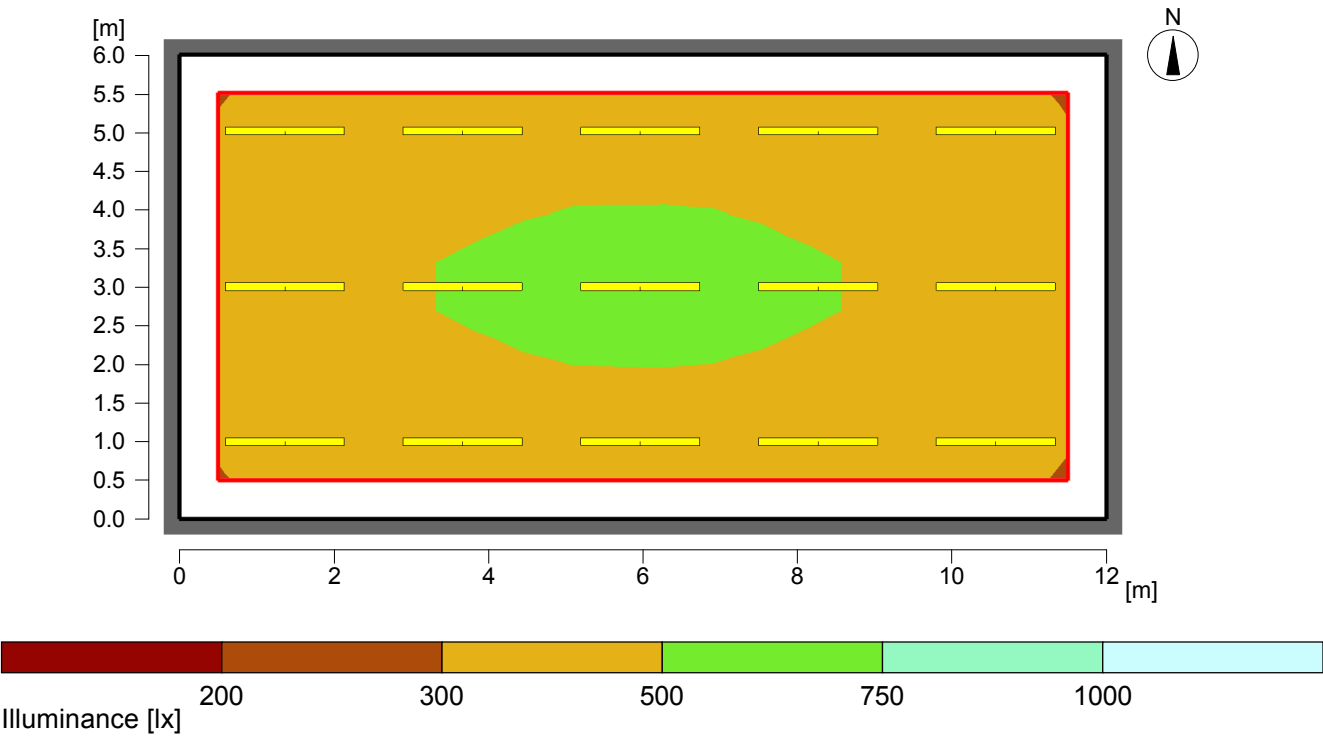
W1	: 12.00	50.0 %
W2	: 6.00	50.0 %
W3	: 12.00	50.0 %
W4	: 6.00	50.0 %
W5	: ----	----
W6	: ----	----
Floor:	----	20.0 %
Ceiling:	----	70.0 %
Room height [m]:	5.00	
Height of reference plane [m]:	0.75	
Height of luminaire plane [m]:	5.00	

Reflectance:

1 Room 1

1.2 Summary, Room 1

1.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used	High indirect fraction
Height of luminaire plane	5.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	70125 lm
Total power	735.0 W
Total power per area (72.00 m²)	10.21 W/m² (2.30 W/m²/100lx)

Evaluation area 1

Em	445 lx
Emin	321 lx
Emin/Eav (Uo)	0.72
Emin/Emax (Ud)	0.61
UGR (1.6H 3.2H)	<=21.3
Position	0.75 m

Reference plane 1.1

Horizontal
445 lx
321 lx
0.72
0.61
<=21.3
0.75 m

Major surfaces

m 1.5 (Ceiling)	Em	Uo
m 1.1 (Wall)	190 lx	0.77
m 1.2 (Wall)	368 lx	0.52
m 1.3 (Wall)	298 lx	0.68
m 1.4 (Wall)	368 lx	0.52
m 1.4 (Wall)	304 lx	0.67

Object :
Installation :
Project number :
Date : 10.09.2015

1 Room 1

1.2 Summary, Room 1

1.2.1 Result overview, Evaluation area 1

Type No.\Make

Type	No.	Make
1	15	JCC
		Order No. : JC71501
		Luminaire name : ToughLED Single 5ft
		Equipment : 1 x LED PANELS / 4675 lm