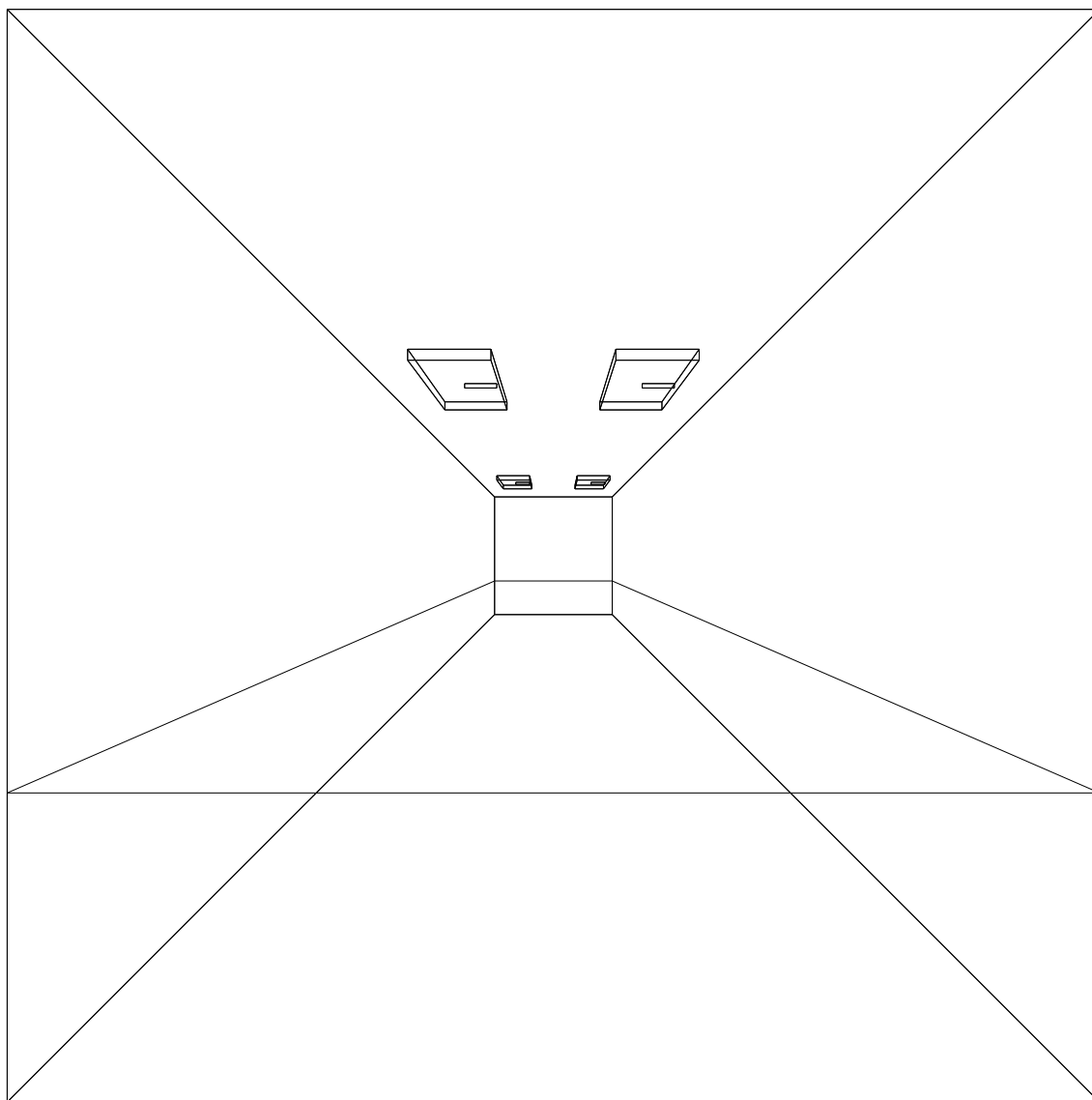


Pavyzdys

Installation Notes: EUPC
Customer: EUPC
Project Code: EUPC
Date: 06/05/2013

Notes:
www.eupc.lt



DESIGNER NAME: www.eupc.lt Elektros ūkio priežiūra
Address: Žalgirio g. 108, Vilnius
Tel.-Fax: +370 678 42525

Remarks:
867842525

1.1 General Notes

Surface	Dimensions [m]	Angle[°]	Color	Coefficient Reflectance	Average Illum. [lux]	Ave.Luminance [cd/m²]
Floor	3.00x6.00	Plane	RGB=135,135,135	40%	364	46.37
Wall 4	3.00x6.00	-90°	RGB=200,180,140	55%	298	52.09
Wall 3	3.00x3.00	-180°	RGB=200,180,140	55%	229	40.08
Wall 2	3.00x6.00	90°	RGB=200,180,140	55%	297	52.05
Wall 1	3.00x3.00	0°	RGB=200,180,140	55%	230	40.29
Ceiling	6.00x3.00	Plane	RGB=255,255,255	80%	142	36.10

Dimensions of Room Bounding Box [m]: 3.00x6.00x3.00
 Calculation Points Grid of Bounding Box [m]: direction X 0.25 - Y 0.50 - Z 0.25
 Working Plane Specific Wattage [W/m²] 16.000
 Specific Lighting Power of the Working Plane [W/(m² * 100lux)] 3.402
 Total Wattage [kW]: 0.288

1.2 Uniformity Installation Parameters

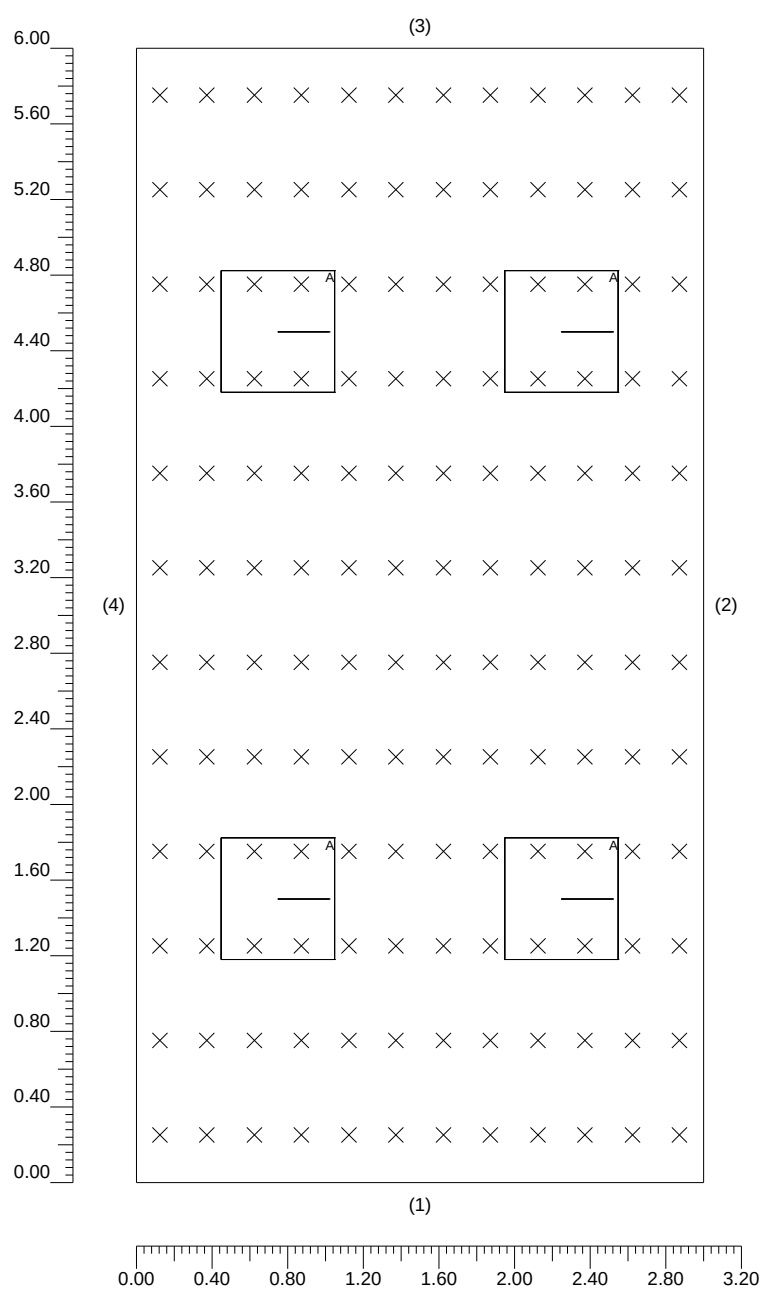
Surface	Results	Average	Minimum	Maximum	Min/Ave	Min/Max	Ave/Max
Working Plane (h=0.85 m)	Horizontal Illuminance (E)	470 lux	285 lux	592 lux	0.61	0.48	0.79
Floor	Horizontal Illuminance (E)	364 lux	259 lux	407 lux	0.71	0.64	0.89
Floor	Luminance (L)	0.00 cd/m²	0.00 cd/m²	0.00 cd/m²	-	-	-

Calculation Type

Dir.+Indir.(7 Inter-Reflections)

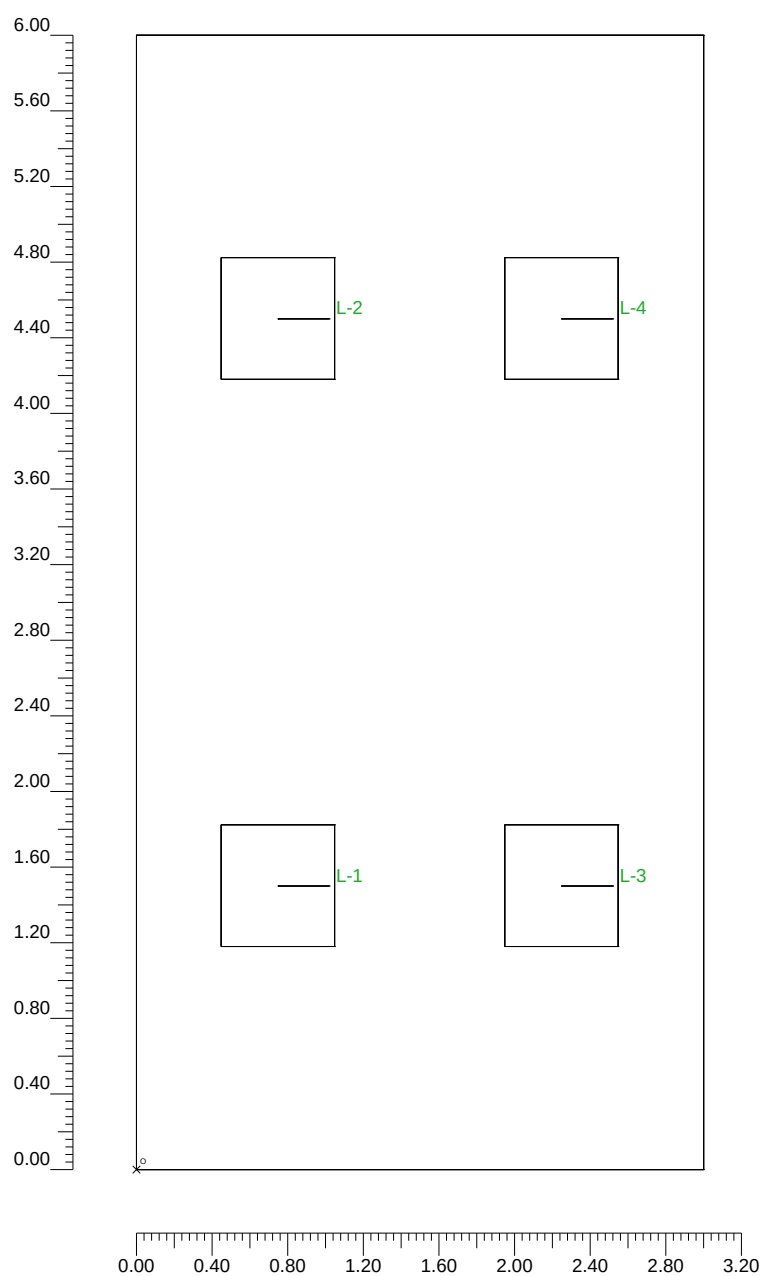
2.1 Working Plane 2D View and Calculation Grid

Scale 1/40



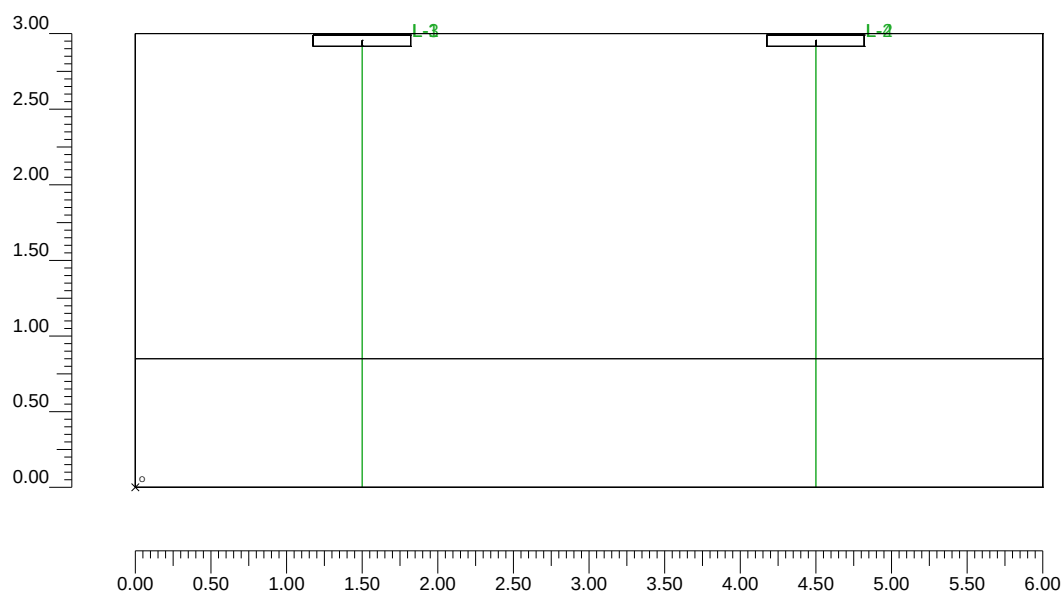
2.2 2D Plane View

Scale 1/40



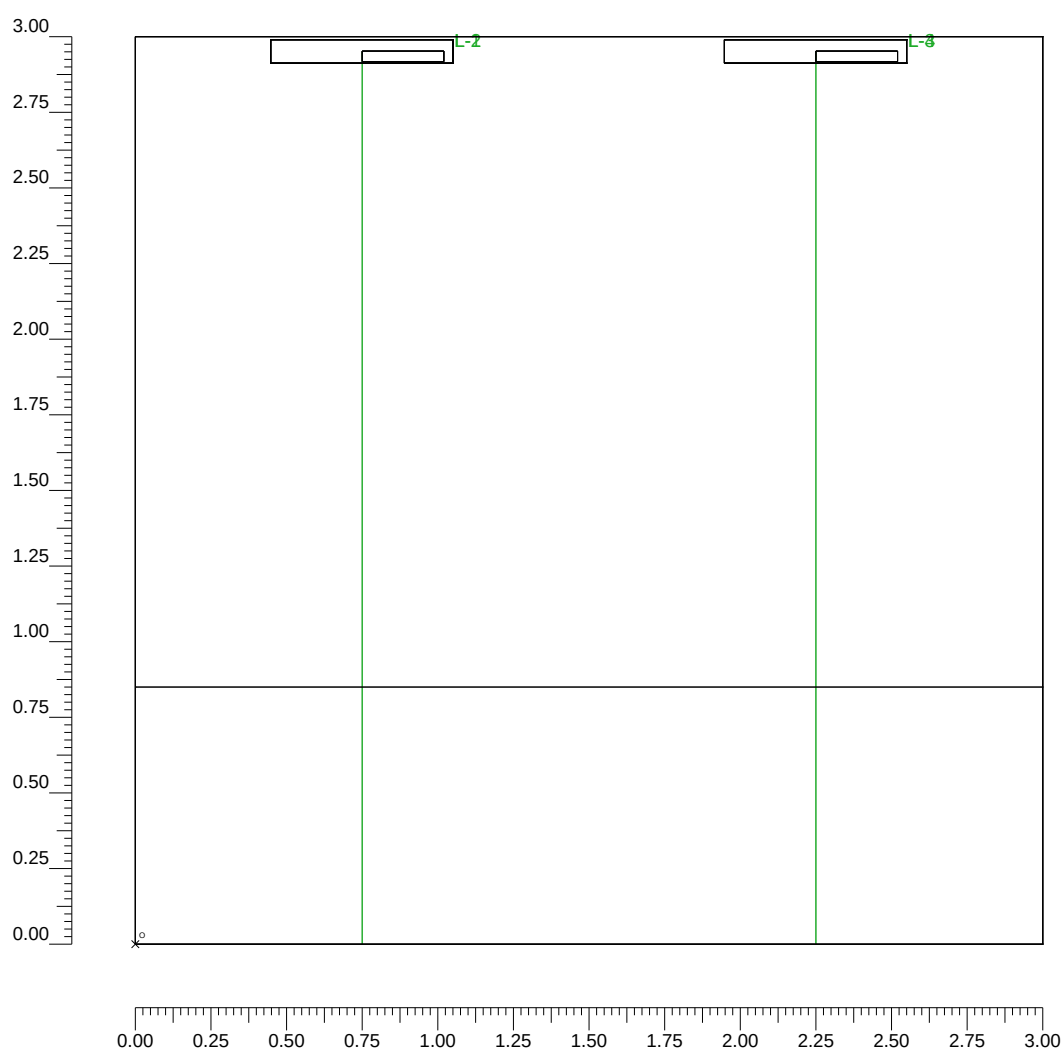
2.3 Lateral View

Scale 1/50



2.4 Front View

Scale 1/25



3.1 Luminaire/Measurements Info

Ref.	Line	Luminaire Name (Measur. Name)	Luminaire Code (Measur. Code)	Luminaires N.	Ref.Lamps	Lamps N.
A	Leonardo Luce Italia Office	ASTRO 4X18W ALL. PARAB. (SERIE 1000 4X18W LAM. F.PARAB.)	28691 (CL1809/03-12I)	4	LMP-A	4

3.2 Lamps Info

Ref.Lamps	Type	Code	Flux [lm]	Wattage [W]	Color [K]	N.
LMP-A	FD 18	18W TR 840	1350	18	4000	16

3.3 Luminaire Table

Ref.	Lum.	On	Luminaire Position X[m] Y[m] Z[m]	Luminaire Rotation X[°] Y[°] Z[°]	Luminaire Code	Coeff. Mant.	Lamp Code	Flux [lm]
A	1	X	0.75;1.50;2.95	0.0;0.0;0.0	28691	0.80	18W TR 840	4*1350
	2	X	0.75;4.50;2.95	0.0;0.0;0.0		0.80		
	3	X	2.25;1.50;2.95	0.0;0.0;0.0		0.80		
	4	X	2.25;4.50;2.95	0.0;0.0;0.0		0.80		

3.4 Aiming Summary Table

Mast	Row	Column	Ref. 2D	On	Luminaire Position X[m] Y[m] Z[m]	Luminaire Rotation X[°] Y[°] Z[°]	Aiming X[m] Y[m] Z[m]	R.Axis [°]	Coeff. Mant.	Ref.
			L-1	X	0.75;1.50;2.95	0.0;0.0;0.0	0.75;1.50;0.00	0	0.80	A
			L-2	X	0.75;4.50;2.95	0.0;0.0;0.0	0.75;4.50;0.00	0	0.80	A
			L-3	X	2.25;1.50;2.95	0.0;0.0;0.0	2.25;1.50;0.00	0	0.80	A
			L-4	X	2.25;4.50;2.95	0.0;0.0;0.0	2.25;4.50;0.00	0	0.80	A

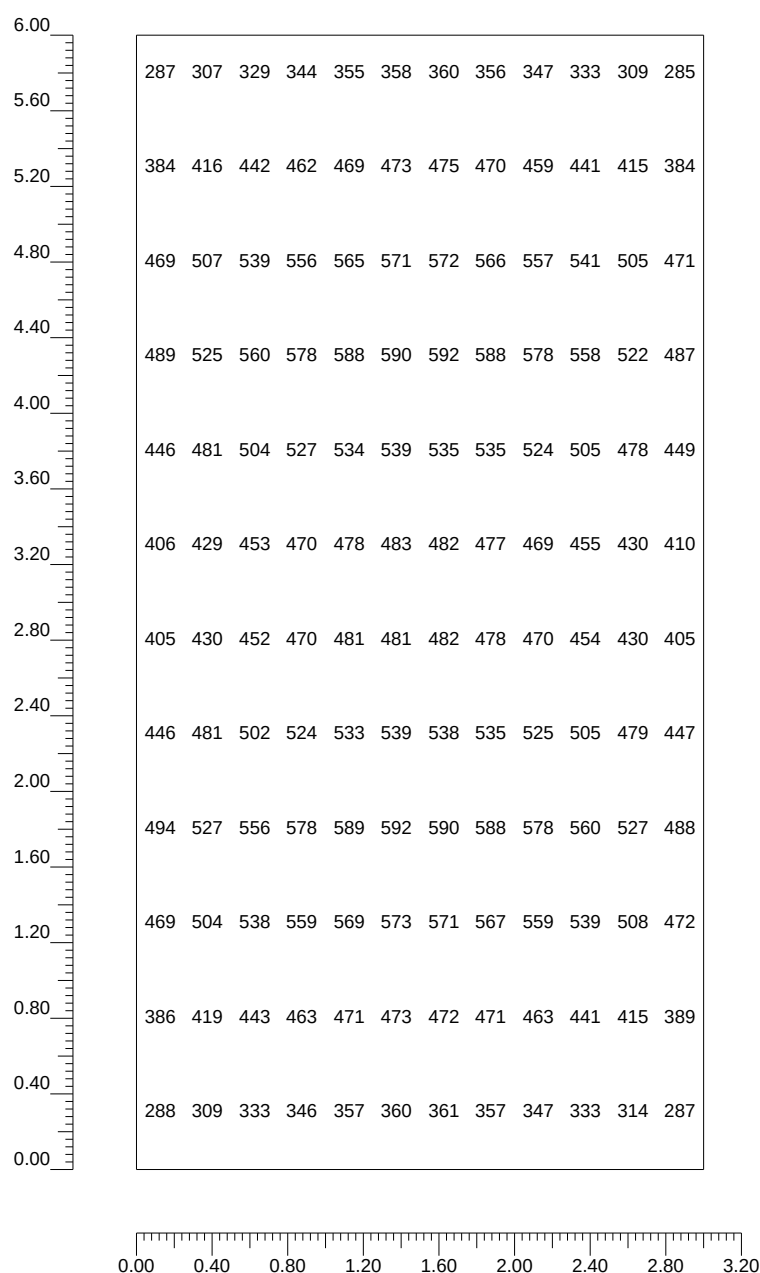
4.1 Horizontal Illuminance Values on the Working Plane

O (x:0.00 y:0.00 z:0.85)	Results	Average	Minimum	Maximum	Min/Ave	Min/Max	Ave/Max
DX:0.25 DY:0.50	Horizontal Illuminance (E)	470 lux	285 lux	592 lux	0.61	0.48	0.79

Calculation Type

Dir.+Indir.(7 Inter-Reflections)

Scale 1/40



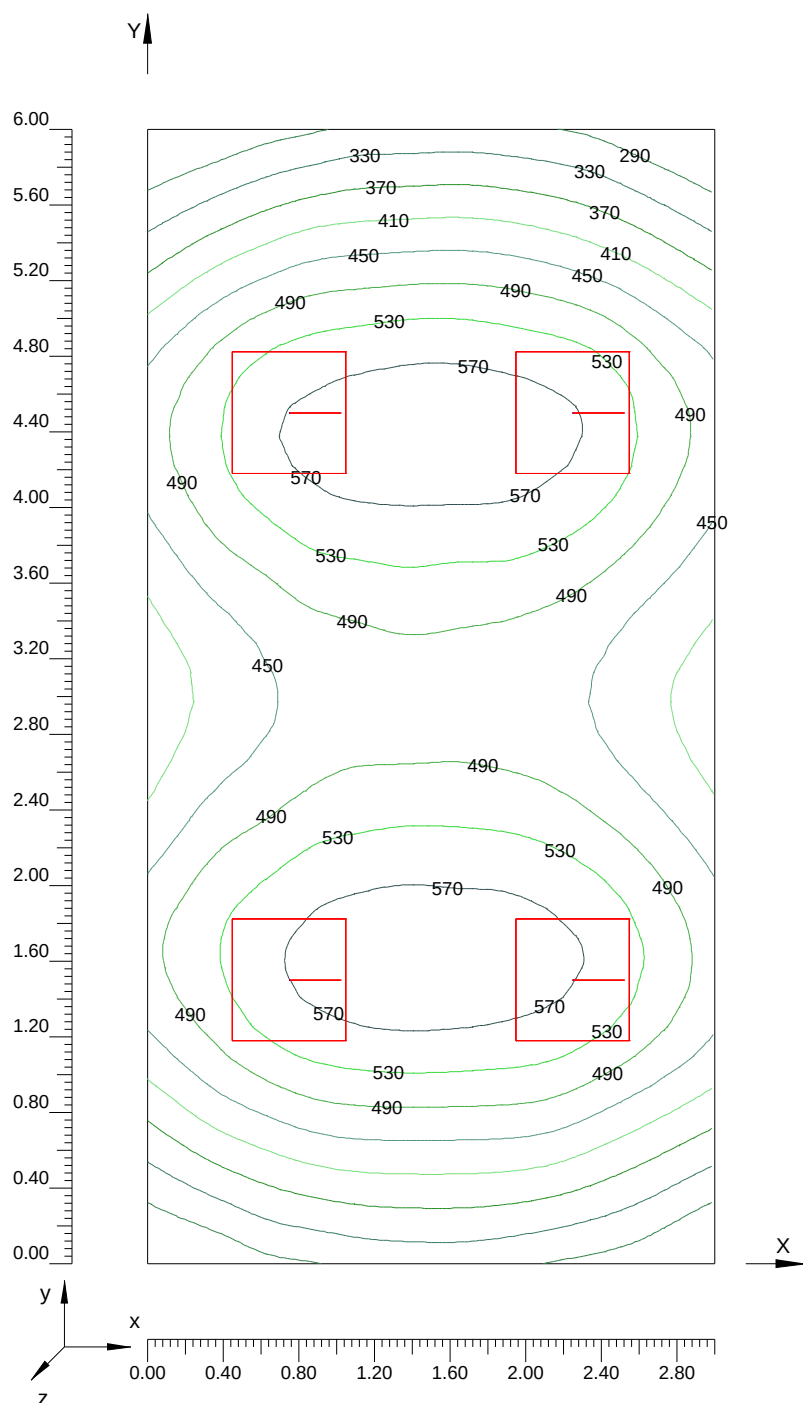
4.3 Isolux Curves on:Working Plane_1

O (x:0.00 y:0.00 z:0.85)	Results	Average	Minimum	Maximum	Min/Ave	Min/Max	Ave/Max
DX:0.25 DY:0.50	Horizontal Illuminance (E)	470 lux	285 lux	592 lux	0.61	0.48	0.79

Calculation Type

Dir.+Indir.(7 Inter-Reflections)

Scale 1/40



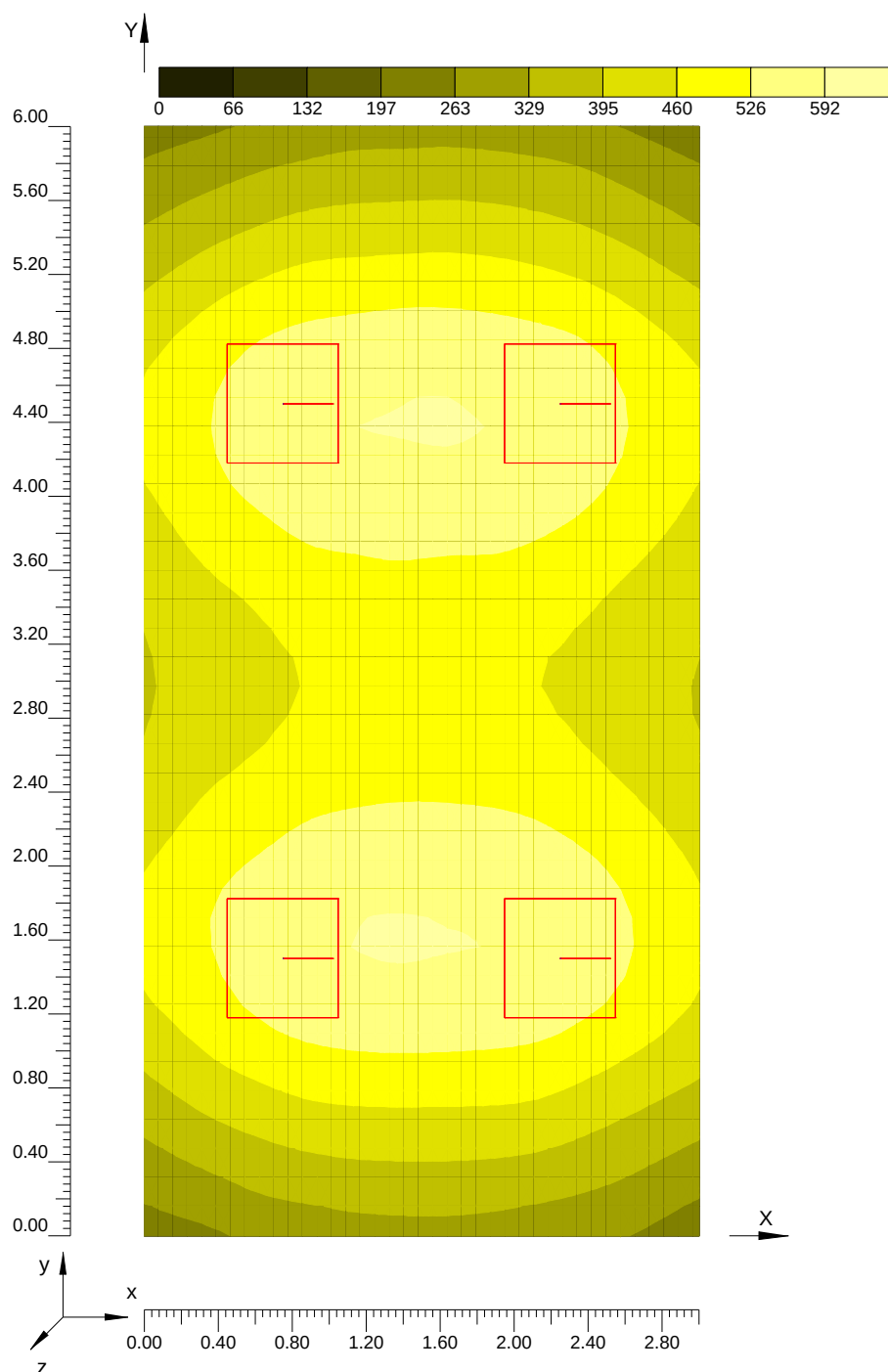
4.4 Illuminance Spot Diagram on:Working Plane_1_1

O (x:0.00 y:0.00 z:0.85)	Results	Average	Minimum	Maximum	Min/Ave	Min/Max	Ave/Max
DX:0.25 DY:0.50	Horizontal Illuminance (E)	470 lux	285 lux	592 lux	0.61	0.48	0.79

Calculation Type

Dir.+Indir.(7 Inter-Reflections)

Scale 1/40

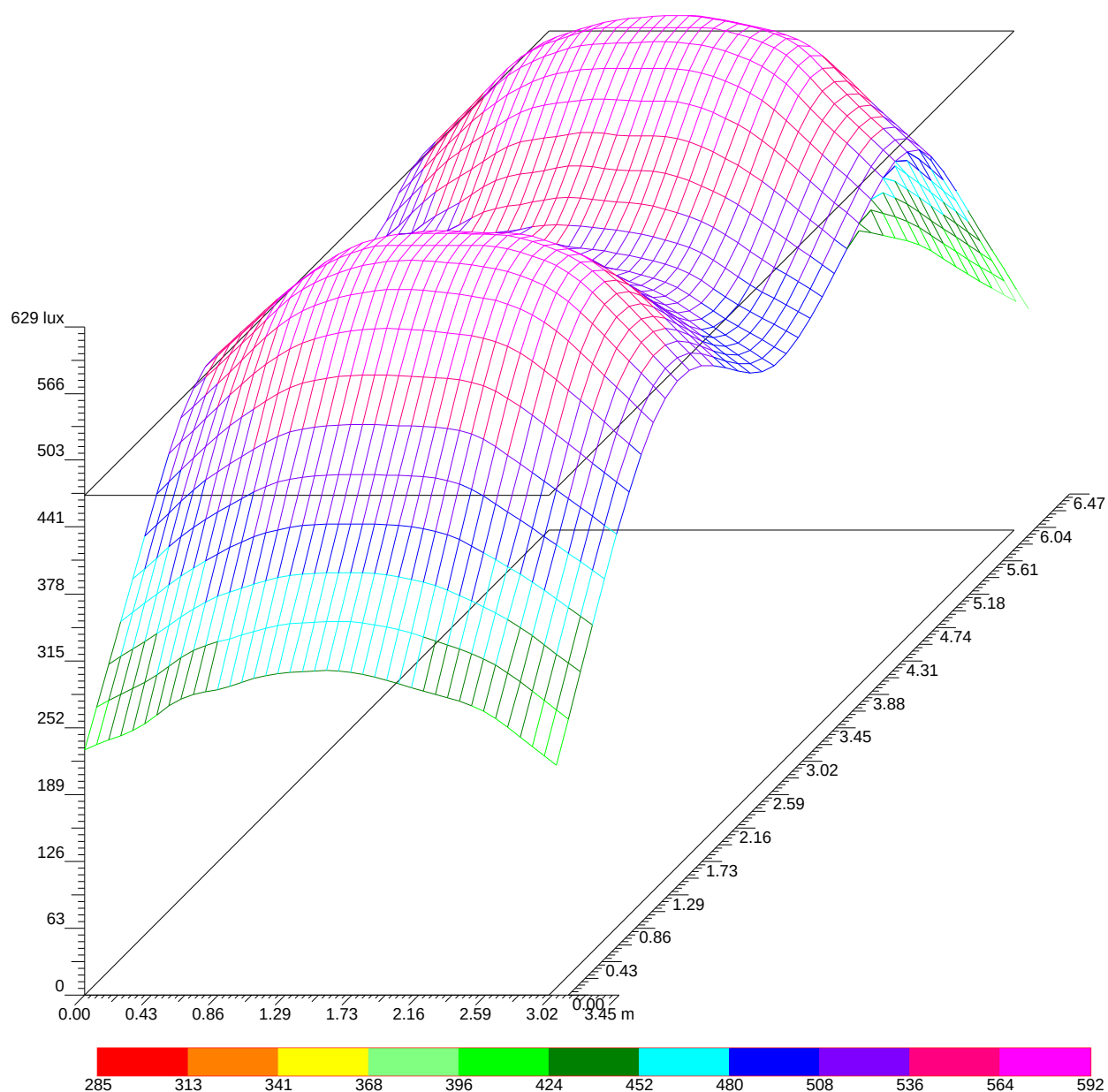


4.5 Illuminance Three-dimensional Values on :Working Plane_1_1_1

O (x:0.00 y:0.00 z:0.85)	Results	Average	Minimum	Maximum	Min/Ave	Min/Max	Ave/Max
DX:0.25 DY:0.50	Horizontal Illuminance (E)	470 lux	285 lux	592 lux	0.61	0.48	0.79

Calculation Type

Dir.+Indir.(7 Inter-Reflections)



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