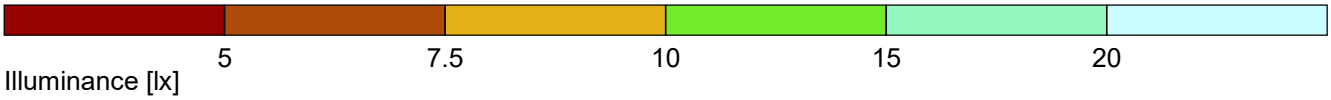
1 Room 1

1.1 Summary, Room 1

1.1.1 Result overview, Measuring area 1





Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.05 m
Height of luminaire plane	4.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	3450 lm
Total power	45 W
Total power per area (420.81 m²)	0.11 W/m²

Illuminance

Average illuminance	Eav	8.4 lx
Minimum illuminance	Emin	0.1 lx
Maximum illuminance	Emax	48.1 lx
Uniformity Uo	Emin/Em	1:145 (0.01)
Diversity Ud	Emin/Emax	1:835 (0)

Type No.\Make

		Orlight	
1	3	Order No.	: EZENTIAL145-4000K
		Luminaire name	: EZENTIAL145-4000K
		Equipment	: 1 x 15 W / 1150 lm

1.1 Summary, Room 1

1.1.2 Result overview, Measuring area 2





Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.05 m
Height of luminaire plane	4.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	3450 lm
Total power	45 W
Total power per area (420.81 m²)	0.11 W/m²

Illuminance

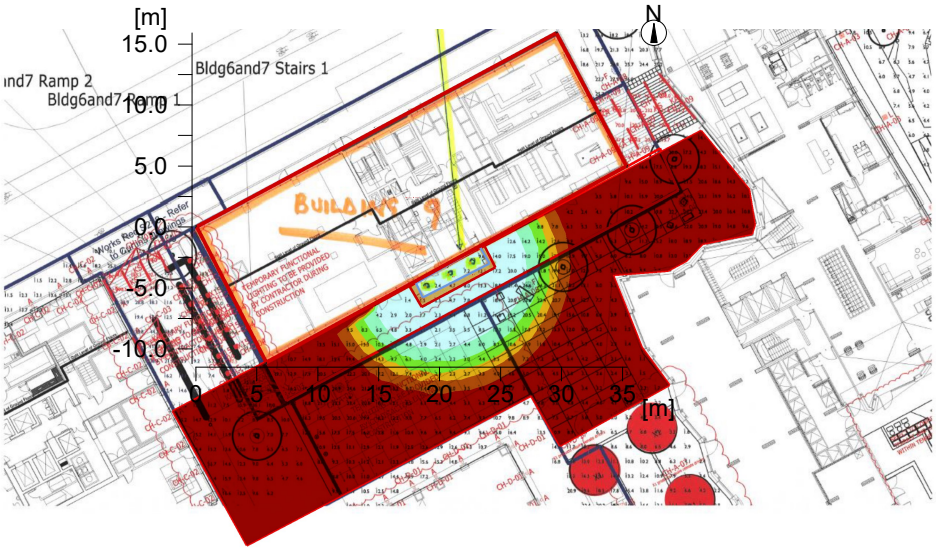
Average illuminance	Eav	37.9 lx
Minimum illuminance	Emin	19.9 lx
Maximum illuminance	Emax	48.1 lx
Uniformity Uo	Emin/Em	1:1.91 (0.52)
Diversity Ud	Emin/Emax	1:2.42 (0.41)

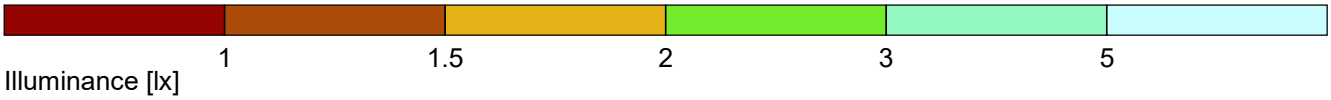
Type No.\Make

		Orlight	
1	3	Order No.	: EZENTIAL145-4000K
		Luminaire name	: EZENTIAL145-4000K
		Equipment	: 1 x 15 W / 1150 lm

1.1 Summary, Room 1

1.1.3 Result overview, Measuring area 3





Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.05 m
Height of luminaire plane	4.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	3450 lm
Total power	45 W
Total power per area (420.81 m²)	0.11 W/m²

Illuminance

Average illuminance	Eav	2.4 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	47.4 lx
Uniformity Uo	Emin/Em	1:147 (0.01)
Diversity Ud	Emin/Emax	1:2850 (0)

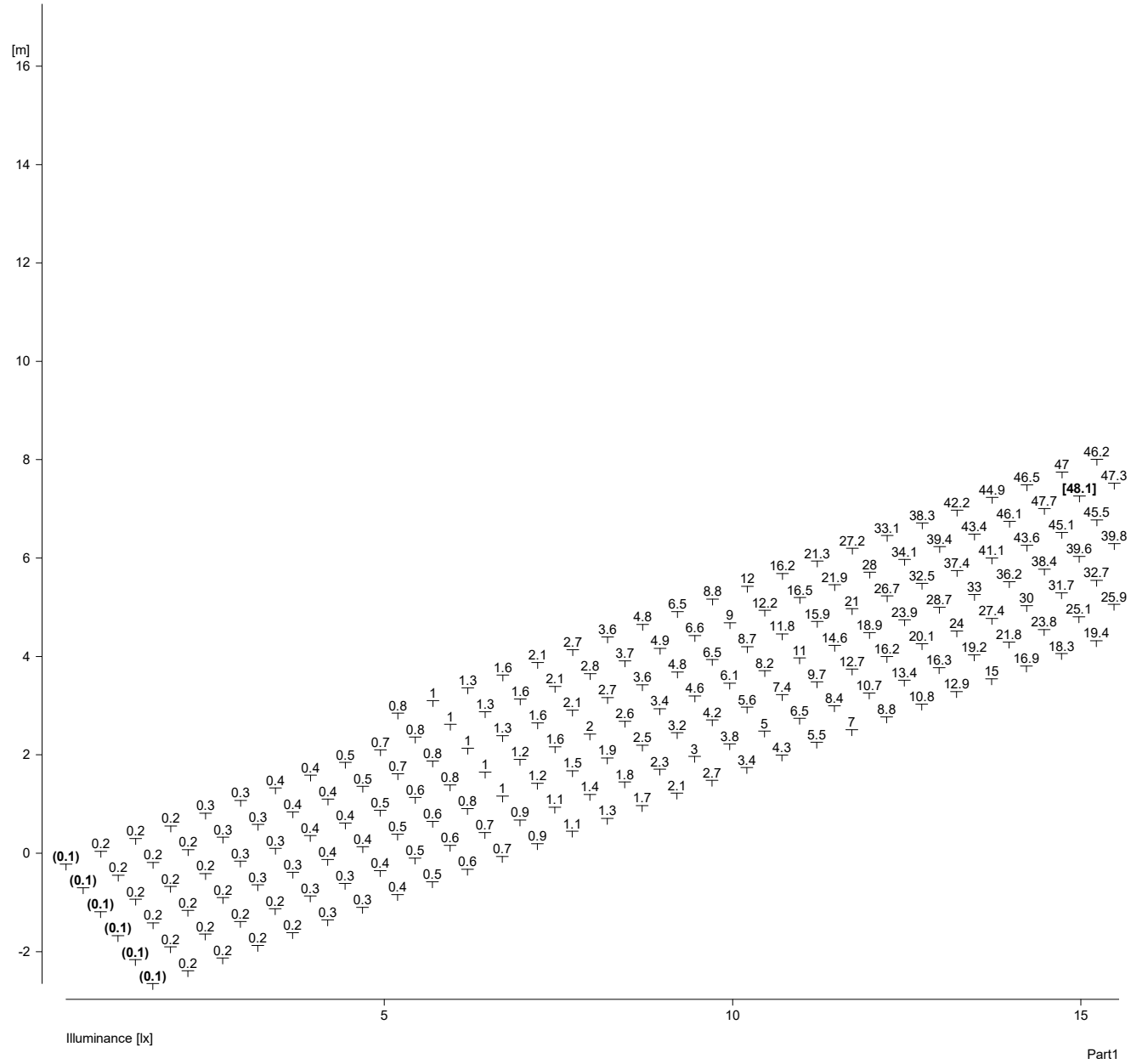
Type No.\Make

		Orlight	
1	3	Order No.	: EZENTIAL145-4000K
		Luminaire name	: EZENTIAL145-4000K
		Equipment	: 1 x 15 W / 1150 lm

1 Room 1

1.2 Calculation results, Room 1

1.2.1 Table, Measuring area 1 (E)



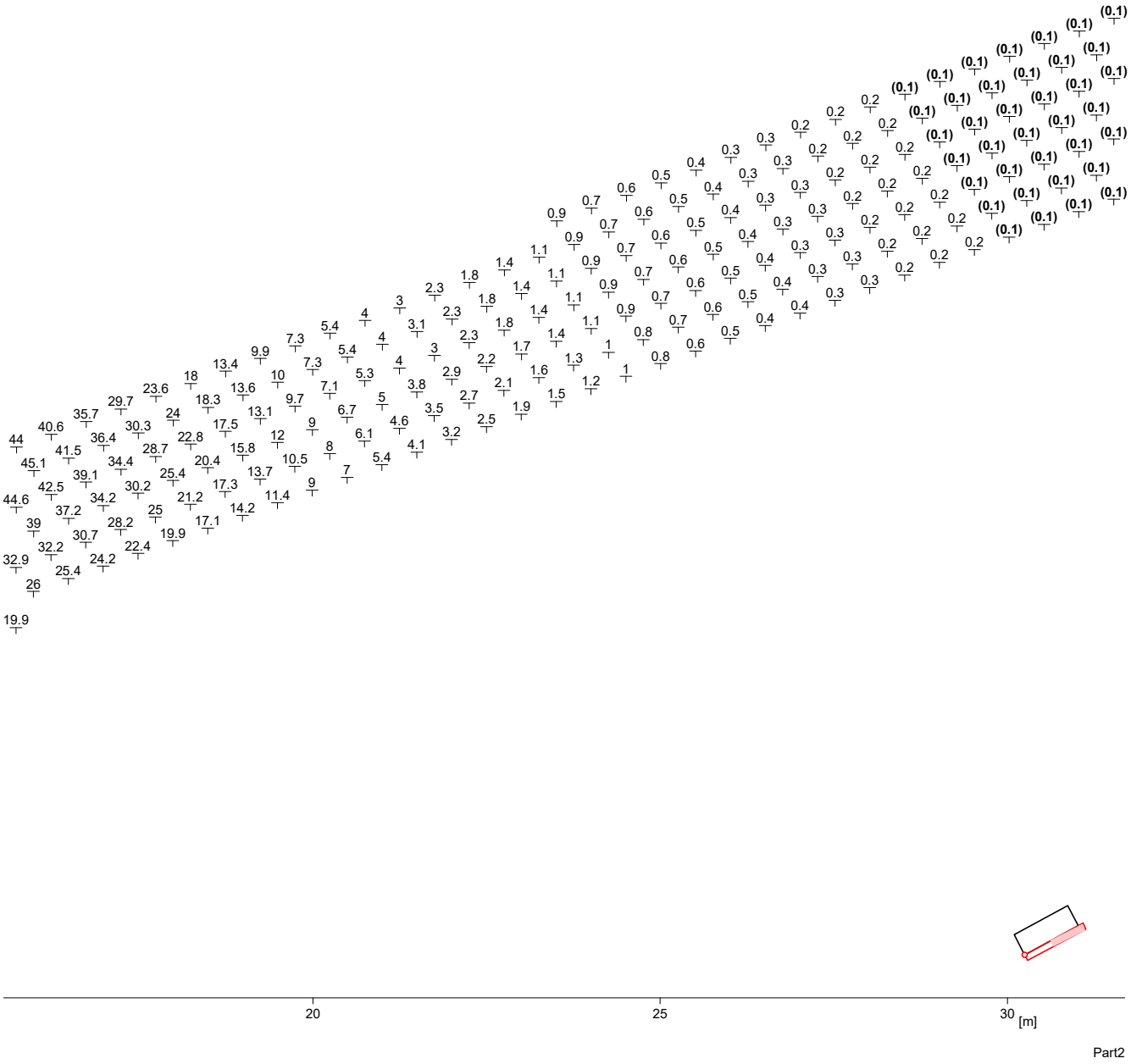
Height reference plane		: 0.05 m
Average illuminance	Eav	: 8.4 lx
Minimum illuminance	Emin	: 0.1 lx
Maximum illuminance	Emax	: 48.1 lx
Uniformity Uo	Emin/Eav	: 1 : 145.44 (0.01)
Diversity Ud	Emin/Emax	: 1 : 835.03 (0.00)



1 Room 1

1.2 Calculation results, Room 1

1.2.1 Table, Measuring area 1 (E)



1 Room 1

1.2 Calculation results, Room 1

1.2.1 Table, Measuring area 1 (E)

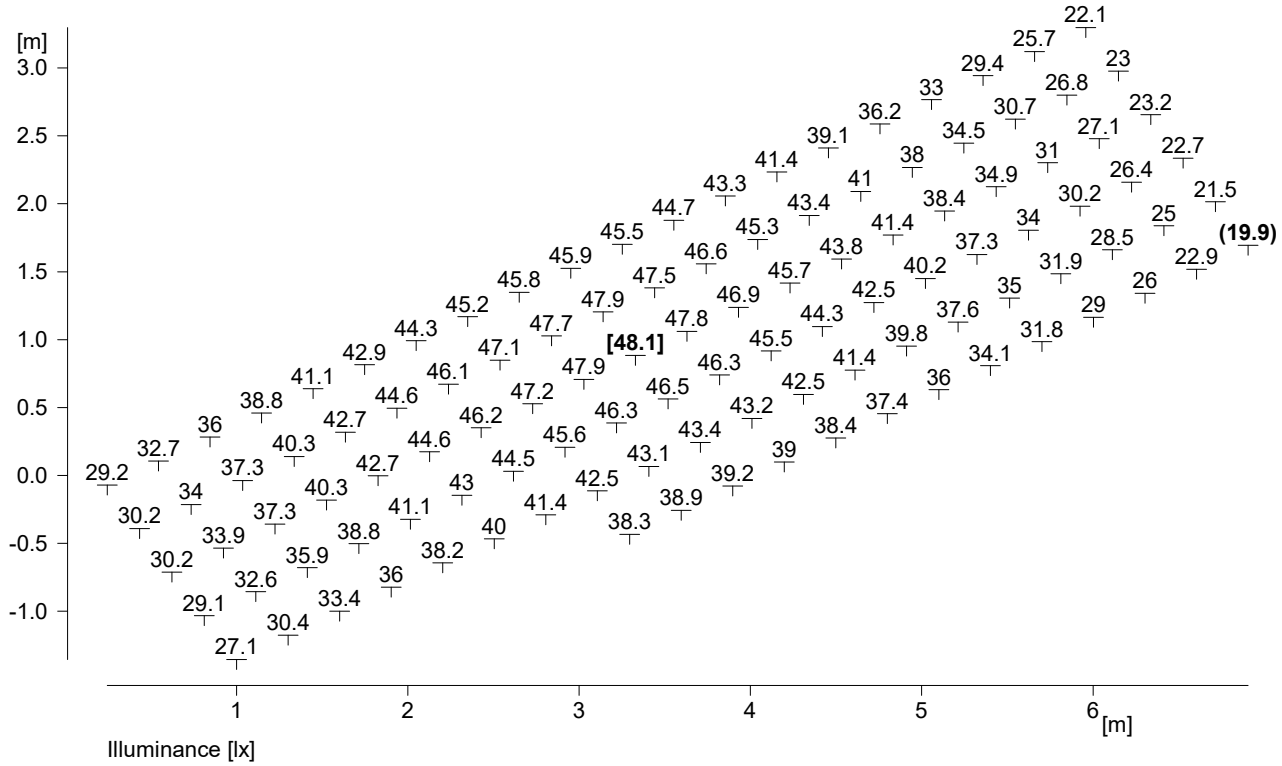
(0.1) (0.1)



Part3

1.2 Calculation results, Room 1

1.2.2 Table, Measuring area 2 (E)

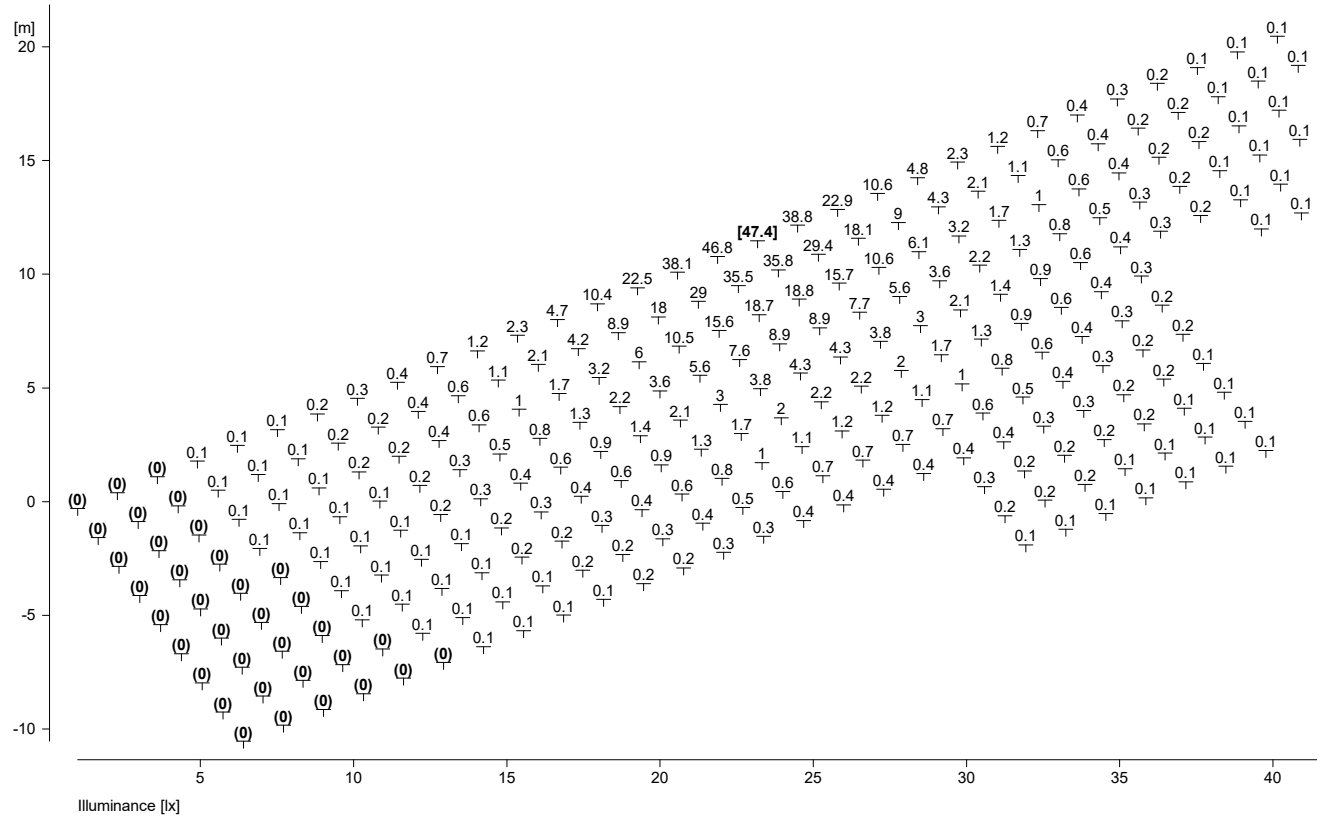


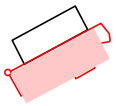


Height reference plane		: 0.05 m
Average illuminance	Eav	: 37.9 lx
Minimum illuminance	Emin	: 19.9 lx
Maximum illuminance	Emax	: 48.1 lx
Uniformity Uo	Emin/Eav	: 1 : 1.91 (0.52)
Diversity Ud	Emin/Emax	: 1 : 2.42 (0.41)

1.2 Calculation results, Room 1

1.2.3 Table, Measuring area 3 (E)



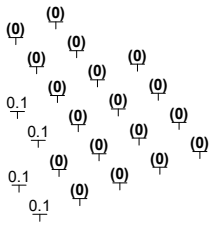


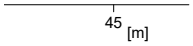
Part1

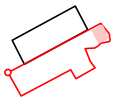
Height reference plane		: 0.05 m
Average illuminance	Eav	: 2.4 lx
Minimum illuminance	Emin	: 0 lx
Maximum illuminance	Emax	: 47.4 lx
Uniformity Uo	Emin/Eav	: 1 : 146.60 (0.01)
Diversity Ud	Emin/Emax	: 1 : 2845.34 (0.00)

1.2 Calculation results, Room 1

1.2.3 Table, Measuring area 3 (E)







Part2