4 - Axis - Office

Installation : Comfolight2_Surface Mounted139_BAP

Project number	:	Musteranlage
Customer	:	
Processed by	:	Siteco
Date	:	01.2008

Project description:
Room dimensions L/ B/ H: 5,4/ 5,4/ 2,7 m
Building Axis 1,35 m

According to DIN EN 12 464
Maintenance factor 0,67
Lighting direct

1 Luminaire data

1.1 siteco, BAP (65°/1000 cd/m²)-Spiegelr... (5MF21B71LS)

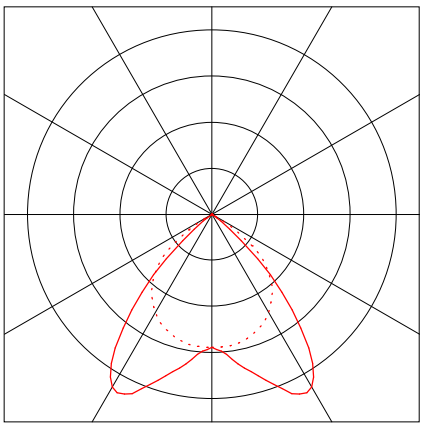
1.1.1 Data sheet

Manufacturer: siteco

5MF21B71LS **BAP (65°/1000 cd/m²)-Spiegelraster, hochglänzend**

Luminaire data		
Luminaires efficiency	:	71.3% (A60)
Control gear	:	
Length	:	954 mm
Width	:	162 mm
Height	:	56 mm

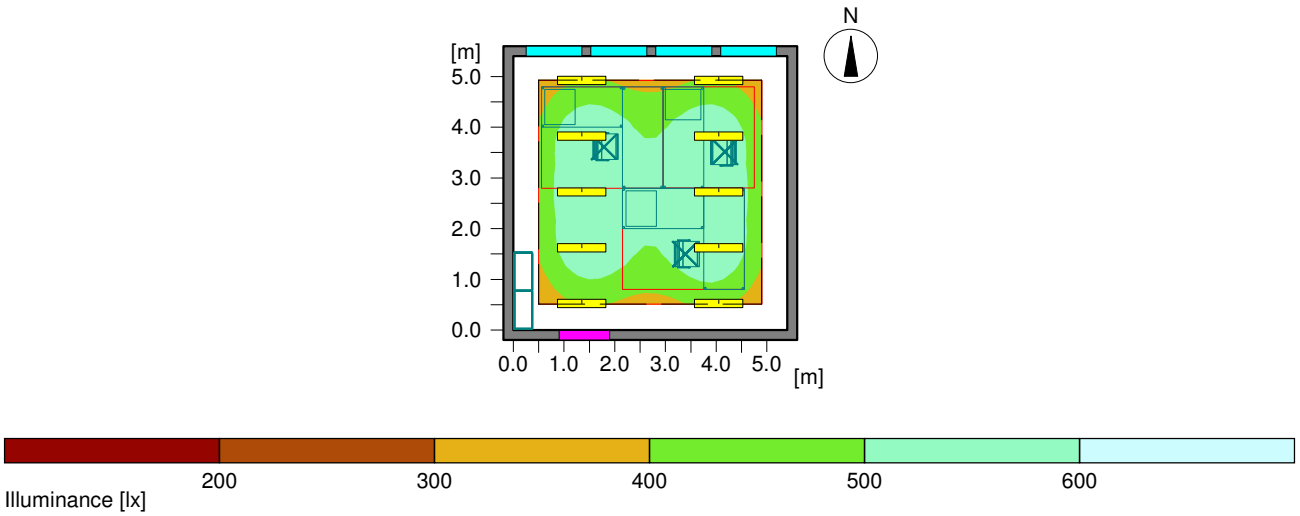
Equipped with		
Number of	:	1
Designation	:	FQ 39W/840
Power	:	0 W
Colour	:	
Luminous flux	:	3100 lm



2 Raum

2.1 Summary, Raum

2.1.1 Result overview, Reference plane 1



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.75 m
Height of luminaire plane	2.70 m
Maintenance factor	0.67
Total luminous flux of all lamps	31000 lm
Total power	0 W
Total power per area (29.16 m²)	0.00 W/m² (0.00 W/m²/100lx)

Illuminance

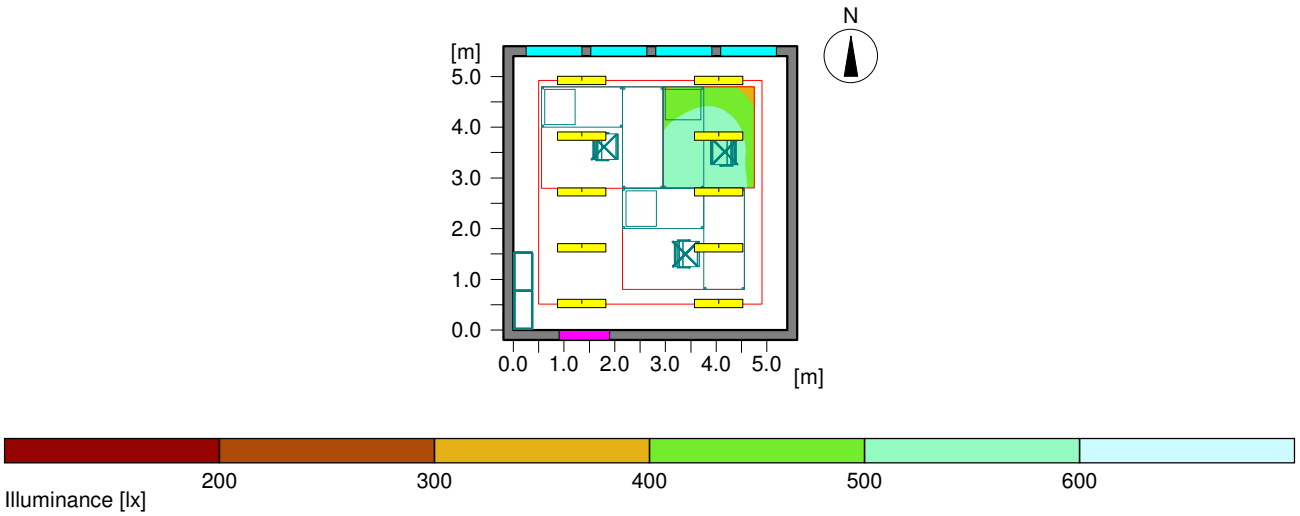
Average illuminance	Eav	502 lx
Minimum illuminance	Emin	327 lx
Maximum illuminance	Emax	591 lx
Uniformity g1	Emin/Em	1:1.53 (0.65)
Uniformity g2	Emin/Emax	1:1.81 (0.55)

Type No.\Make

		siteco	
2	10	Order No.	: 5MF21B71LS
		Luminaire name	: BAP (65°/1000 cd/m²)-Spiegelraster, hochglänzend
		Equipment	: 1 x FQ 39W/840 0 W / 3100 lm

2.1 Summary, Raum

2.1.2 Result overview, Measuring area (virtual) 1.1



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.75 m
Height of luminaire plane	2.70 m
Maintenance factor	0.67
Total luminous flux of all lamps	31000 lm
Total power	0 W
Total power per area (29.16 m²)	0.00 W/m²

Illuminance

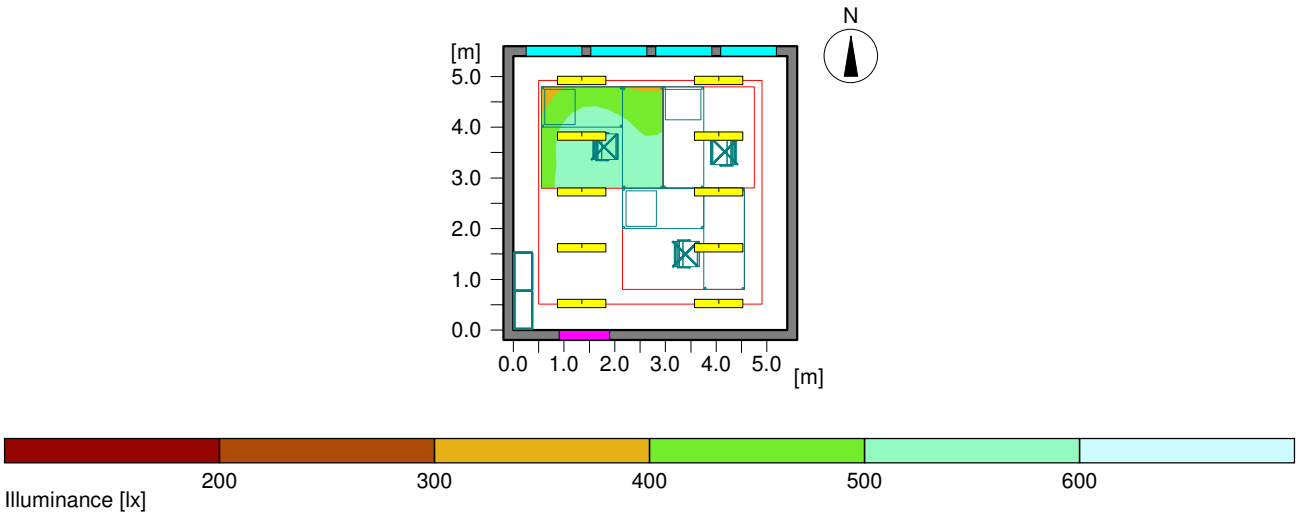
Average illuminance	Eav	515 lx
Minimum illuminance	Emin	364 lx
Maximum illuminance	Emax	587 lx
Uniformity g1	Emin/Em	1:1.42 (0.71)
Uniformity g2	Emin/Emax	1:1.61 (0.62)

Type No.\Make

		siteco	
2	10	Order No.	: 5MF21B71LS
		Luminaire name	: BAP (65°/1000 cd/m²)-Spiegelraster, hochglänzend
		Equipment	: 1 x FQ 39W/840 0 W / 3100 lm

2.1 Summary, Raum

2.1.3 Result overview, Measuring area (virtual) 1.2



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.75 m
Height of luminaire plane	2.70 m
Maintenance factor	0.67
Total luminous flux of all lamps	31000 lm
Total power	0 W
Total power per area (29.16 m²)	0.00 W/m²

Illuminance

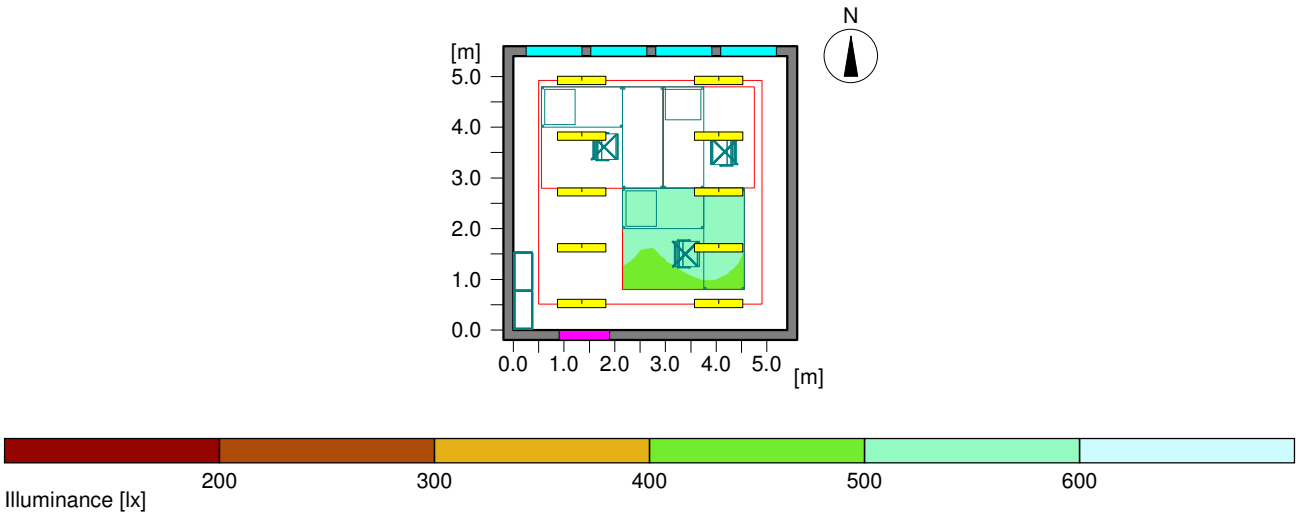
Average illuminance	Eav	504 lx
Minimum illuminance	Emin	354 lx
Maximum illuminance	Emax	587 lx
Uniformity g1	Emin/Em	1:1.43 (0.7)
Uniformity g2	Emin/Emax	1:1.66 (0.6)

Type No.\Make

		siteco	
2	10	Order No.	: 5MF21B71LS
		Luminaire name	: BAP (65°/1000 cd/m²)-Spiegelraster, hochglänzend
		Equipment	: 1 x FQ 39W/840 0 W / 3100 lm

2.1 Summary, Raum

2.1.4 Result overview, Measuring area (virtual) 1.3



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.75 m
Height of luminaire plane	2.70 m
Maintenance factor	0.67
Total luminous flux of all lamps	31000 lm
Total power	0 W
Total power per area (29.16 m²)	0.00 W/m²

Illuminance

Average illuminance	Eav	524 lx
Minimum illuminance	Emin	420 lx
Maximum illuminance	Emax	587 lx
Uniformity g1	Emin/Em	1:1.25 (0.8)
Uniformity g2	Emin/Emax	1:1.4 (0.72)

Type No.\Make

		siteco	
2	10	Order No.	: 5MF21B71LS
		Luminaire name	: BAP (65°/1000 cd/m²)-Spiegelraster, hochglänzend
		Equipment	: 1 x FQ 39W/840 0 W / 3100 lm

2 Raum

2.2 Calculation results, Raum

2.2.1 3D luminance, Ansicht von vorne

Luminance in the scene
Minimum: : 0 cd/m²
Maximum: : 148 cd/m²