

TÚNEIS DE CABEÇO DA CANCELA

Data 02/11/2020

Application Ulysse 3.4.8

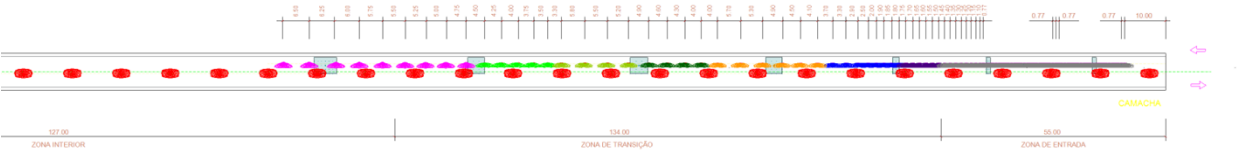
Description REG. DIURNO

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1.3. Snapshot item (2)



2. Equipamentos

2.1. GL2 Compact 2 32 LEDs 500mA NW740 740 Plano(a), Vidro extra claro, Liso 5103 Simétrico 33632S

Tipo GL2 Compact 2

Reflector 5103

Fonte 32 LEDs 500mA NW740 740

Protector Plano(a), Vidro extra claro, Liso

Regulação Simétrico

Fluxo nominal 7,847 klm

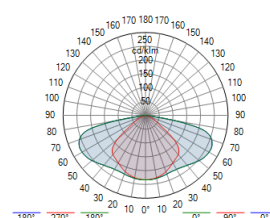
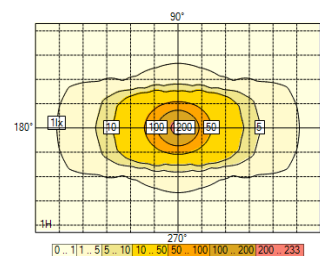
Potência 50,0 W

FM 0,85

Matriz 33632S

Fluxo luminária 6,619 klm

Eficácia 132 lm/W



2.2. TFLEX COMBI 5303 160 LH351C 800mA NW 740 408W 455092 Flat glass - 230V EF

Tipo TFLEX COMBI 5303 Flat glass - 160 LH351C@800mA ...

Fonte 160 LH351C@800mA NW 740 230V 00-59-015

Fluxo nominal 59,523 klm

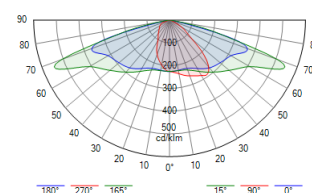
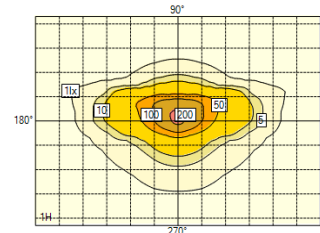
Potência 408,0 W

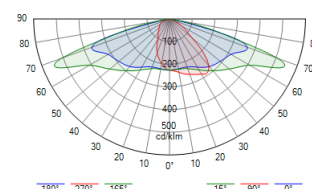
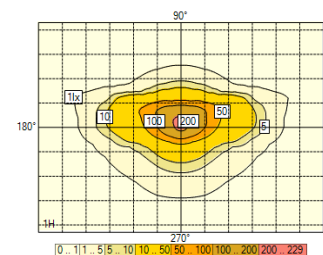
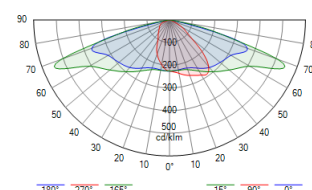
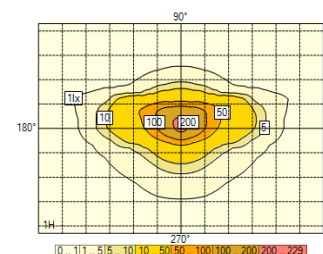
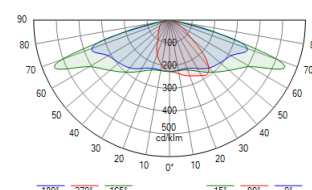
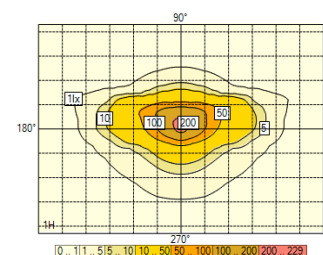
FM 0,85

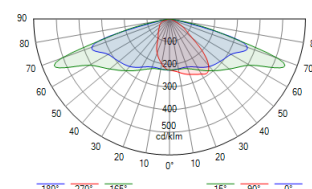
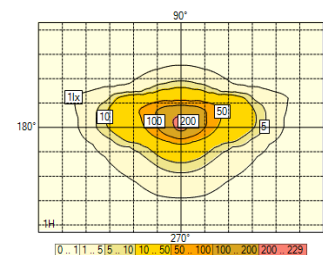
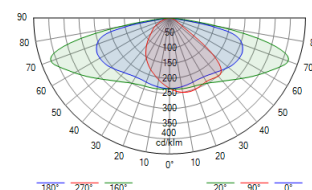
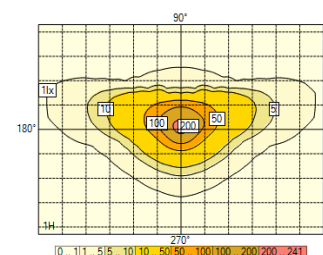
Matriz TFLEX COMBI 5303 160 LH351C 800mA NW ...

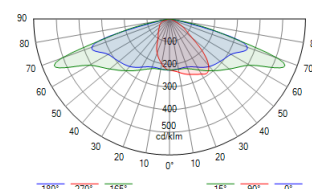
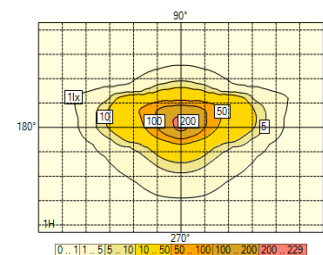
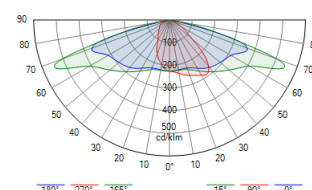
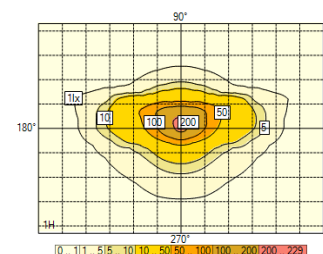
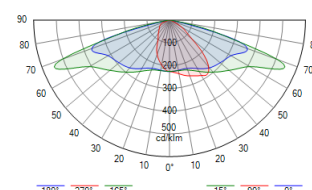
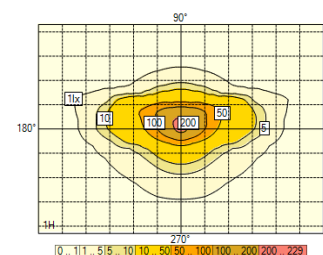
Fluxo luminária 50,418 klm

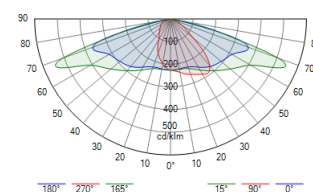
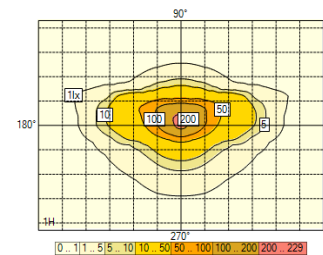
Eficácia 124 lm/W



2.3. TFLEX COMBI 5303 160 LH351C 500mA NW 740 248W 455092 Flat glass - 230V EF**Tipo** TFLEX COMBI 5303 Flat glass - 160 LH351C@500mA ...**Fonte** 160 LH351C@500mA NW 740 230V 00-46-453**Fluxo nominal** 41,283 klm**Potência** 248,0 W**FM** 0,85**Matriz** TFLEX COMBI 5303 160 LH351C 500mA NW ...**Fluxo luminária** 34,968 klm**Eficácia** 141 lm/W**2.4. TFLEX COMBI 5303 120 LH351C 500mA NW 740 186W 455092 Flat glass - 230V EF****Tipo** TFLEX COMBI 5303 Flat glass - 120 LH351C@500mA ...**Fonte** 120 LH351C@500mA NW 740 230V 00-38-223**Fluxo nominal** 30,962 klm**Potência** 186,0 W**FM** 0,85**Matriz** TFLEX COMBI 5303 120 LH351C 500mA NW ...**Fluxo luminária** 26,226 klm**Eficácia** 141 lm/W**2.5. TFLEX COMBI 5303 80 LH351C 600mA NW 740 151W 455092 Flat glass - 230V EF****Tipo** TFLEX COMBI 5303 Flat glass - 80 LH351C@600mA ...**Fonte** 80 LH351C@600mA NW 740 230V 00-46-453**Fluxo nominal** 23,955 klm**Potência** 151,0 W**FM** 0,85**Matriz** TFLEX COMBI 5303 80 LH351C 600mA NW ...**Fluxo luminária** 20,291 klm**Eficácia** 134 lm/W

2.6. TFLEX COMBI 5303 80 LH351C 350mA NW 740 85W 455092 Flat glass - 230V EF**Tipo** TFLEX COMBI 5303 Flat glass - 80 LH351C@350mA ...**Fonte** 80 LH351C@350mA NW 740 230V 00-38-174**Fluxo nominal** 15,200 klm**Potência** 85,0 W**FM** 0,85**Matriz** TFLEX COMBI 5303 80 LH351C 350mA NW ...**Fluxo luminária** 12,875 klm**Eficácia** 151 lm/W**2.7. GL2 Compact 3 48 LEDs 500mA NW740 740 Plano(a), Vidro extra claro, Liso 5103 336322****Tipo** GL2 Compact 3**Reflector** 5103**Fonte** 48 LEDs 500mA NW740 740**Protector** Plano(a), Vidro extra claro, Liso**Fluxo nominal** 11,771 klm**Potência** 74,0 W**FM** 0,85**Matriz** 336322**Fluxo luminária** 9,965 klm**Eficácia** 135 lm/W

2.8. TFLEX COMBI 5303 80 LH351C 500mA NW 740 128W 455092 Flat glass - 230V EF**Tipo** TFLEX COMBI 5303 Flat glass - 80 LH351C@500mA ...**Fonte** 80 LH351C@500mA NW 740 230V 00-24-983**Fluxo nominal** 20,641 klm**Potência** 128,0 W**FM** 0,85**Matriz** TFLEX COMBI 5303 80 LH351C 500mA NW ...**Fluxo luminária** 17,484 klm**Eficácia** 137 lm/W**2.9. TFLEX COMBI 5303 120 LH351C 600mA NW 740 224W 455092 Flat glass - 230V EF****Tipo** TFLEX COMBI 5303 Flat glass - 120 LH351C@600mA ...**Fonte** 120 LH351C@600mA NW 740 230V 00-70-392**Fluxo nominal** 35,932 klm**Potência** 224,0 W**FM** 0,85**Matriz** TFLEX COMBI 5303 120 LH351C 600mA NW ...**Fluxo luminária** 30,436 klm**Eficácia** 136 lm/W**2.10. TFLEX COMBI 5303 160 LH351C 600mA NW 740 302W 455092 Flat glass - 230V EF****Tipo** TFLEX COMBI 5303 Flat glass - 160 LH351C@600mA ...**Fonte** 160 LH351C@600mA NW 740 230V 00-46-453**Fluxo nominal** 47,910 klm**Potência** 302,0 W**FM** 0,85**Matriz** TFLEX COMBI 5303 160 LH351C 600mA NW ...**Fluxo luminária** 40,581 klm**Eficácia** 134 lm/W

2.11. TFLEX COMBI 5303 160 LH351C 700mA NW 740 356W 455092 Flat glass - 230V EF**Tipo** TFLEX COMBI 5303 Flat glass - 160 LH351C@700mA ...**Fonte** 160 LH351C@700mA NW 740 230V 00-26-610**Fluxo nominal** 53,990 klm**Potência** 356,0 W**FM** 0,85**Matriz** TFLEX COMBI 5303 160 LH351C 700mA NW ...**Fluxo luminária** 45,731 klm**Eficácia** 128 lm/W

3. Resultados

3.1. Resultado Malha

Z. ENTRADA SUL.1

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)	
DIURNO	3026,6	75	67	2275,2	3397,4	N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
DIURNO - Observador 1 (-41,78; 2,78; 1,50)	209,97	66	52	138,78	267,30	100 %

Z. ENTRADA SUL.2

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)	
DIURNO	2444,7	75	67	1841,5	2749,6	N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
DIURNO - Observador 1 (-22,24; 2,80; 1,50)	147,47	68	54	99,68	183,82	97 %

Z. TRANSIÇÃO SUL - 1

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)	
DIURNO	1151,4	73	64	845,4	1331,0	N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
DIURNO - Observador 1 (-0,40; 2,80; 1,50)	64,55	67	53	42,99	80,38	93 %

Z. TRANSIÇÃO SUL - 2

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)	
DIURNO	471,4	73	61	342,5	560,0	N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
DIURNO - Observador 1 (32,60; 2,80; 1,50)	27,11	66	52	17,86	34,48	90 %

Z. TRANSIÇÃO SUL - 3

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)	
DIURNO	279,2	77	68	215,4	318,7	N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
DIURNO - Observador 1 (66,20; 2,80; 1,50)	19,35	68	54	13,16	24,49	96 %

Z. INTERIOR SUL

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)
DIURNO	209,4	77	69	161,8	234,0

N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
DIURNO - Observador 1 (94,00; 2,80; 1,50)	11,00	64	49	7,02	14,35	80 %

N/A

Z. INTERIOR NORTE

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)
DIURNO	144,0	75	66	108,2	164,1

N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
DIURNO - Observador 1 (320,80; 4,75; 1,50)	8,07	60	47	4,86	10,44	86 %

N/A

Z. TRANSIÇÃO NORTE - 4

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)
DIURNO	231,0	74	63	170,1	269,0

N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
DIURNO - Observador 1 (357,00; 4,75; 1,50)	14,68	61	49	9,02	18,31	93 %

N/A

Z. TRANSIÇÃO NORTE - 3

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)
DIURNO	386,7	71	58	273,5	469,0

N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
DIURNO - Observador 1 (397,00; 4,75; 1,50)	24,81	63	50	15,74	31,40	92 %

N/A

Z. TRANSIÇÃO NORTE - 2

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)
DIURNO	545,8	74	64	401,6	629,7

N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
DIURNO - Observador 1 (430,00; 4,75; 1,50)	38,77	64	50	24,89	49,31	96 %

N/A

Z. TRANSIÇÃO NORTE - 1

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)	
DIURNO	1652,3	73	64	1209,6	1901,4	N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
DIURNO - Observador 1 (458,70; 4,75; 1,50)	92,32	66	53	61,04	114,73	94 %

Z. ENTRADA NORTE_2

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)	
DIURNO	3903,6	74	66	2907,9	4414,6	N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
DIURNO - Observador 1 (481,00; 4,75; 1,50)	216,02	67	54	144,76	266,95	97 %

Z. ENTRADA NORTE_1

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)	
DIURNO	4024,3	75	66	3002,4	4540,1	N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
DIURNO - Observador 1 (507,00; 4,75; 1,50)	313,97	64	49	200,81	407,68	99 %

4. Potência consumida

4.1. DIURNO

equipamento	Current [mA]	Qt.	Dimming	Potência / Equipamen to	Total
GL2 Compact 2 32 LEDs 500mA NW740 740 Plano(a), Vidro extra claro, Liso 5103 Simétrico 33632S	500	39	100 %	50 W	1958 W
GL2 Compact 3 48 LEDs 500mA NW740 740 Plano(a), Vidro extra claro, Liso 5103 336322	500	9	100 %	74 W	666 W
TFLEX COMBI 5303 120 LH351C 500mA NW 740 186W 455092 Flat glass - 230V EF	0	13	100 %	186 W	2418 W
TFLEX COMBI 5303 120 LH351C 600mA NW 740 224W 455092 Flat glass - 230V EF	0	6	100 %	224 W	1344 W
TFLEX COMBI 5303 160 LH351C 500mA NW 740 248W 455092 Flat glass - 230V EF	0	30	100 %	248 W	7440 W
TFLEX COMBI 5303 160 LH351C 600mA NW 740 302W 455092 Flat glass - 230V EF	0	6	100 %	302 W	1812 W
TFLEX COMBI 5303 160 LH351C 700mA NW 740 356W 455092 Flat glass - 230V EF	0	54	100 %	356 W	19224 W
TFLEX COMBI 5303 160 LH351C 800mA NW 740 408W 455092 Flat glass - 230V EF	0	19	100 %	408 W	7752 W
TFLEX COMBI 5303 80 LH351C 350mA NW 740 85W 455092 Flat glass - 230V EF	0	19	100 %	85 W	1615 W
TFLEX COMBI 5303 80 LH351C 500mA NW 740 128W 455092 Flat glass - 230V EF	0	4	100 %	128 W	512 W
TFLEX COMBI 5303 80 LH351C 600mA NW 740 151W 455092 Flat glass - 230V EF	0	2	100 %	151 W	302 W

5. DIURNO

5.1. Descrição Matriz

Ph. color	Descrição	Current [mA]	Fluxo nominal [klm]	Fluxo luminária [klm]	Potência [W]	Eficácia [lm/W]	FM	Altura [m]	Equipamento
	GL2 Compact 3 48 LEDs 500mA NW740 740 Plano(a), Vidro extra claro, Liso 5103 336322	500	11,771	9,965	74,0	135	0,850	9 x 6,30	
	GL2 Compact 2 32 LEDs 500mA NW740 740 Plano(a), Vidro extra claro, Liso 5103 Simétrico 336325	500	7,847	6,619	50,2	132	0,850	39 x 6,70	
	TFLEX COMBI 5303 120 LH351C 500mA NW 740 186W 455092 Flat glass - 230V EF		30,962	26,226	186,0	141	0,850	13 x 6,30	
	TFLEX COMBI 5303 120 LH351C 600mA NW 740 224W 455092 Flat glass - 230V EF		35,932	30,436	224,0	136	0,850	6 x 6,30	
	TFLEX COMBI 5303 160 LH351C 500mA NW 740 248W 455092 Flat glass - 230V EF		41,283	34,968	248,0	141	0,850	30 x 6,30	
	TFLEX COMBI 5303 160 LH351C 600mA NW 740 302W 455092 Flat glass - 230V EF		47,910	40,581	302,0	134	0,850	6 x 6,30	
	TFLEX COMBI 5303 160 LH351C 700mA NW 740 356W 455092 Flat glass - 230V EF		53,990	45,731	356,0	128	0,850	54 x 6,30	
	TFLEX COMBI 5303 160 LH351C 800mA NW 740 408W 455092 Flat glass - 230V EF		59,523	50,418	408,0	124	0,850	19 x 6,30	
	TFLEX COMBI 5303 80 LH351C 350mA NW 740 85W 455092 Flat glass - 230V EF		15,200	12,875	85,0	151	0,850	19 x 6,30	
	TFLEX COMBI 5303 80 LH351C 500mA NW 740 128W 455092 Flat glass - 230V EF		20,641	17,484	128,0	137	0,850	4 x 6,30	
	TFLEX COMBI 5303 80 LH351C 600mA NW 740 151W 455092 Flat glass - 230V EF		23,955	20,291	151,0	134	0,850	2 x 6,30	

5.2. Grupos de luminárias

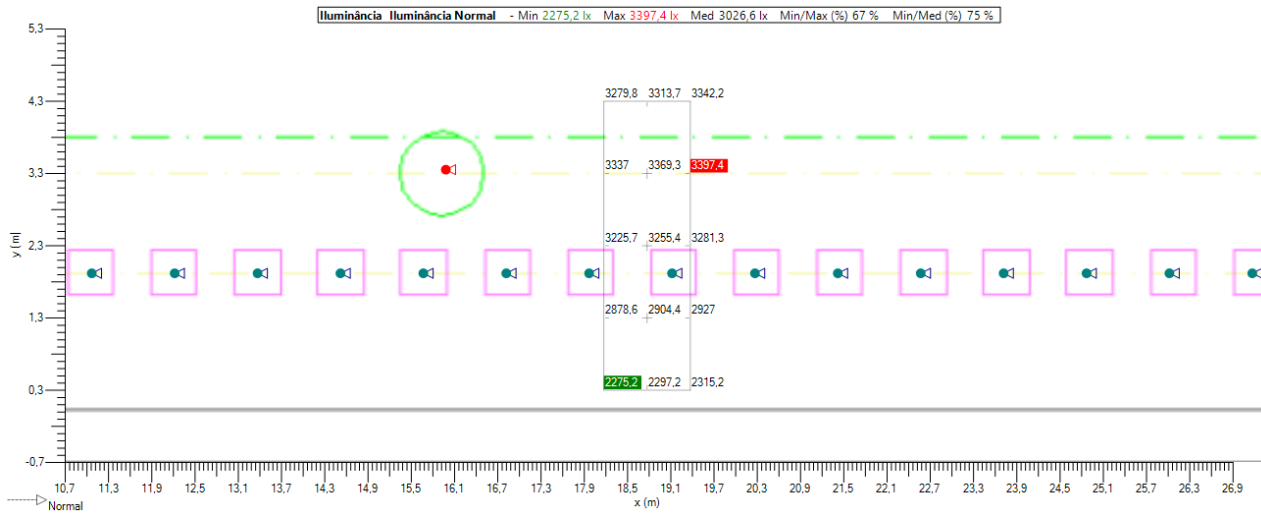
Linear																
	Color	N°	Posição			Luminária					Dimensão			Rotação		
			X [m]	Y [m]	Z [m]	Nome	Az [°]	Incl [°]	Rot [°]	Dim [%]	Nº de	Espaçamento [m]	Dim. Total [m]	X [°]	Y [°]	Z [°]
☒		1	4,03	3,33	6,70	REG. BASE	0,0	0,0	0,0	100	39	12,00	456,00	0,0	0,0	0,0
☒		2	9,97	1,90	6,30	Z. ENTRADA SUL	0,0	0,0	0,0	100	19	1,15	20,70	0,0	0,0	0,0
☒		3	31,86	1,88	6,30	Z. ENTRADA SUL (1)	0,0	0,0	0,0	100	15	1,15	16,10	0,0	0,0	0,0
☒		4	49,36	1,85	6,30	Z. TRANSIÇÃO SUL	0,0	0,0	0,0	100	7	2,10	12,60	0,0	0,0	0,0
☒		5	64,83	1,90	6,30	Z. TRANSIÇÃO SUL (1)	0,0	0,0	0,0	100	5	3,25	13,00	0,0	0,0	0,0
☒		6	82,01	1,83	6,30	Z. TRANSIÇÃO SUL (2)	0,0	0,0	0,0	100	4	3,40	10,20	0,0	0,0	0,0
☒		7	96,44	1,85	6,30	Z. TRANSIÇÃO SUL (3)	0,0	0,0	0,0	100	2	4,60	4,60	0,0	0,0	0,0
☒		8	106,00	1,88	6,30	Z. TRANSIÇÃO SUL (4)	0,0	0,0	0,0	100	2	5,30	5,30	0,0	0,0	0,0
☒		9	115,00	1,83	6,30	Z. TRANSIÇÃO SUL (5)	0,0	0,0	0,0	100	4	3,70	11,10	0,0	0,0	0,0
☒		10	130,23	1,75	6,30	Z. TRANSIÇÃO SUL (6)	0,0	0,0	0,0	100	4	4,35	13,05	0,0	0,0	0,0

TÚNEIS DE CABEÇO DA CANCELA

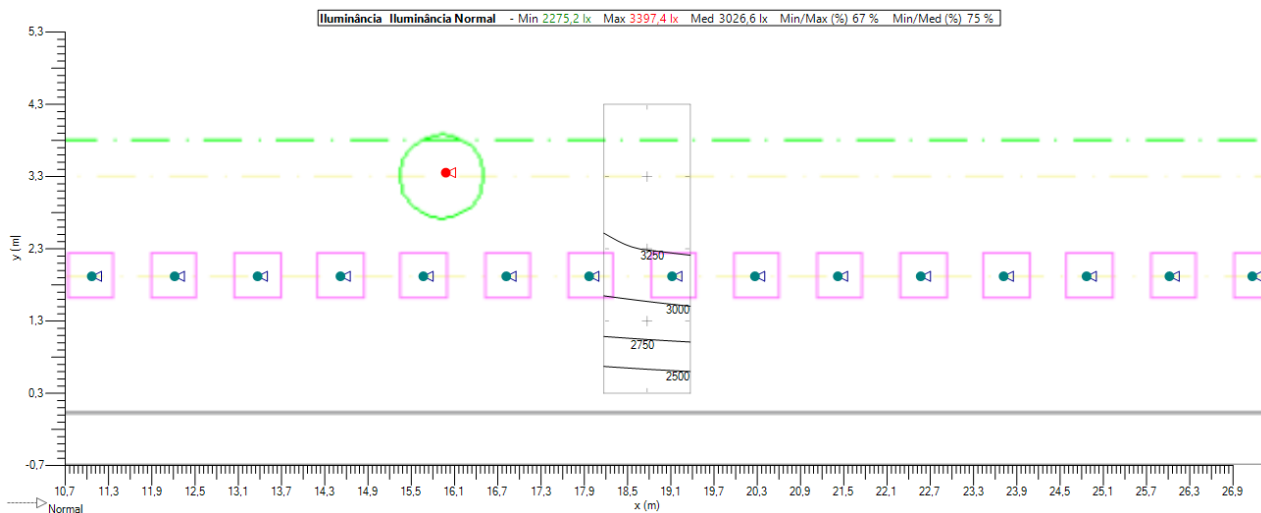
☒		11	148,60	1,77	6,30	Z. INTERIOR SUL	0,0	0,0	0,0	100	4	5,40	16,20	0,0	0,0	0,0
☒		12	254,08	5,65	6,30	Z. INTERIOR NORTE	0,0	0,0	0,0	100	2	6,30	6,30	0,0	0,0	180,0
☒		13	272,06	5,64	6,30	Z. INTERIOR NORTE (1)	0,0	0,0	0,0	100	3	5,70	11,40	0,0	0,0	180,0
☒		14	292,58	5,63	6,30	Z. TRANSIÇÃO NORTE	0,0	0,0	0,0	100	4	5,00	15,00	0,0	0,0	180,0
☒		15	312,58	5,67	6,30	Z. TRANSIÇÃO NORTE (1)	0,0	0,0	0,0	100	5	3,85	15,40	0,0	0,0	180,0
☒		16	332,39	5,65	6,30	Z. TRANSIÇÃO NORTE (2)	0,0	0,0	0,0	100	4	5,50	16,50	0,0	0,0	180,0
☒		17	350,12	5,66	6,30	Z. TRANSIÇÃO NORTE (3)	0,0	0,0	0,0	100	4	4,25	12,75	0,0	0,0	180,0
☒		18	365,20	5,64	6,30	Z. TRANSIÇÃO NORTE (4)	0,0	0,0	0,0	100	3	5,50	11,00	0,0	0,0	180,0
☒		19	378,70	5,63	6,30	Z. TRANSIÇÃO NORTE (5)	0,0	0,0	0,0	100	3	4,40	8,80	0,0	0,0	180,0
☒		20	385,72	5,61	6,30	Z. TRANSIÇÃO NORTE (6)	0,0	0,0	0,0	100	2	3,30	3,30	0,0	0,0	180,0
☒		21	398,65	5,64	6,30	Z. TRANSIÇÃO NORTE (7)	0,0	0,0	0,0	100	6	1,94	9,70	0,0	0,0	180,0
☒		22	408,40	5,62	6,30	Z. TRANSIÇÃO NORTE (8)	0,0	0,0	0,0	100	6	1,62	8,10	0,0	0,0	180,0
☒		23	415,14	5,63	6,30	Z. ENTRADA NORTE	0,0	0,0	0,0	100	5	1,26	5,04	0,0	0,0	180,0
☒		24	420,11	5,63	6,30	Z. ENTRADA NORTE (1)	0,0	0,0	0,0	100	5	0,88	3,52	0,0	0,0	180,0
☒		25	454,03	5,62	6,30	Z. ENTRADA NORTE (2)	0,0	0,0	0,0	100	44	0,77	33,11	0,0	0,0	180,0

5.3. Z. ENTRADA SUL.1 - Normal

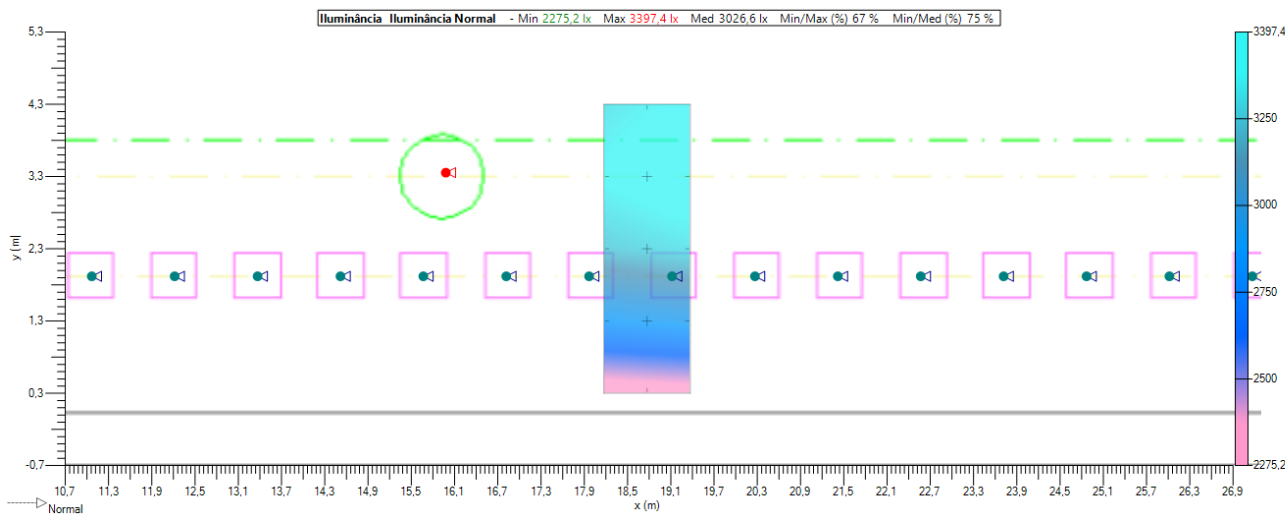
Resultados



Isolevel

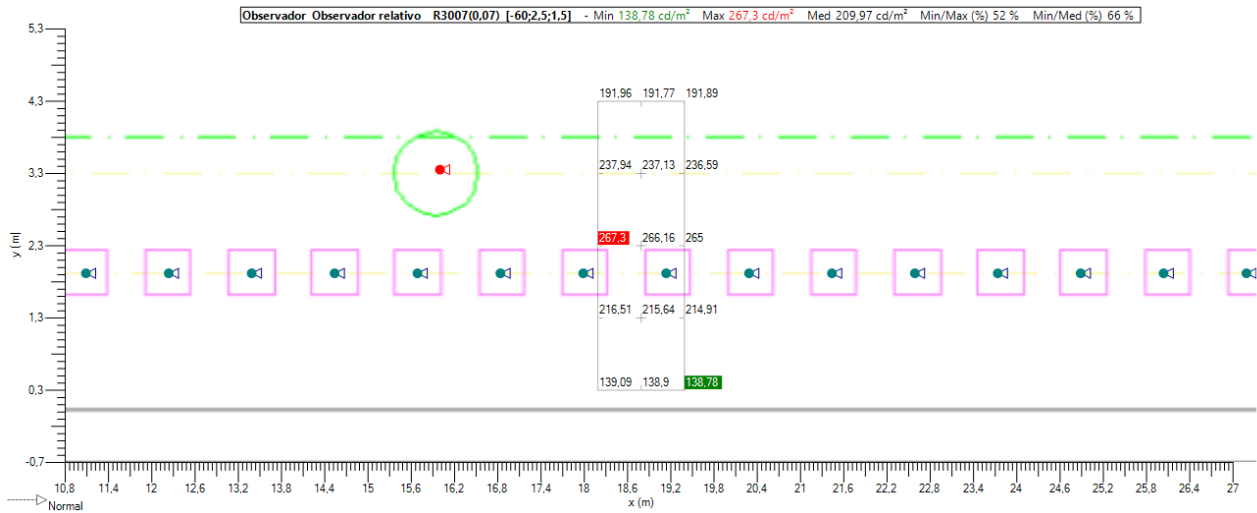


Sombreado

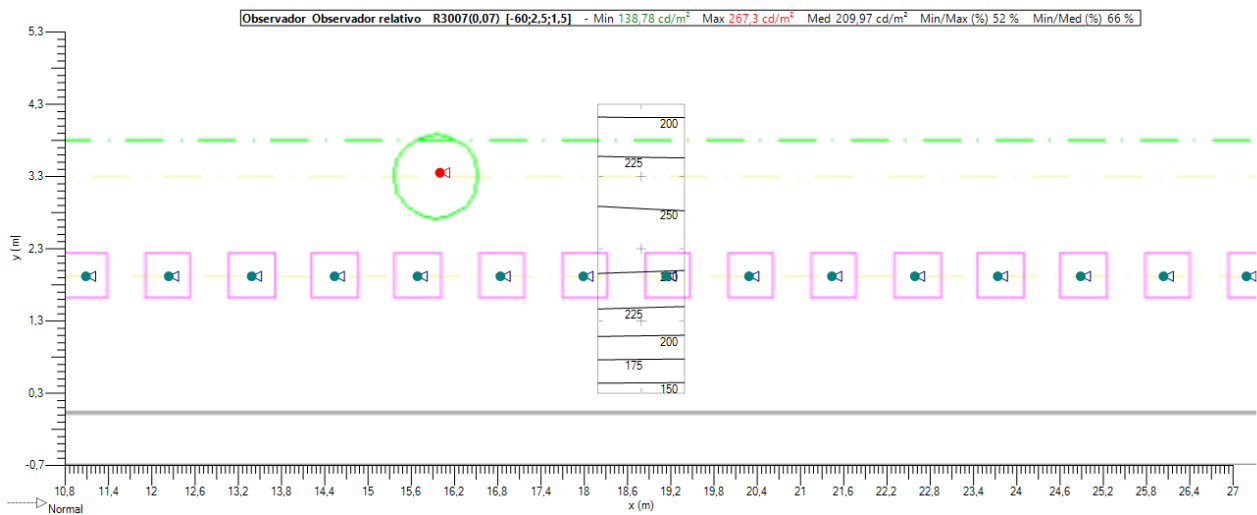


5.4. Z. ENTRADA SUL.1 - Luminance RTable - Relative 1

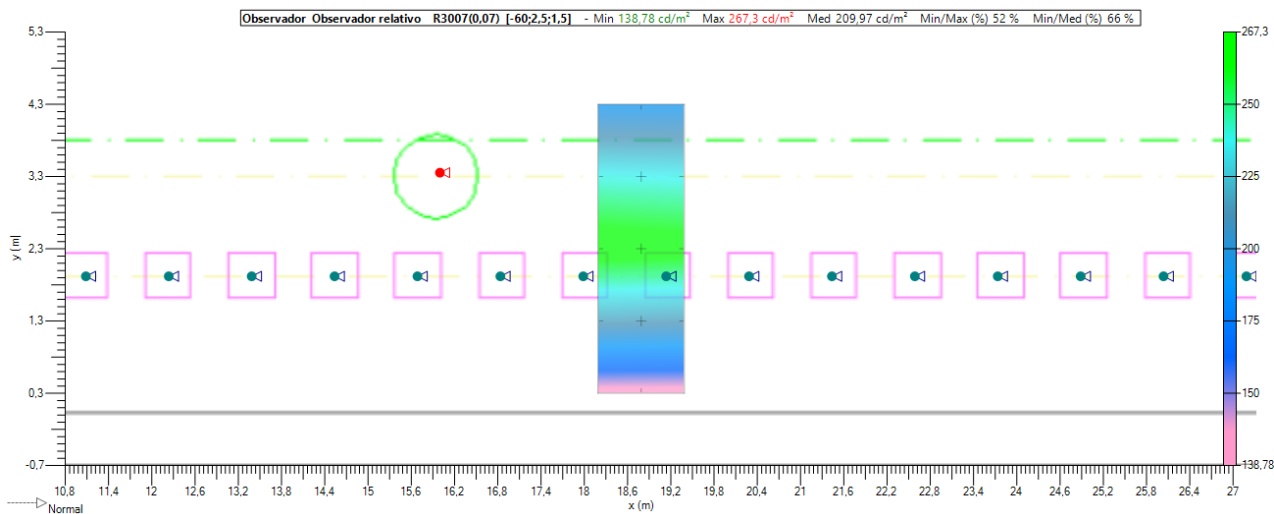
Resultados



Isolevel

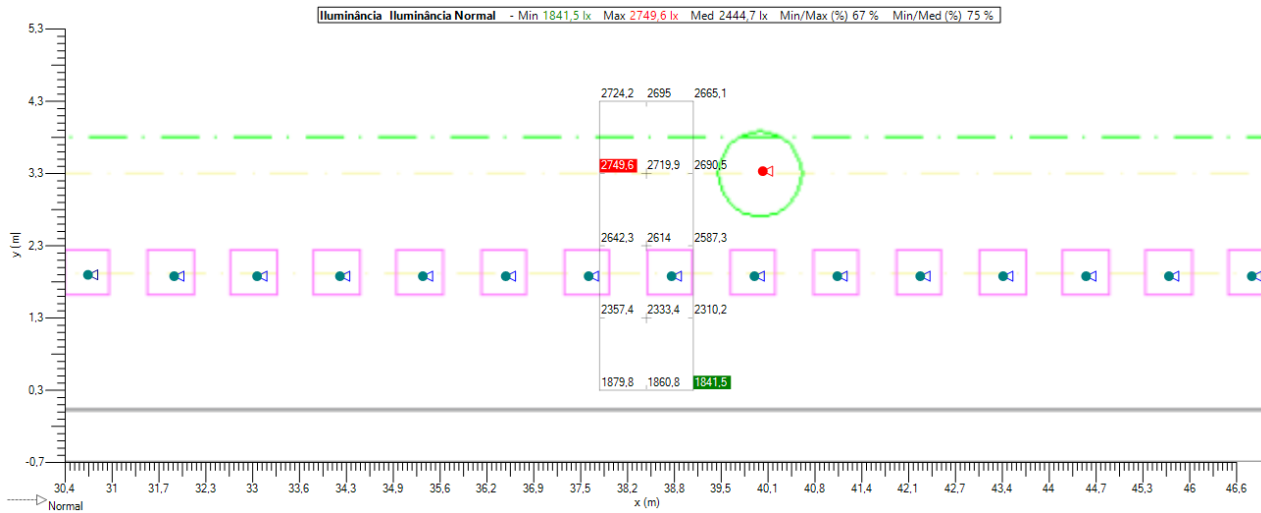


Sombreado

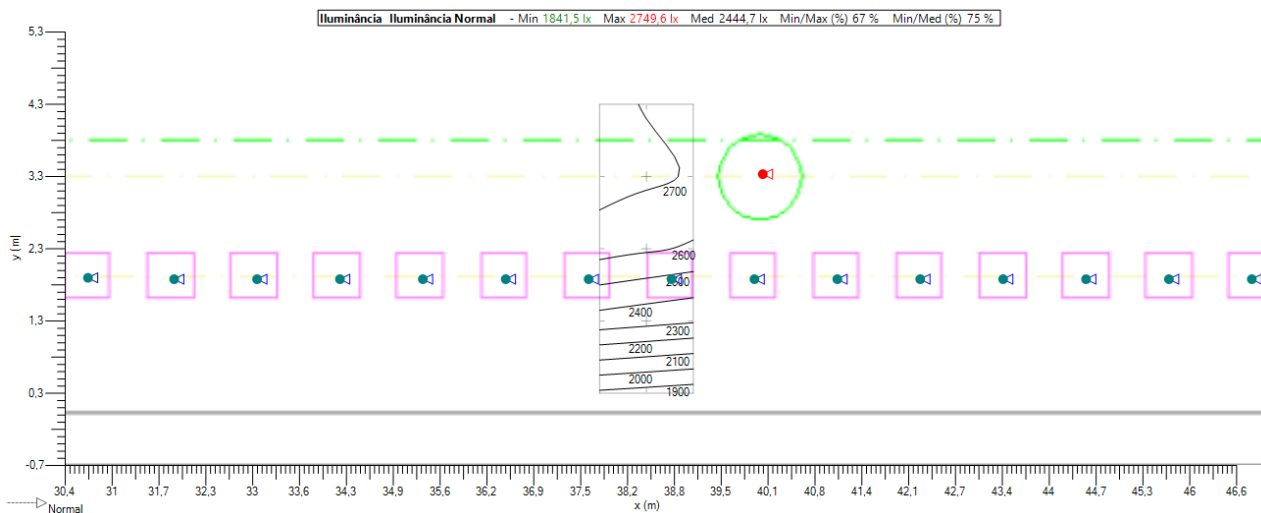


5.5. Z. ENTRADA SUL.2 - Normal

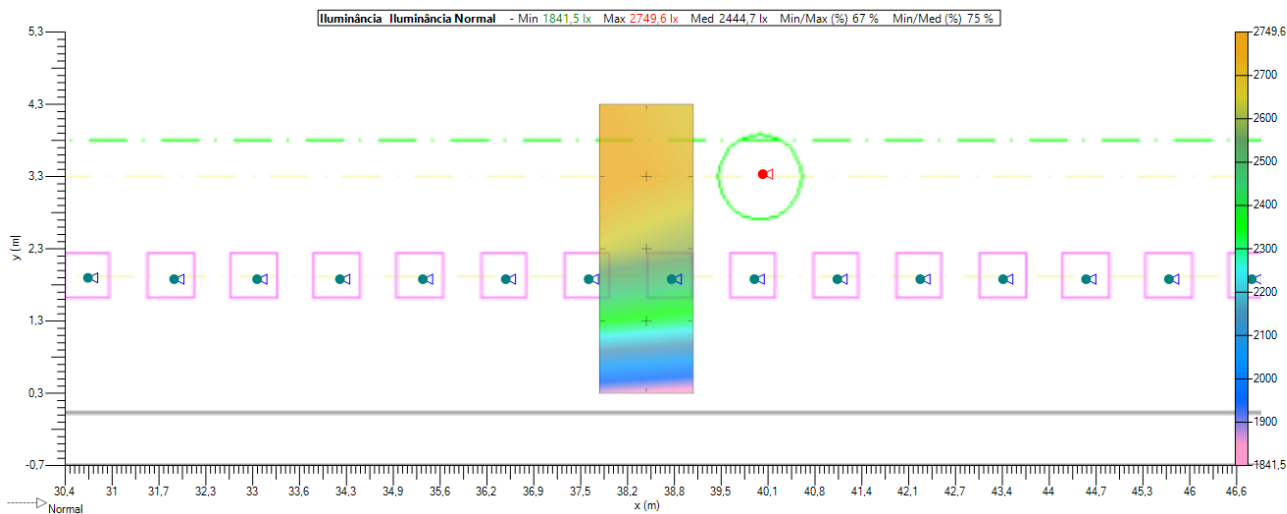
Resultados



Isolevel

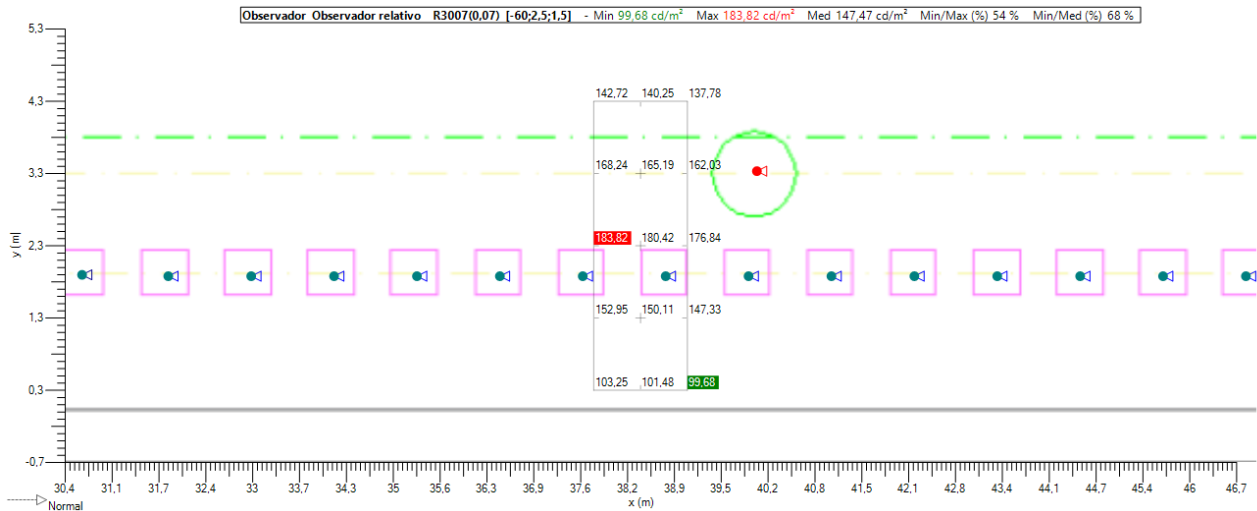


Sombreado

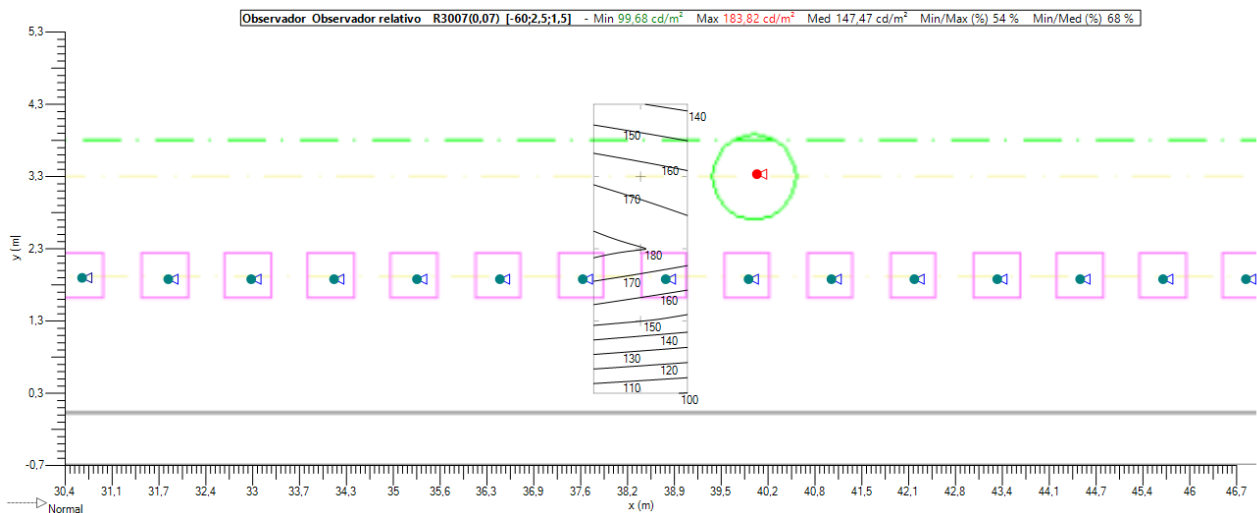


5.6. Z. ENTRADA SUL.2 - Luminance RTable - Relative 1

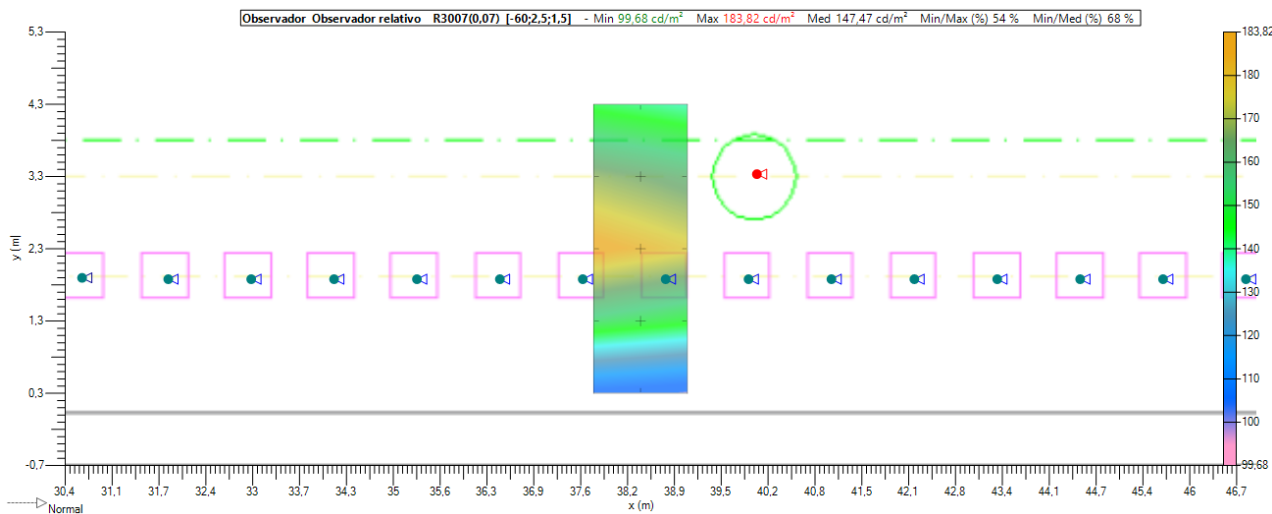
Resultados



Isolevel

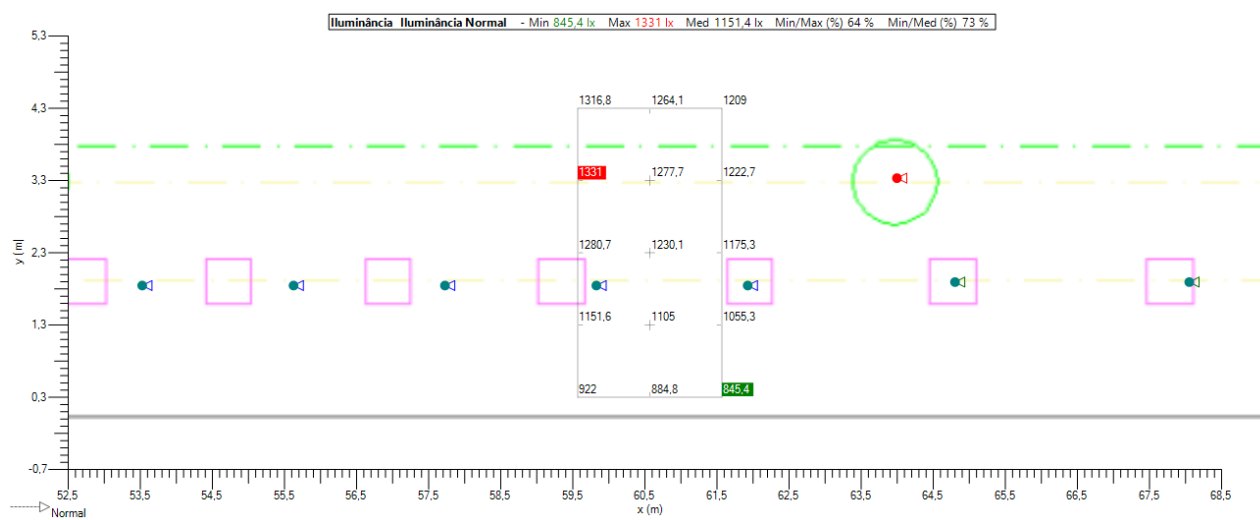


Sombreado

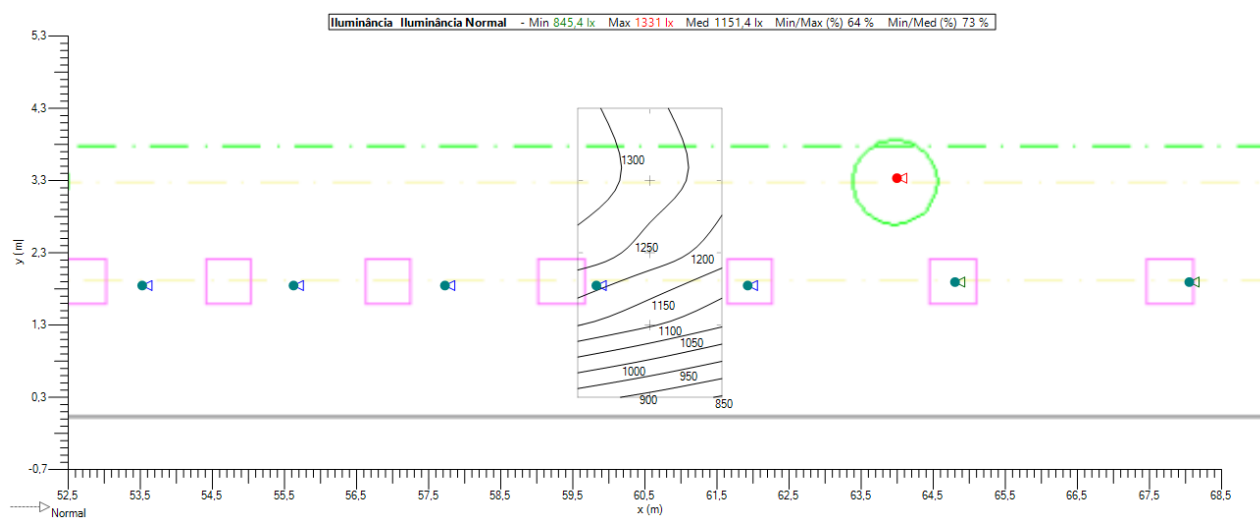


5.7. Z. TRANSIÇÃO SUL - 1 - Normal

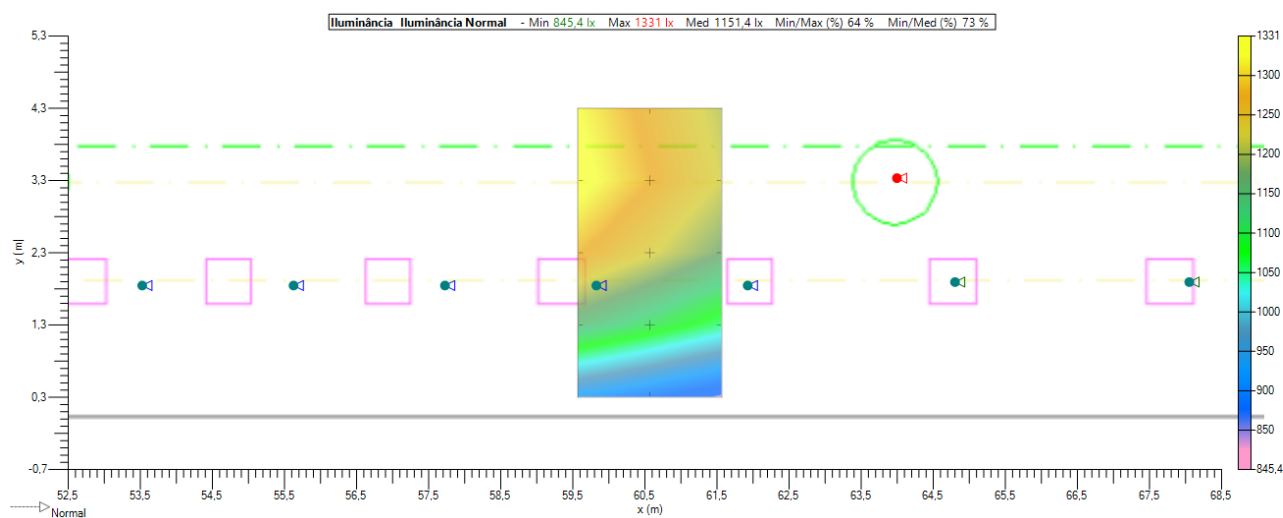
Resultados



Isolevel

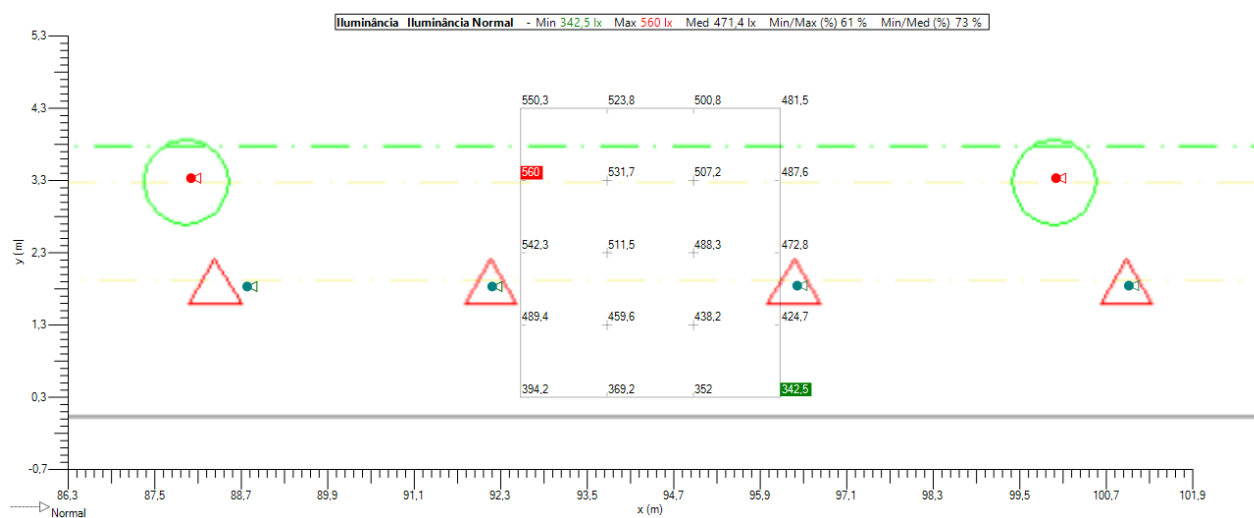


Sombreado

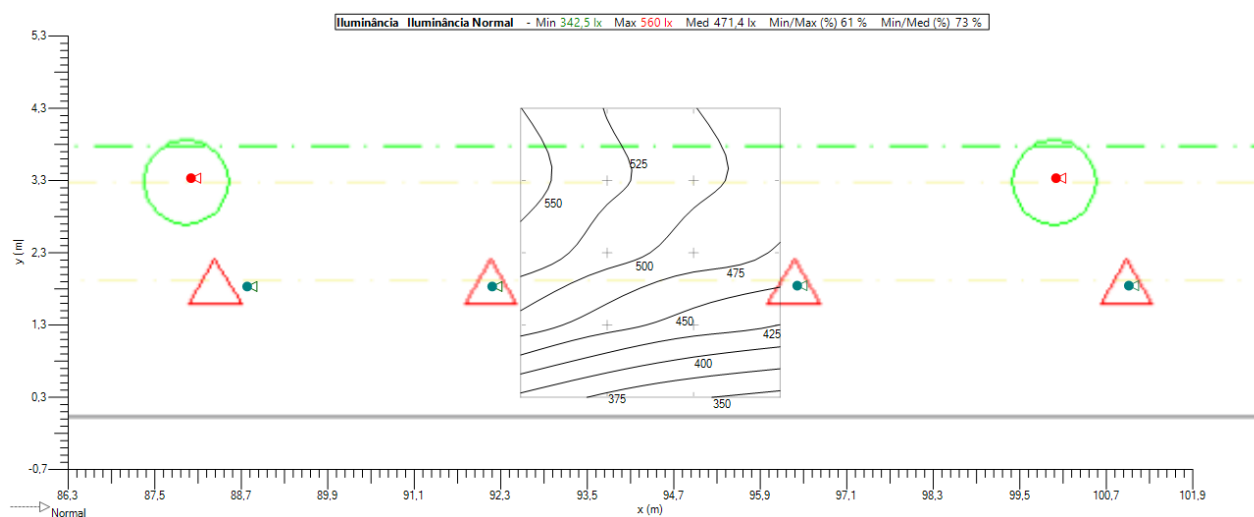


5.9. Z. TRANSIÇÃO SUL - 2 - Normal

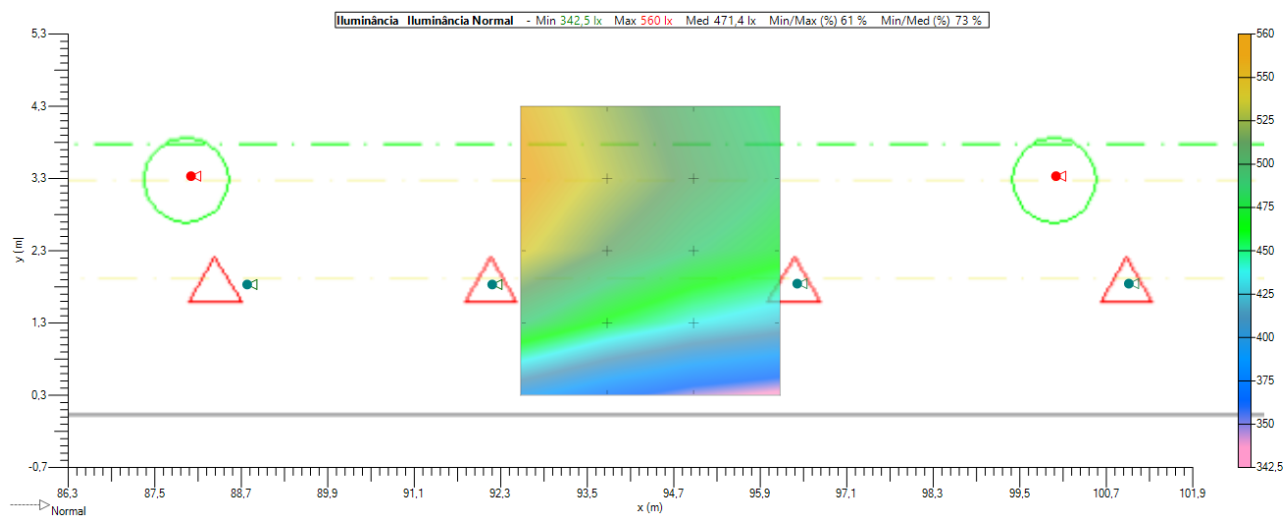
Resultados



Isolevel

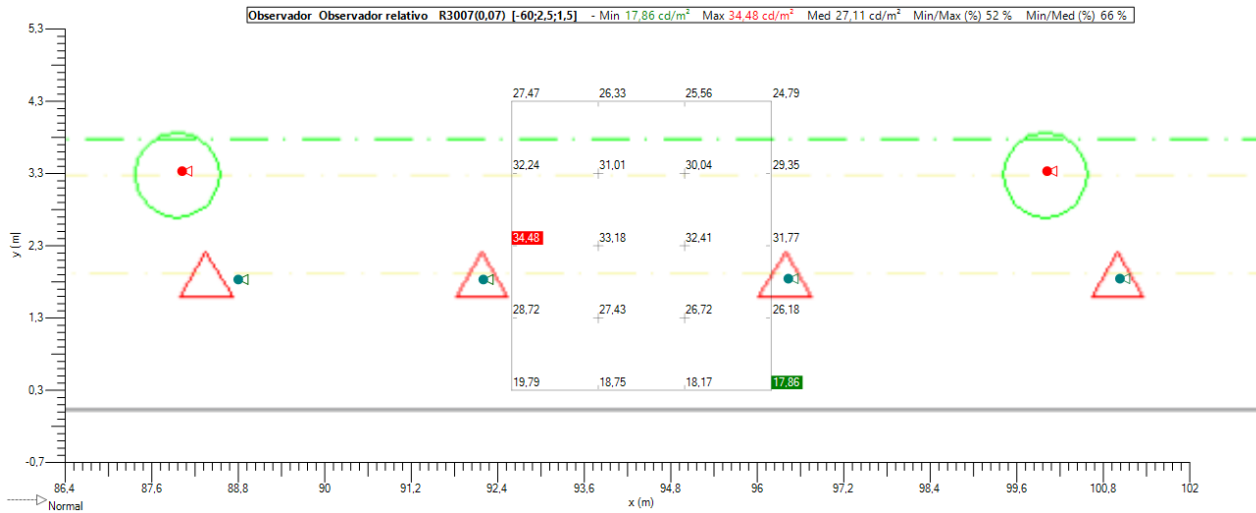


Sombreado

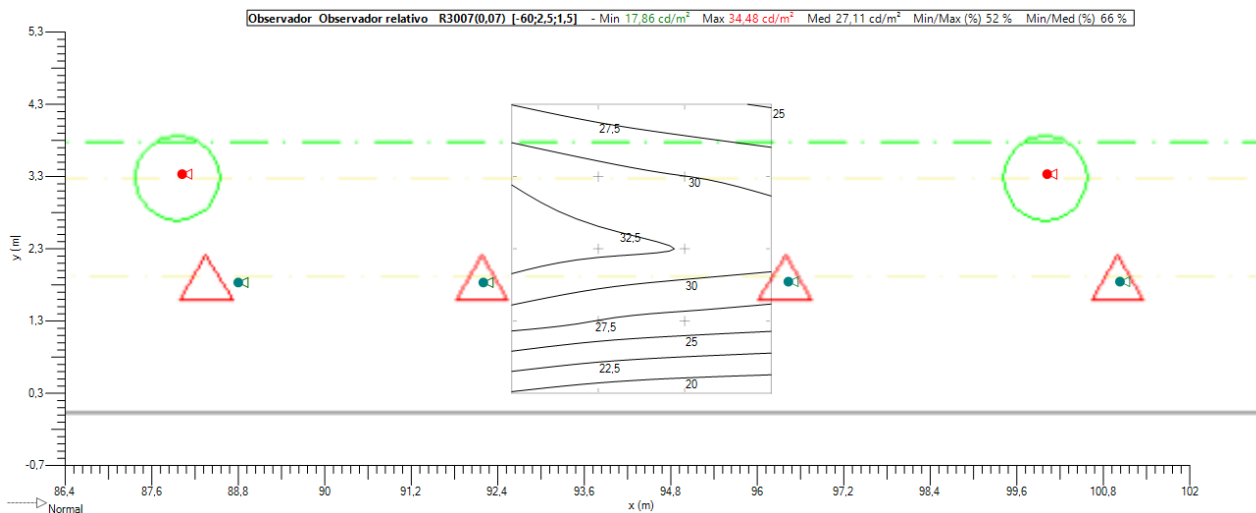


5.10. Z. TRANSIÇÃO SUL - 2 - Luminance RTable - Relative 1

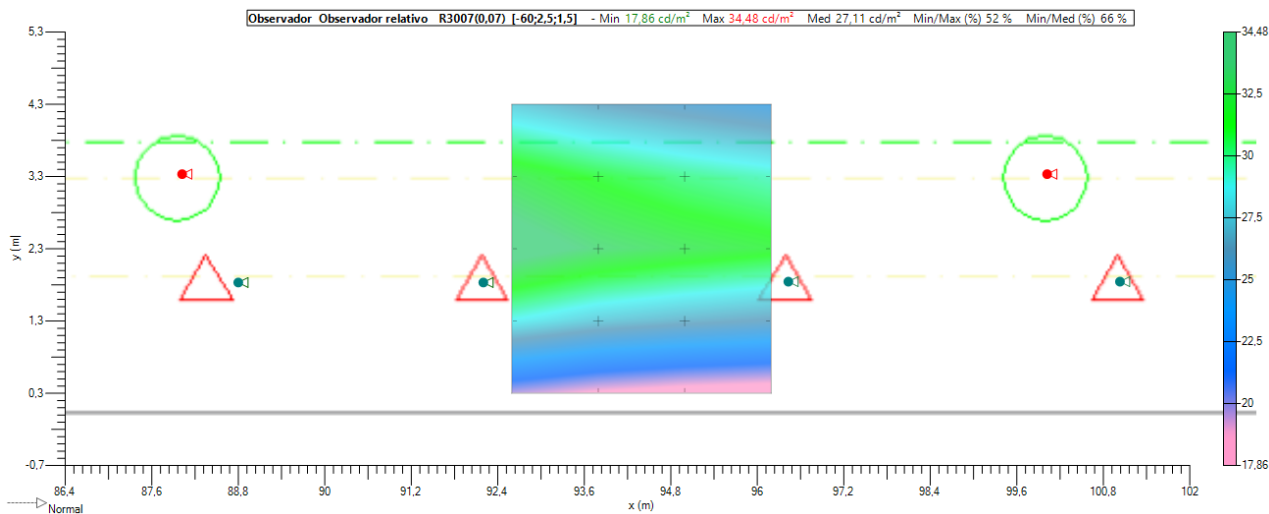
Resultados



Isolevel

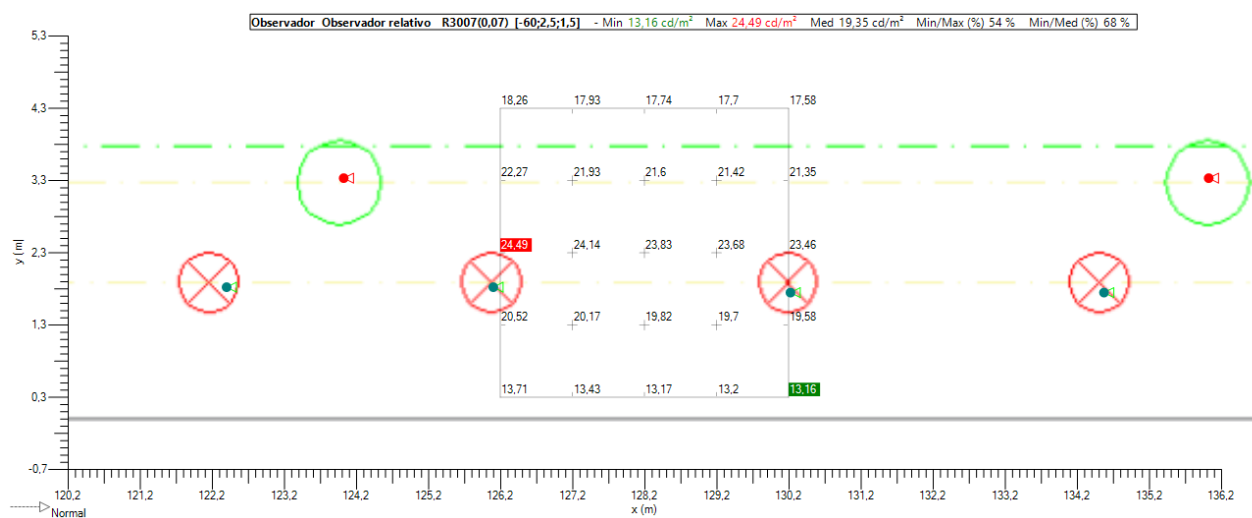


Sombreado

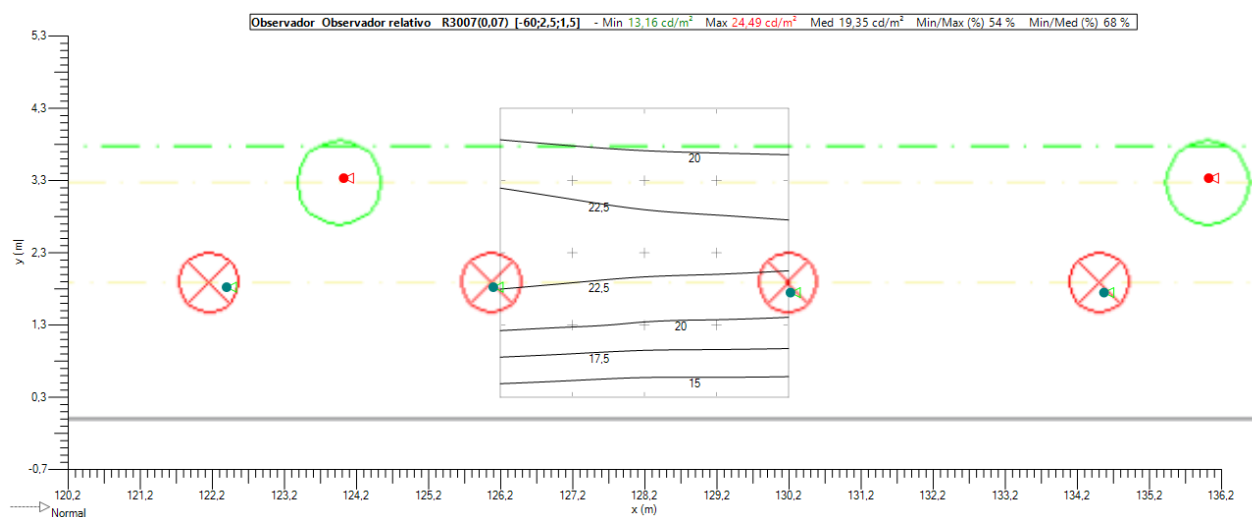


5.12. Z. TRANSIÇÃO SUL - 3 - Luminance RTable - Relative 1

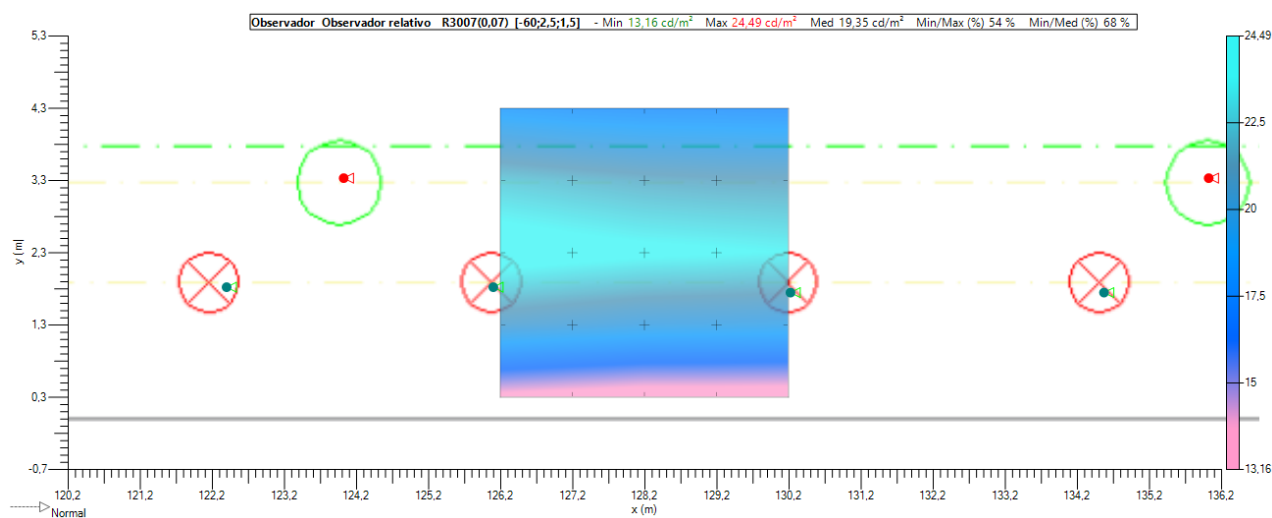
Resultados



Isolevel

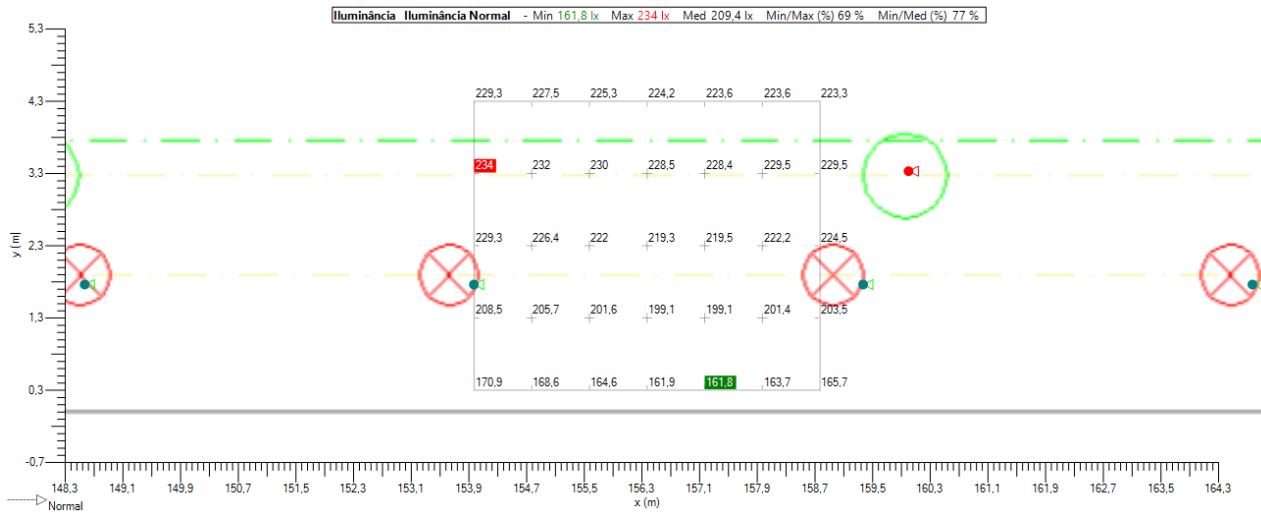


Sombreado

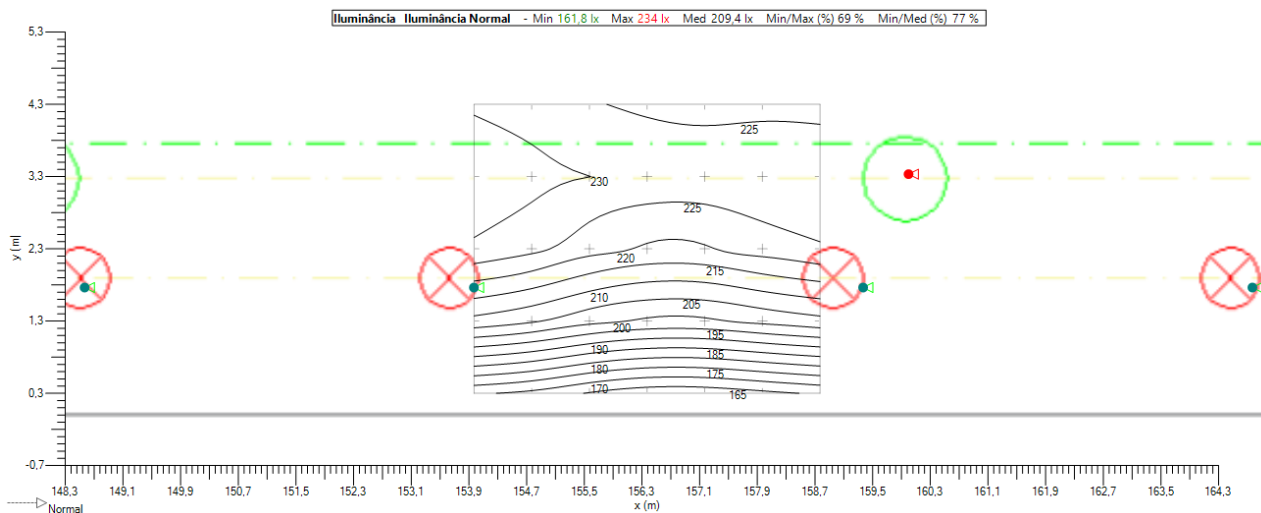


5.13. Z. INTERIOR SUL - Normal

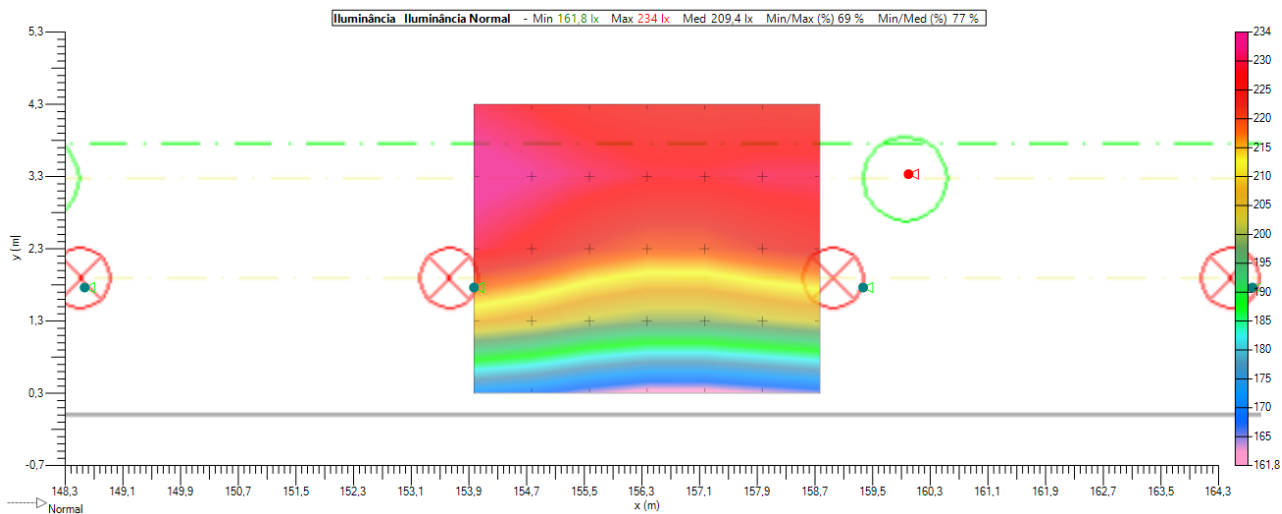
Resultados



Isolevel

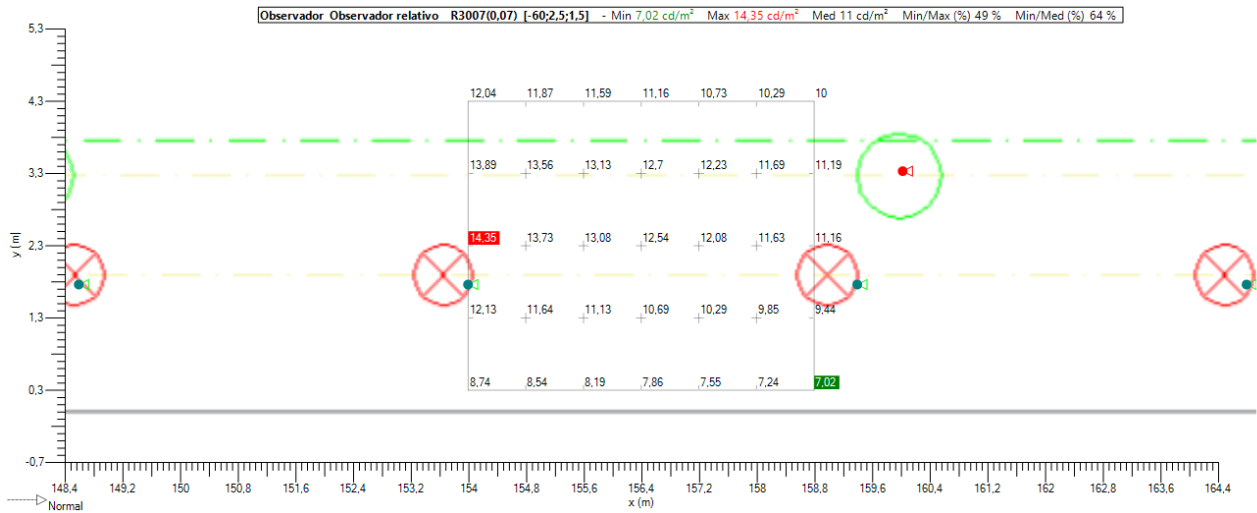


Sombreado

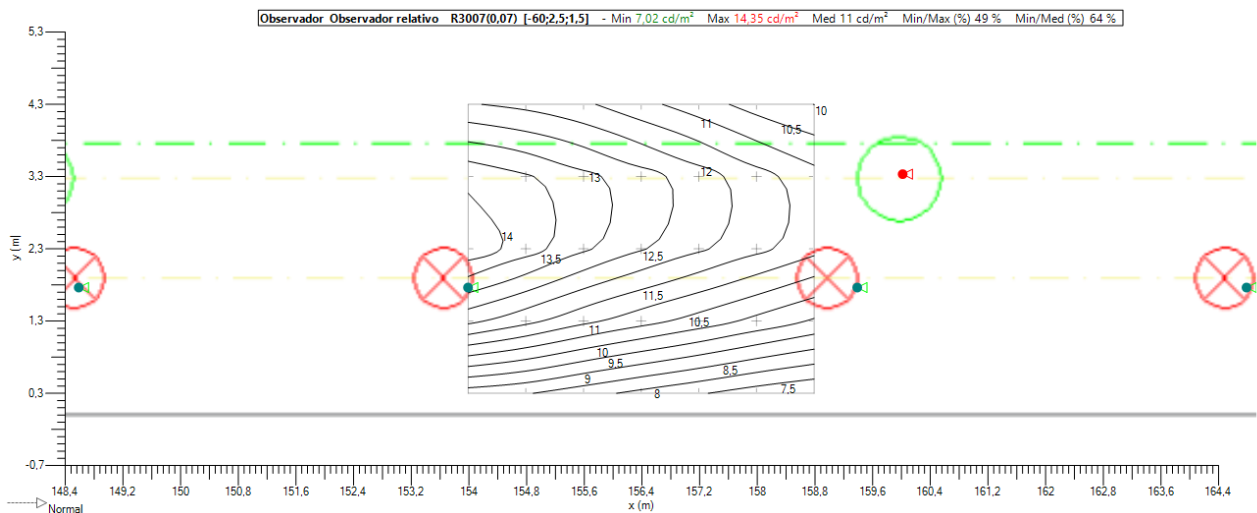


5.14. Z. INTERIOR SUL - Luminance RTable - Relative 1

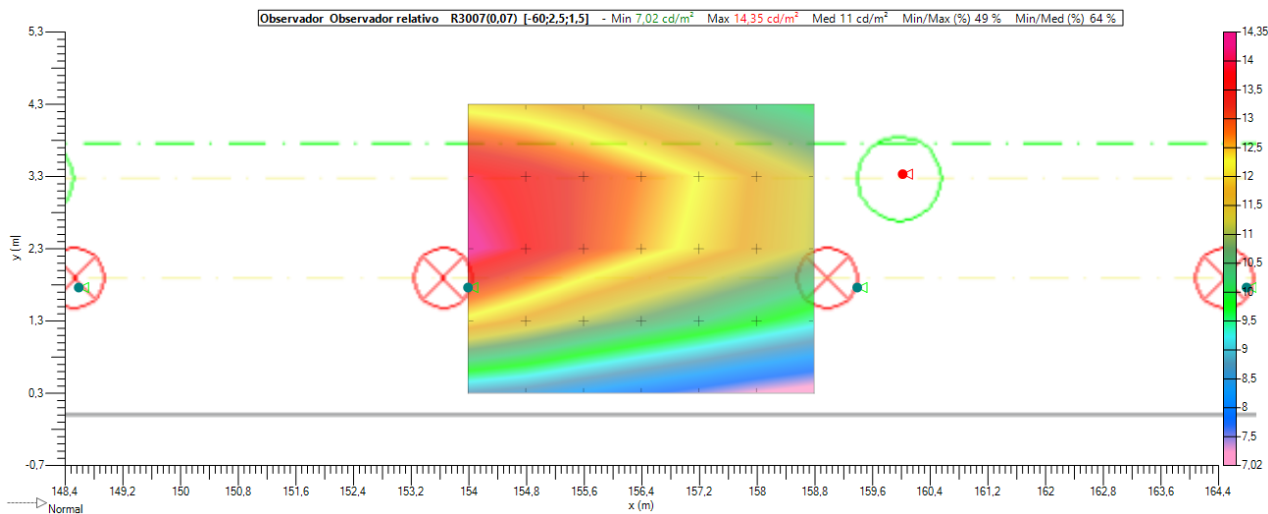
Resultados



Isolevel

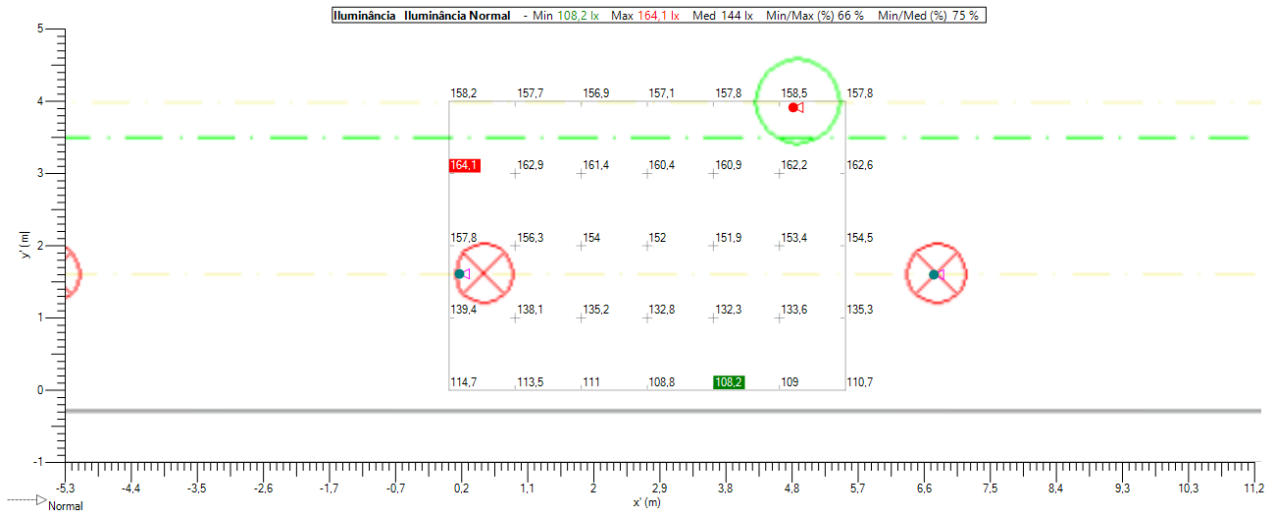


Sombreado

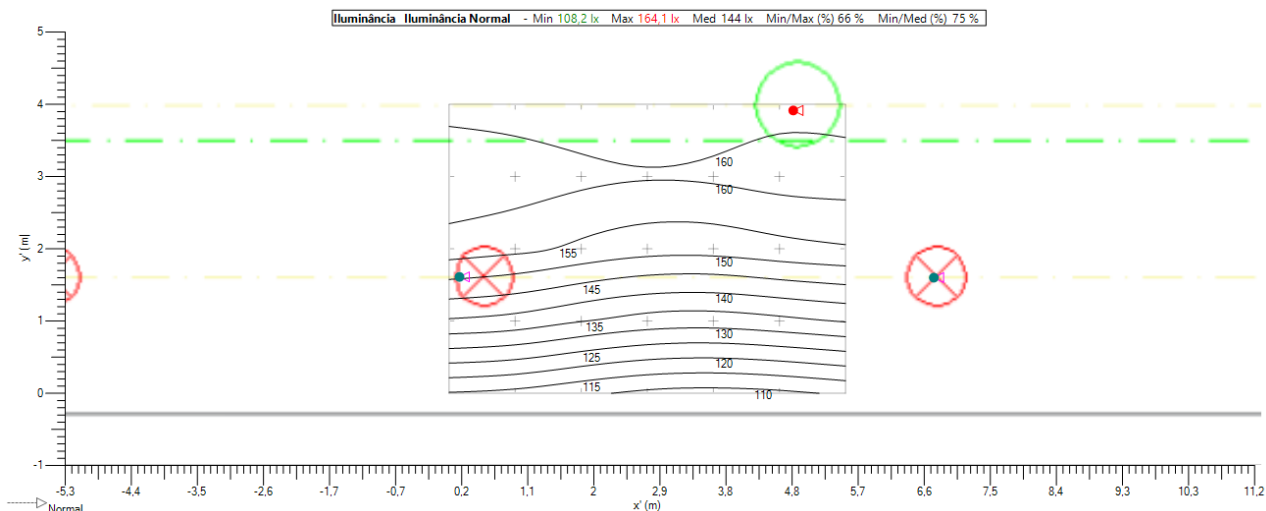


5.15. Z. INTERIOR NORTE - Normal

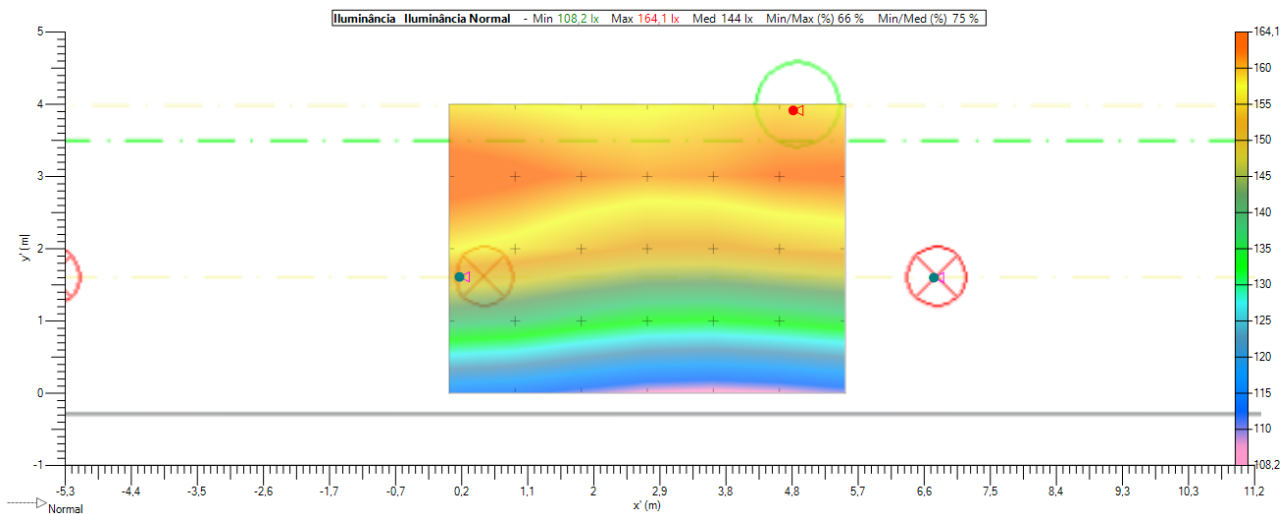
Resultados



Isolevel

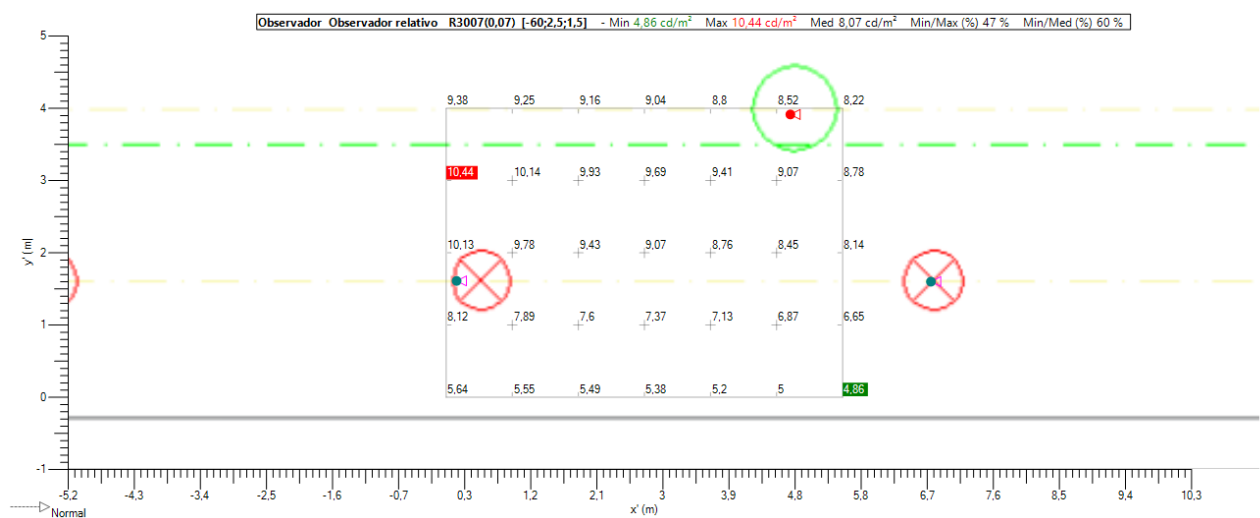


Sombreado

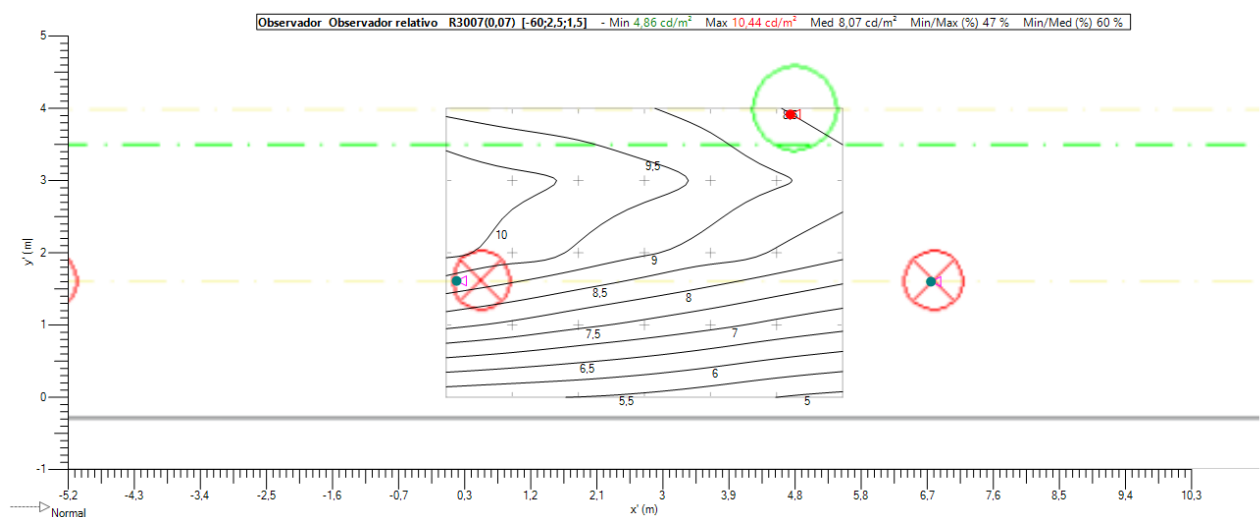


5.16. Z. INTERIOR NORTE - Luminance RTable - Relative 1

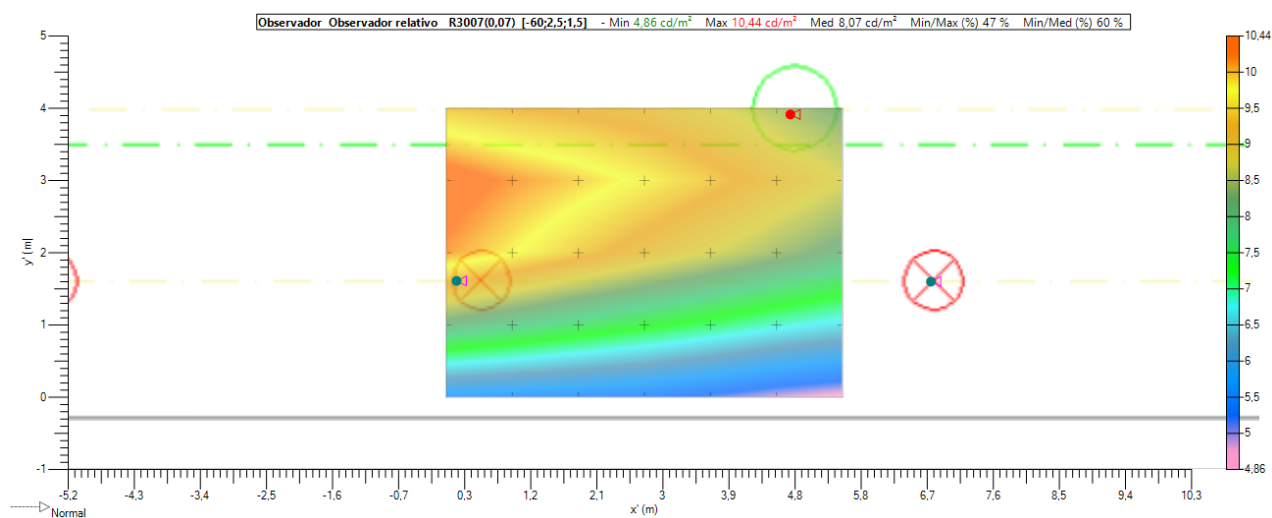
Resultados



Isolevel

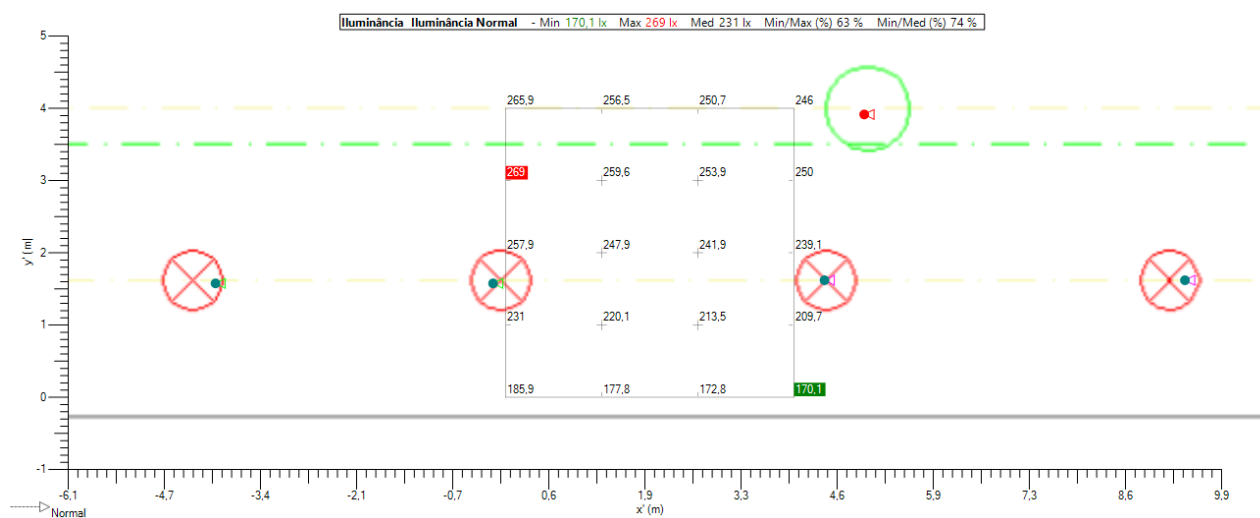


Sombreado

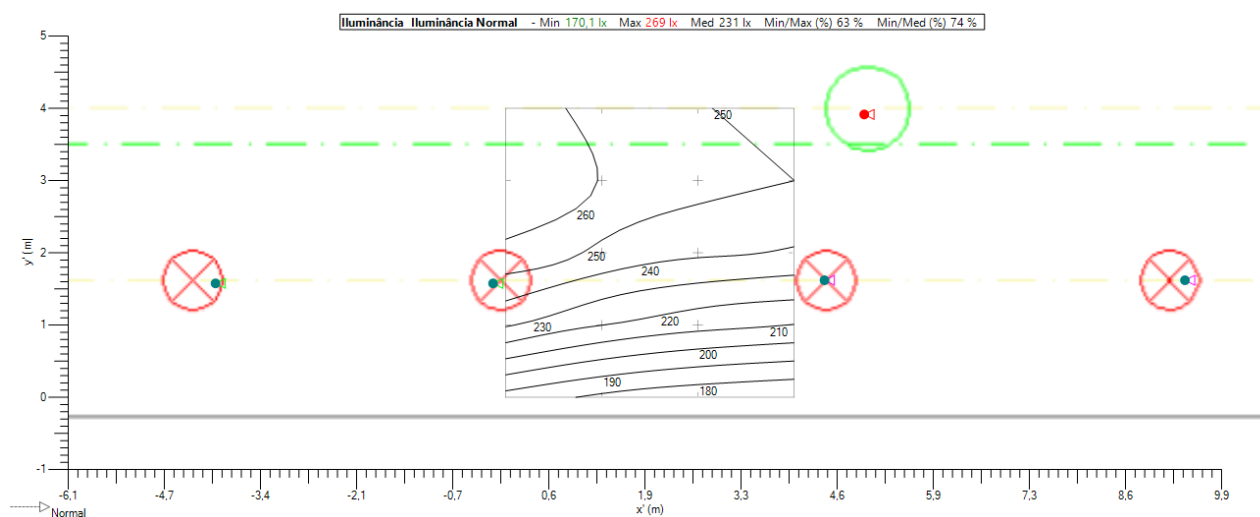


5.17. Z. TRANSIÇÃO NORTE - 4 - Normal

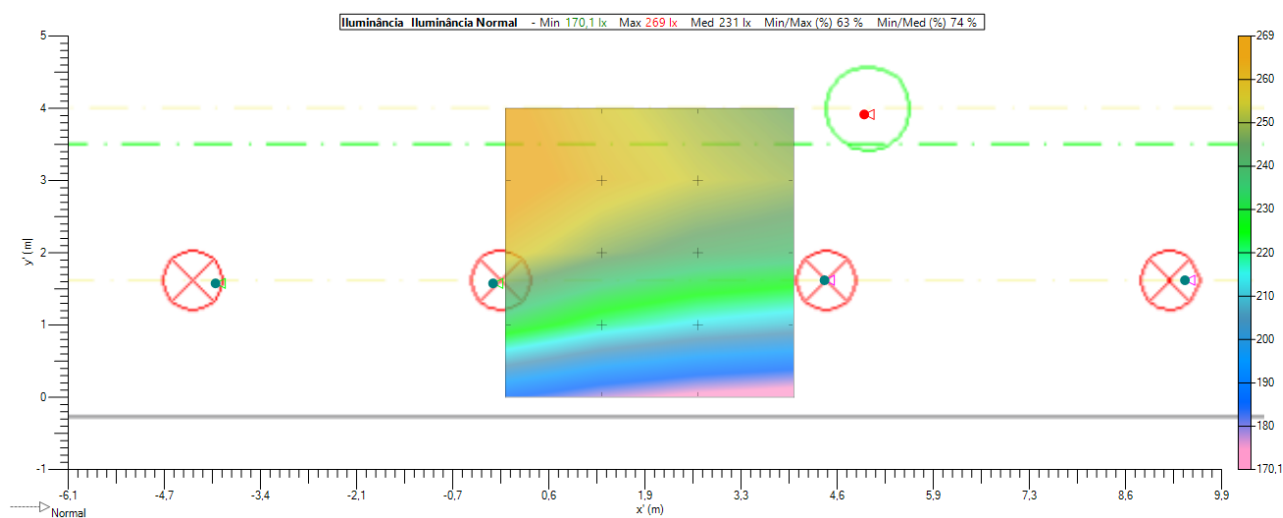
Resultados



Isolevel

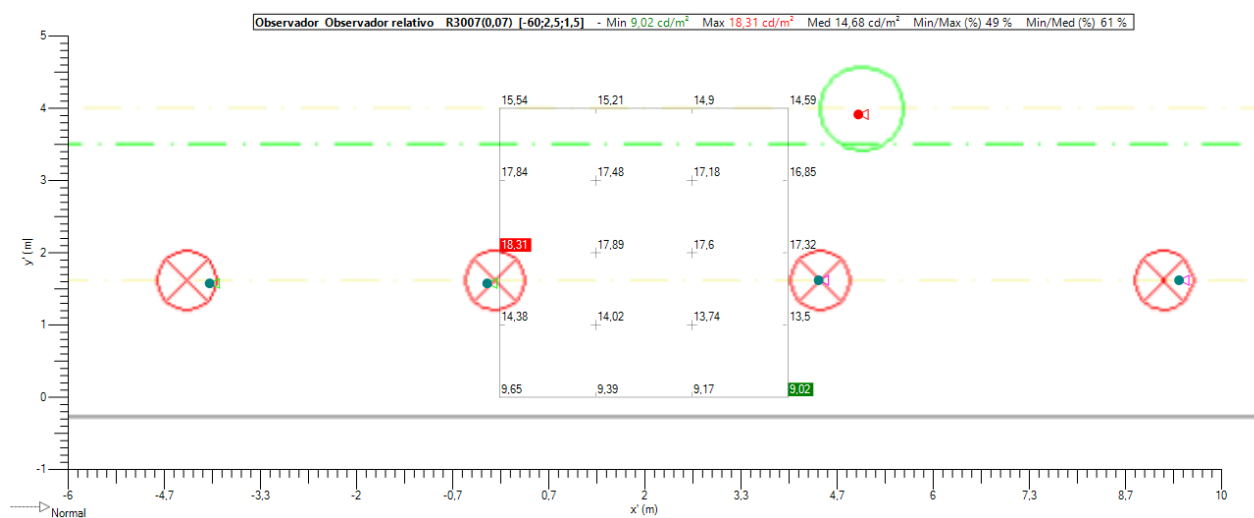


Sombreado

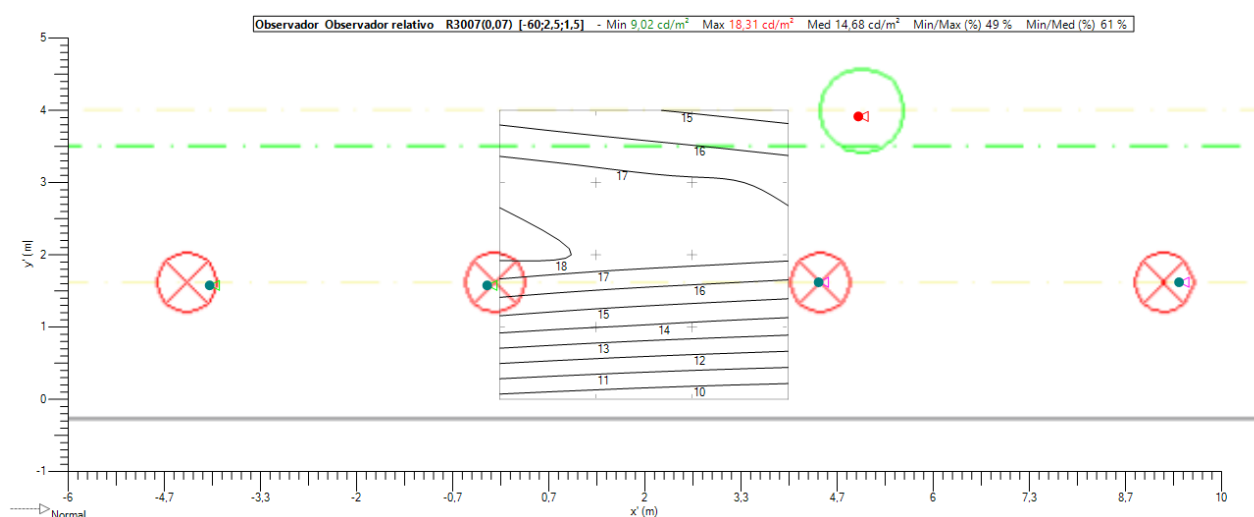


5.18. Z. TRANSIÇÃO NORTE - 4 - Luminance RTable - Relative 1

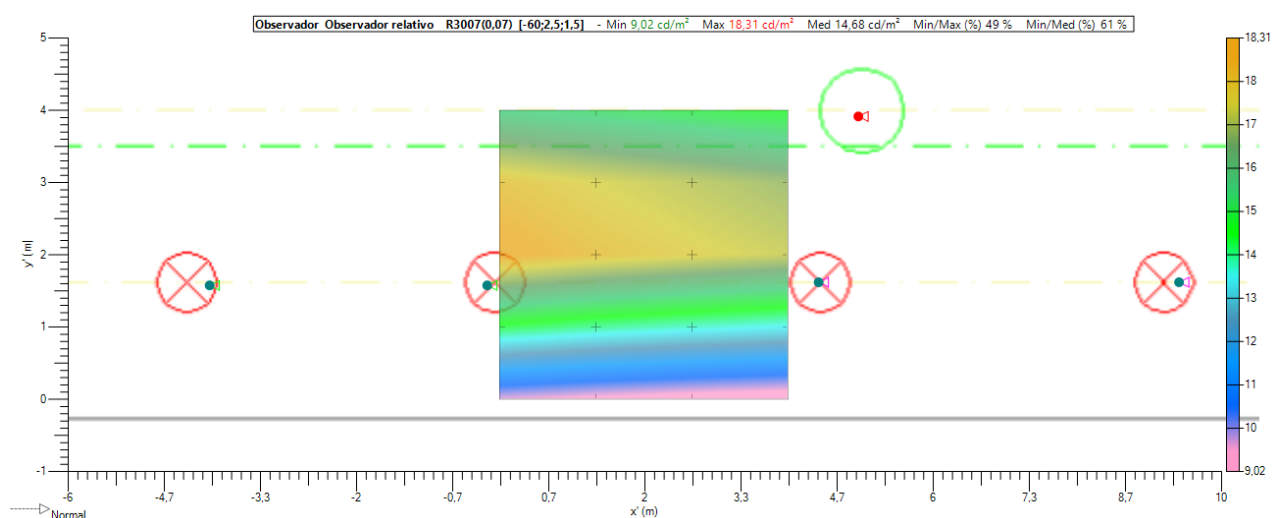
Resultados



Isolevel

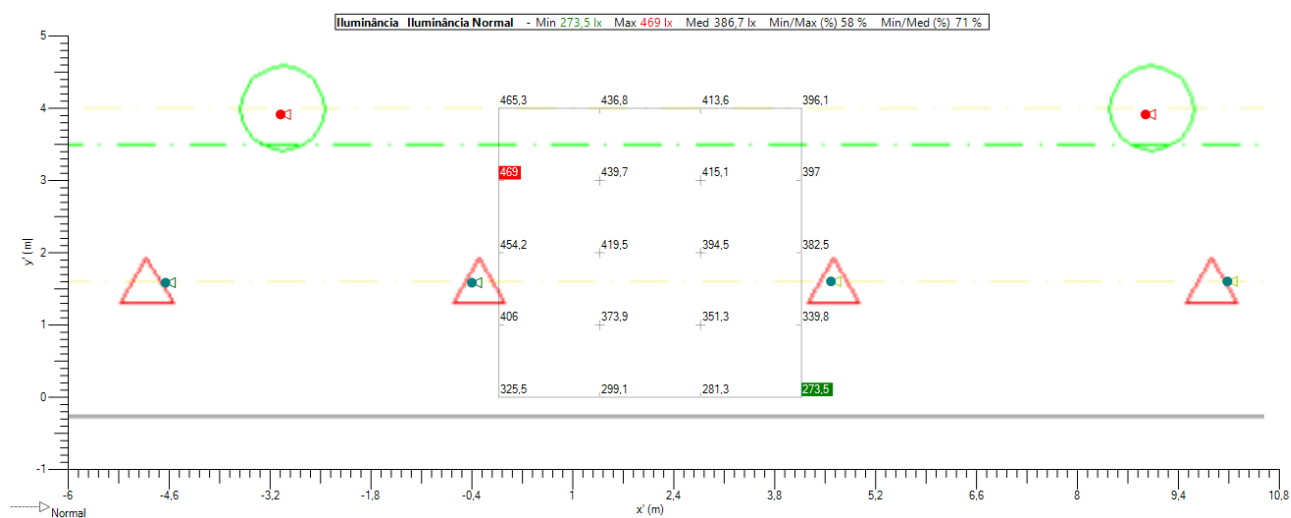


Sombreado

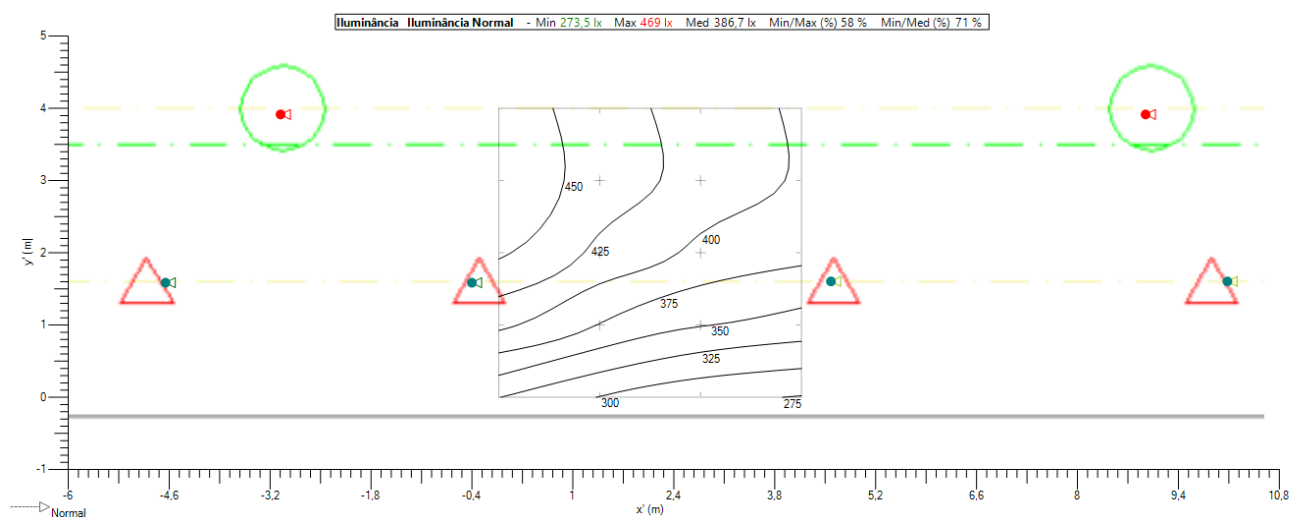


5.19. Z. TRANSIÇÃO NORTE - 3 - Normal

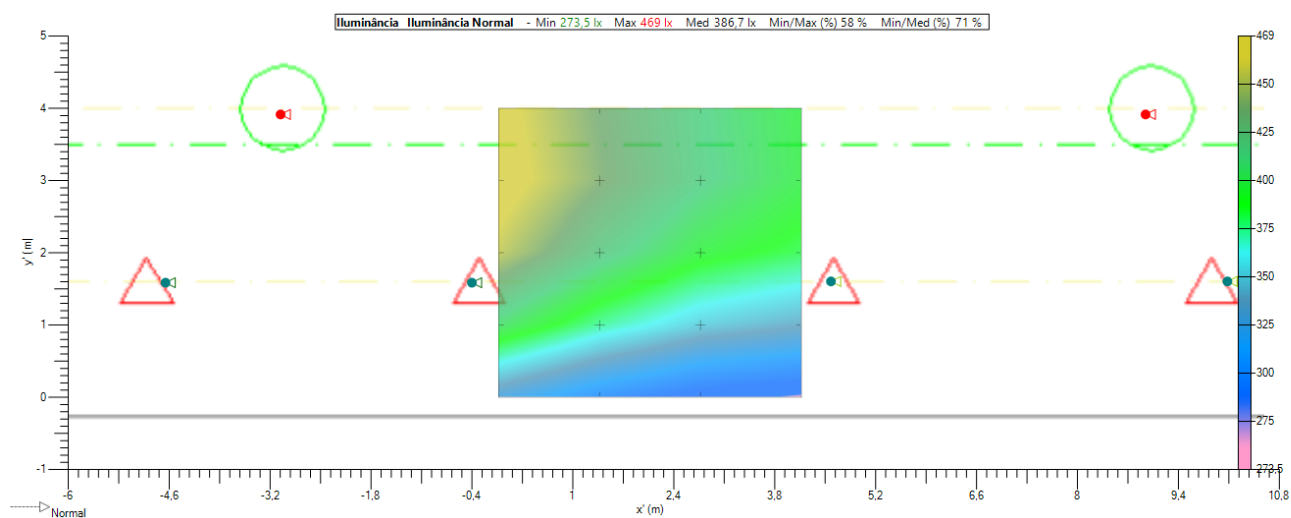
Resultados



Isolevel

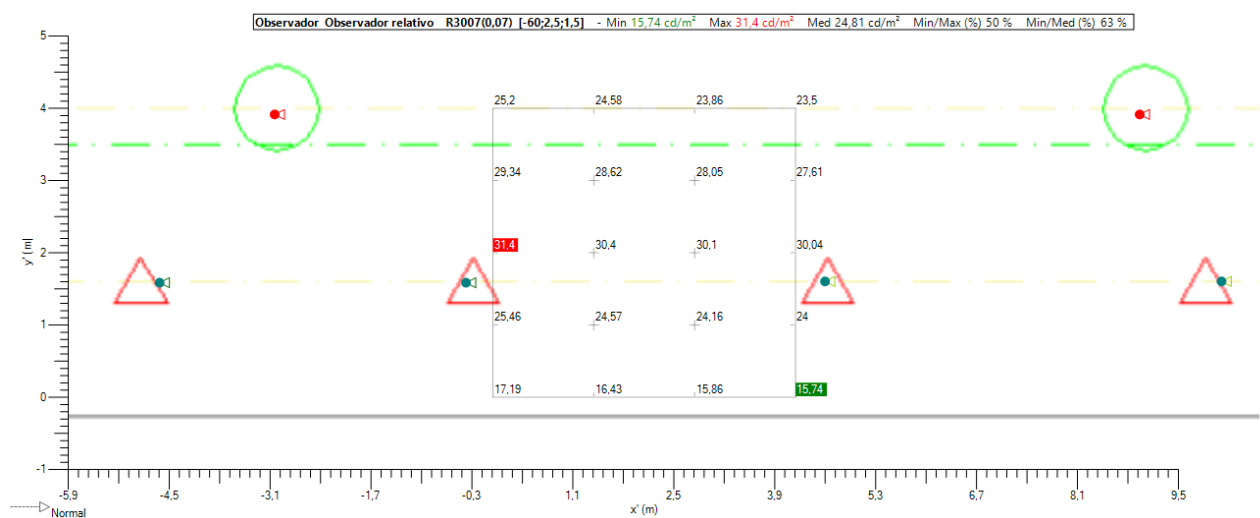


Sombreado

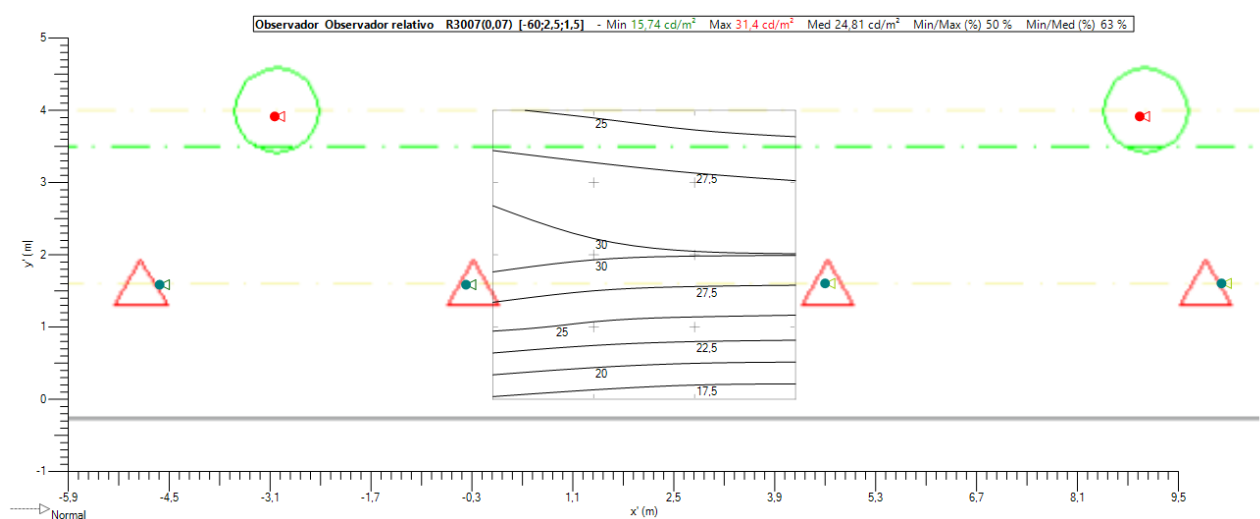


5.20. Z. TRANSIÇÃO NORTE - 3 - Luminance RTable - Relative 1

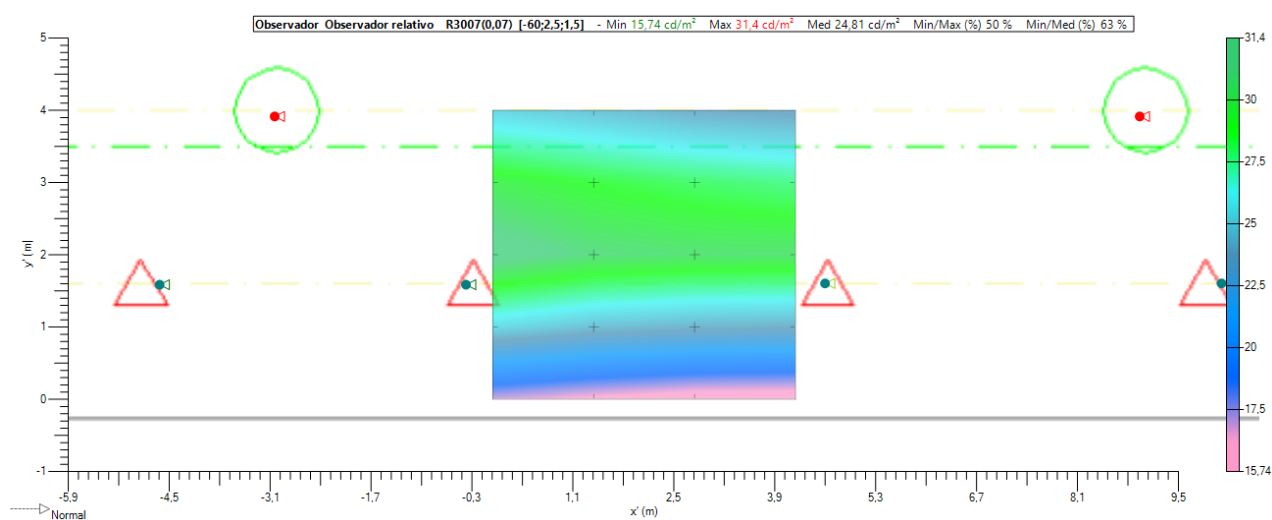
Resultados



Isolevel

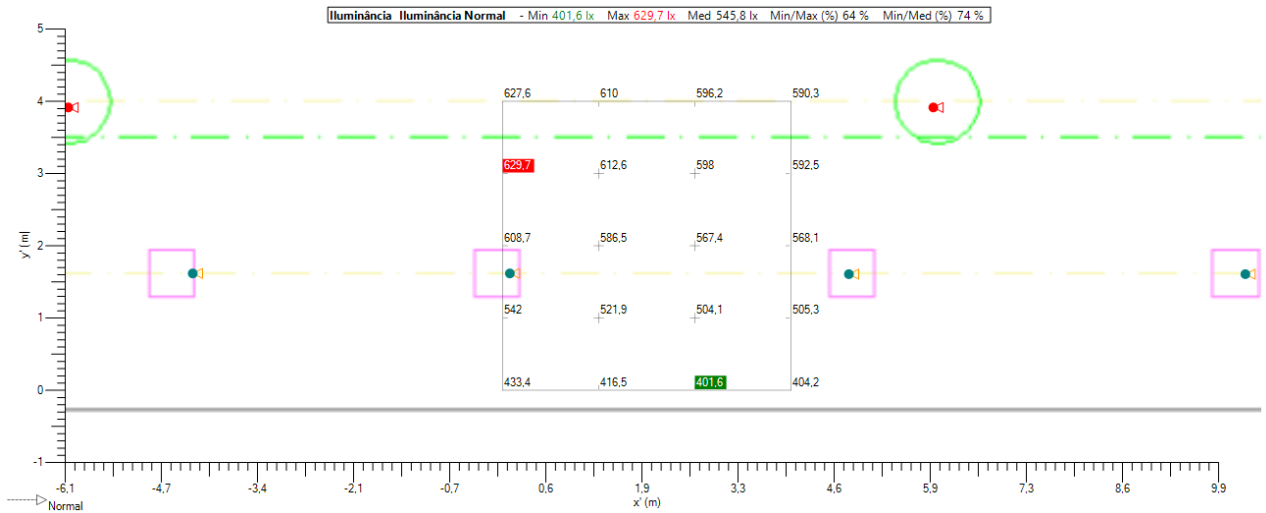


Sombreado

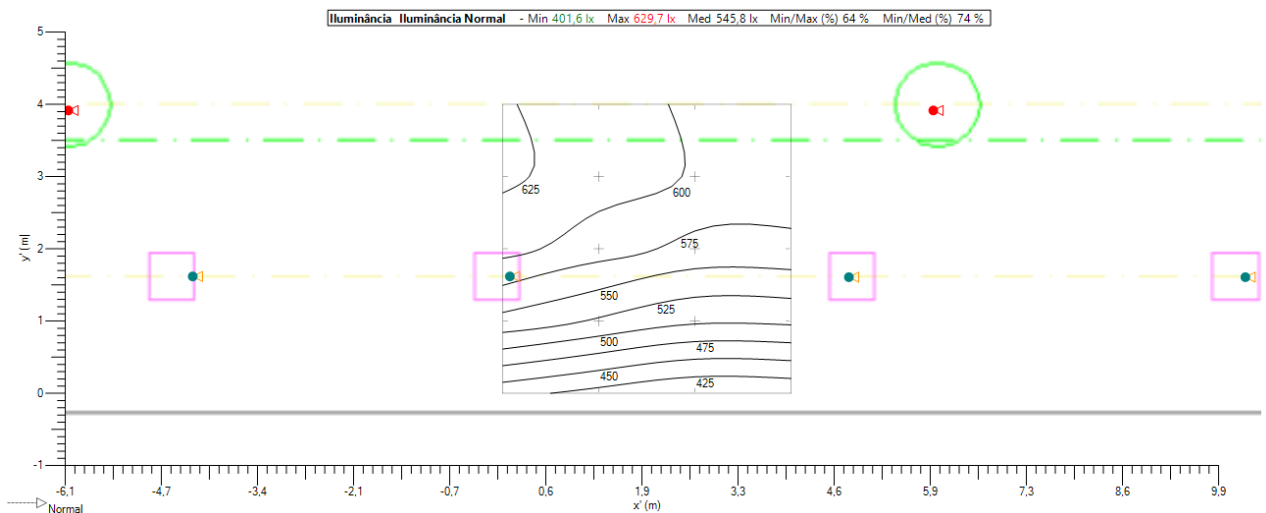


5.21. Z. TRANSIÇÃO NORTE - 2 - Normal

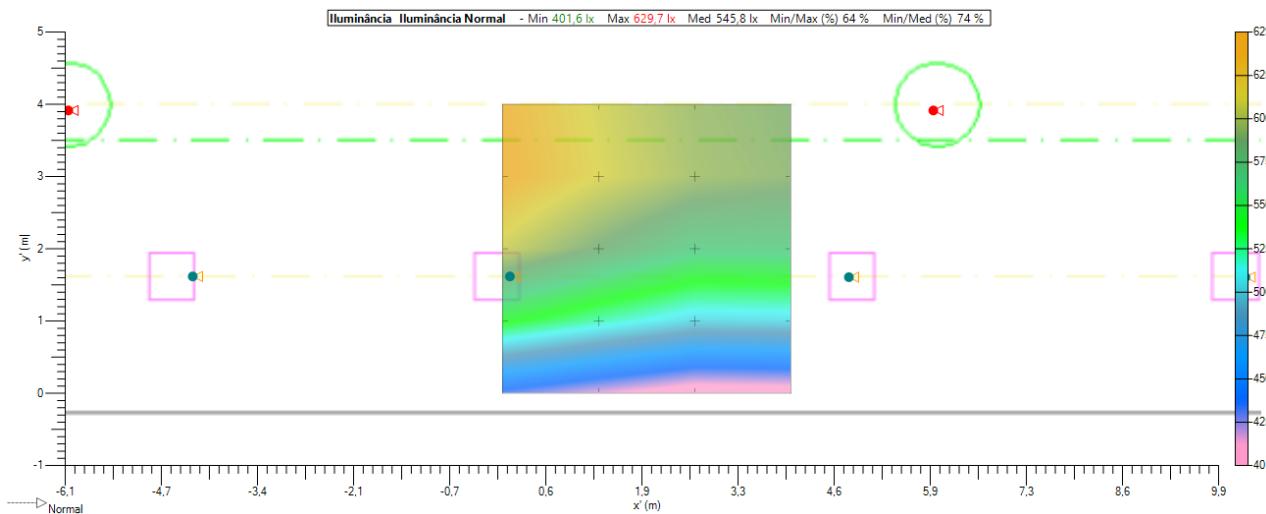
Resultados



Isolevel

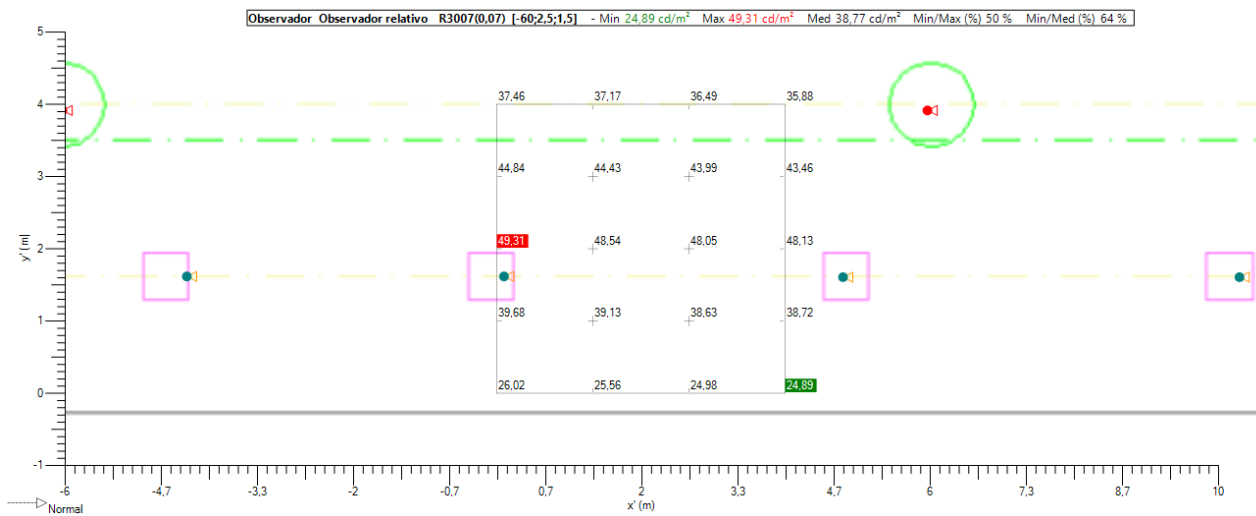


Sombreado

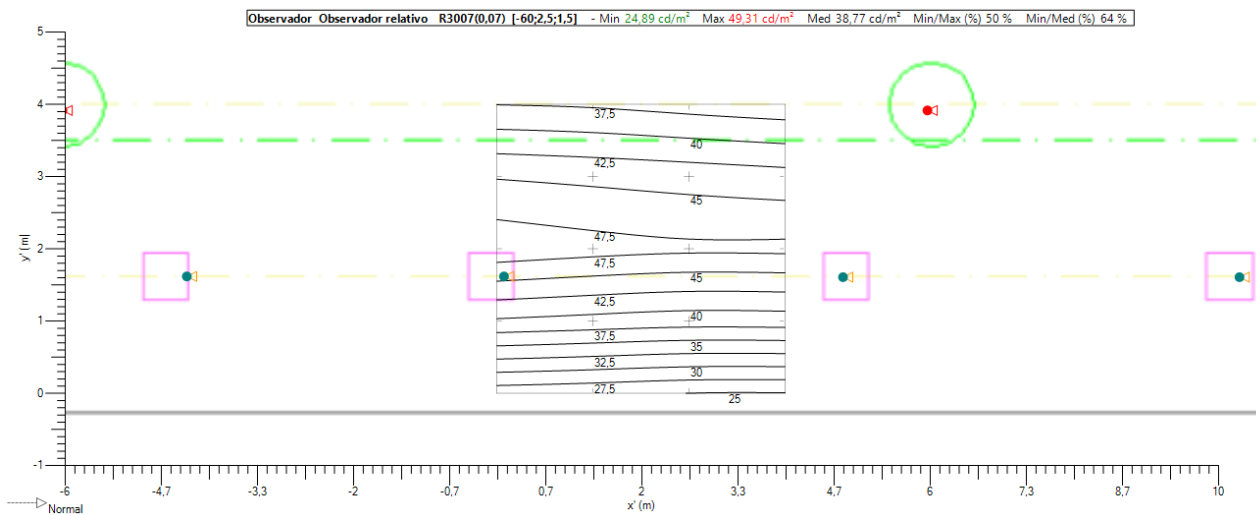


5.22. Z. TRANSIÇÃO NORTE - 2 - Luminance RTable - Relative 1

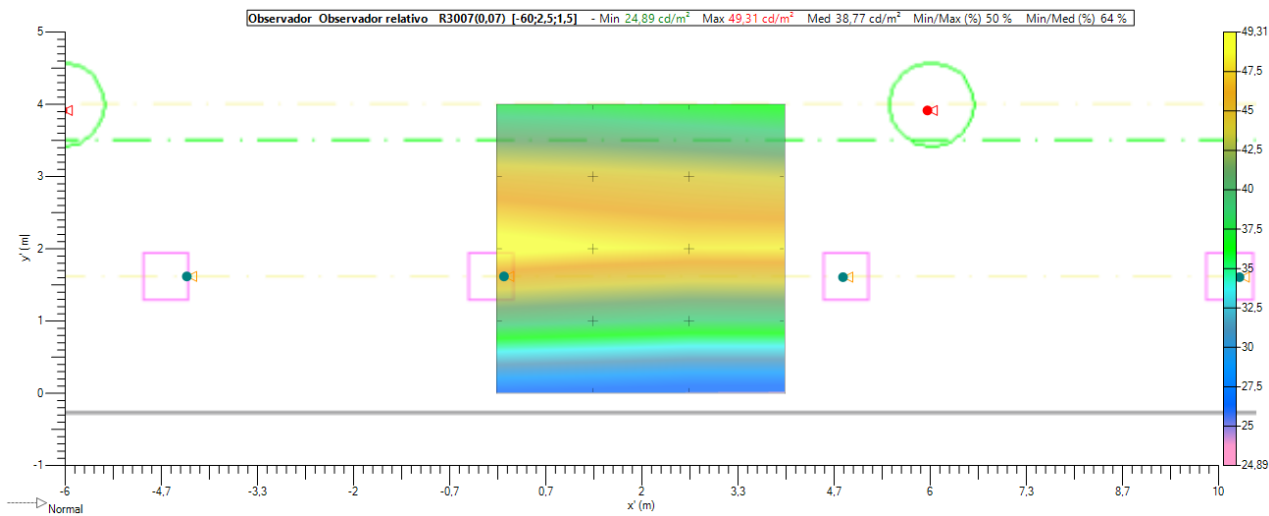
Resultados



Isolevel

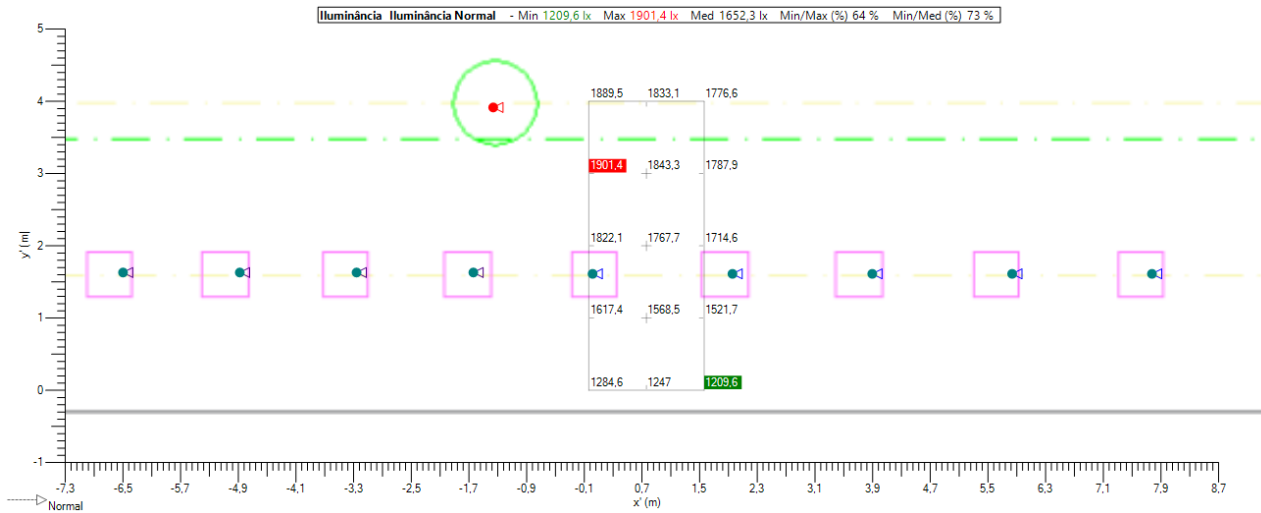


Sombreado

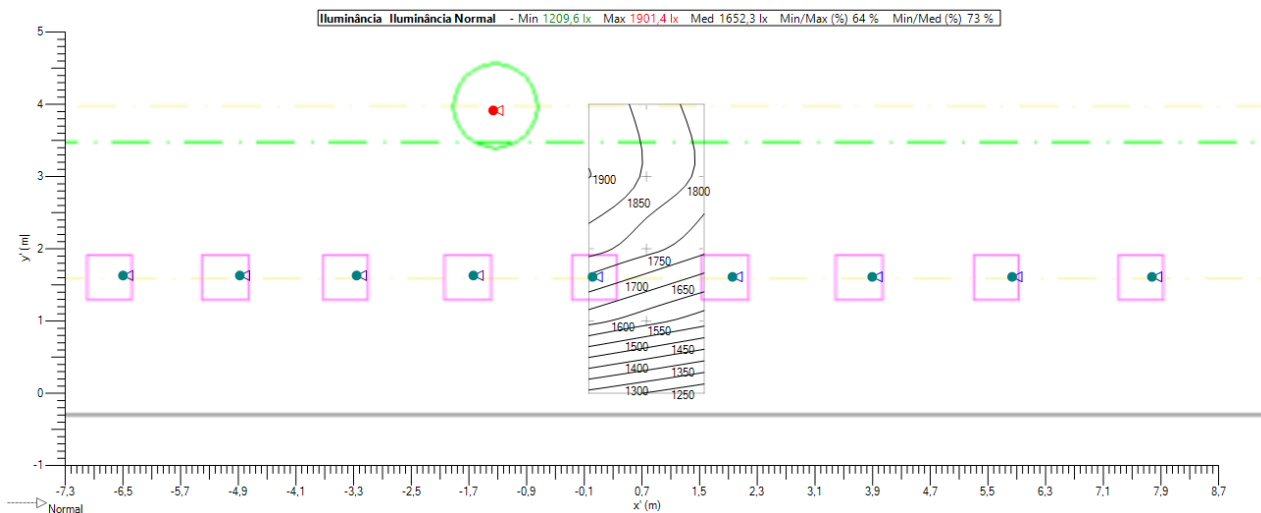


5.23. Z. TRANSIÇÃO NORTE - 1 - Normal

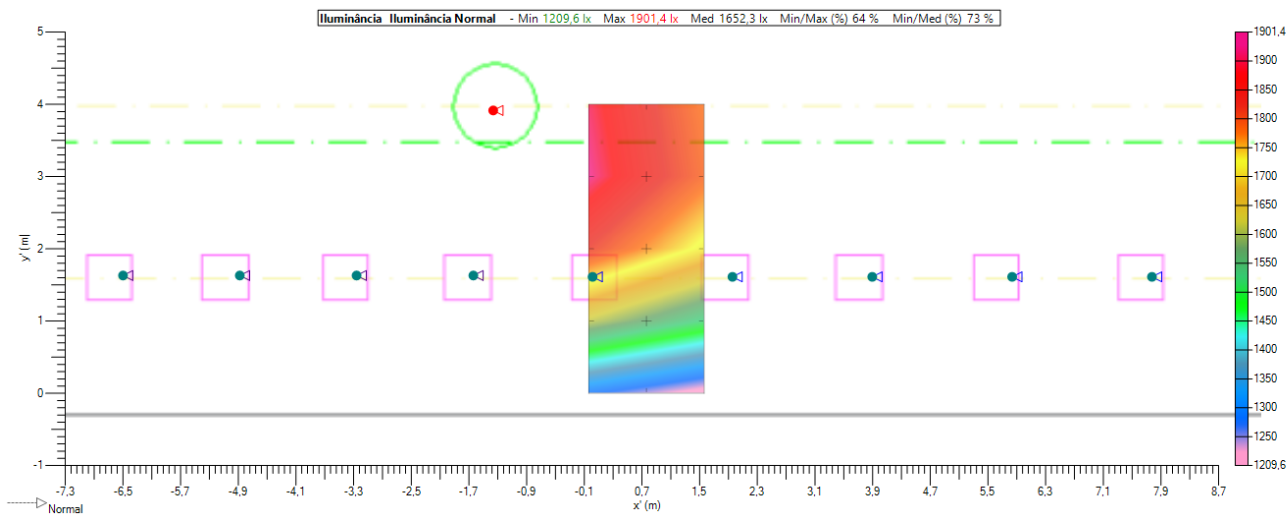
Resultados



Isolevel

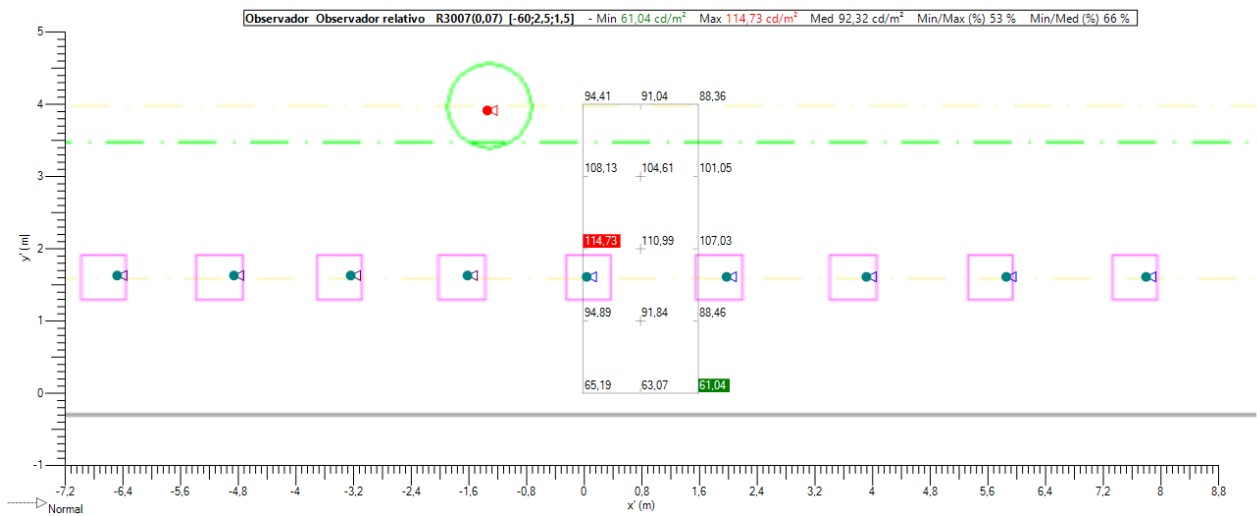


Sombreado

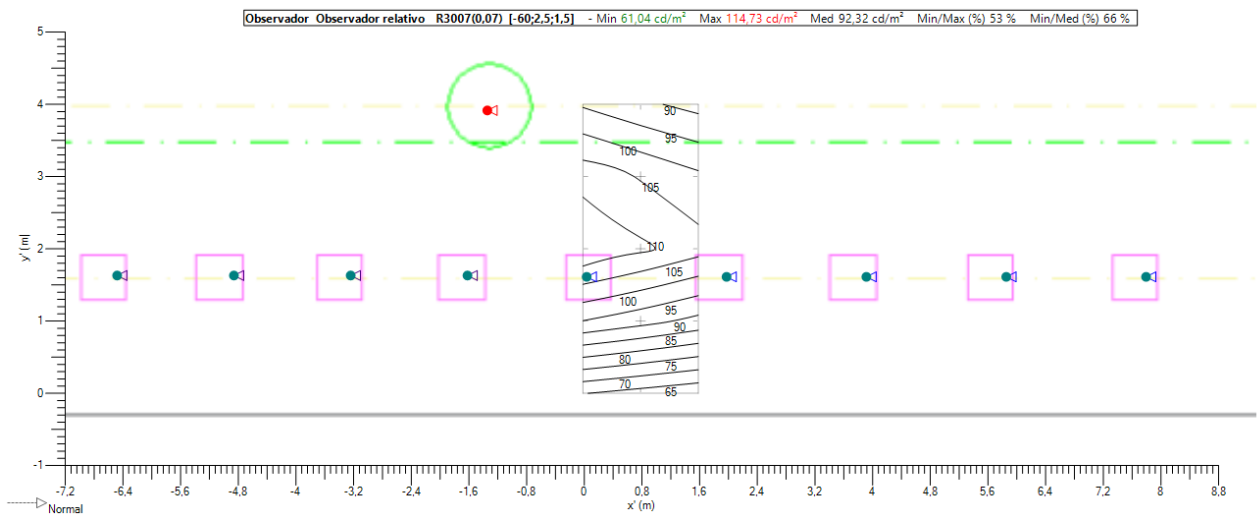


5.24. Z. TRANSIÇÃO NORTE - 1 - Luminance RTable - Relative 1

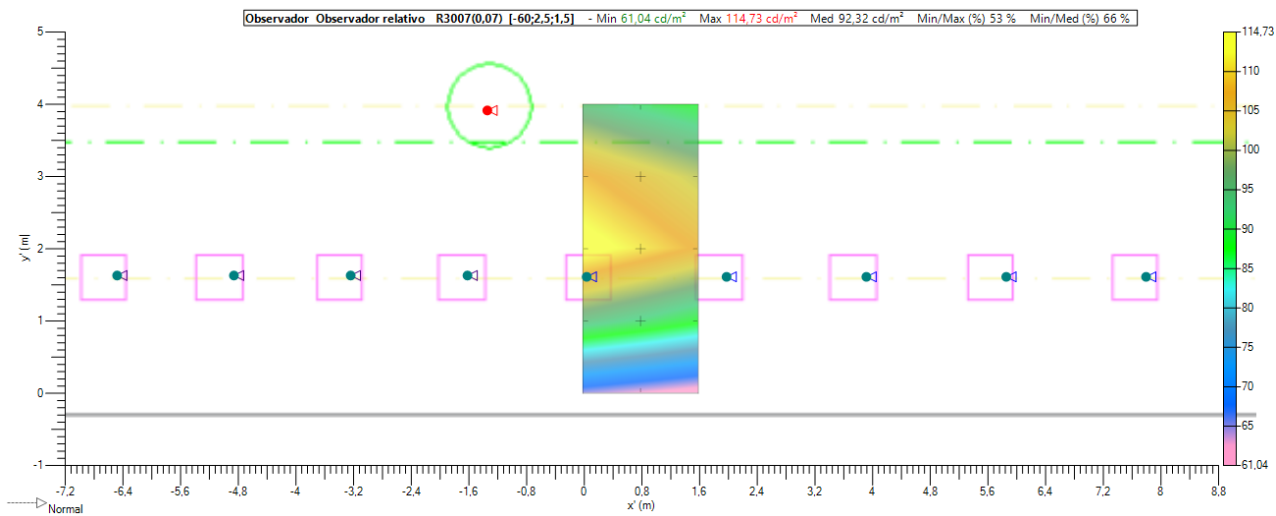
Resultados



Isolevel

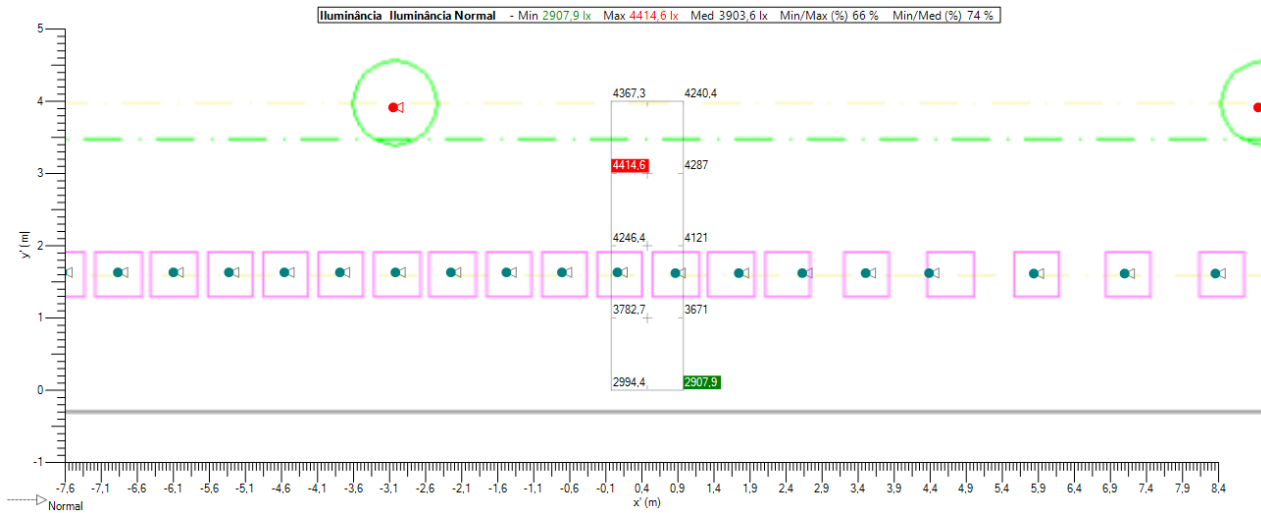


Sombreado

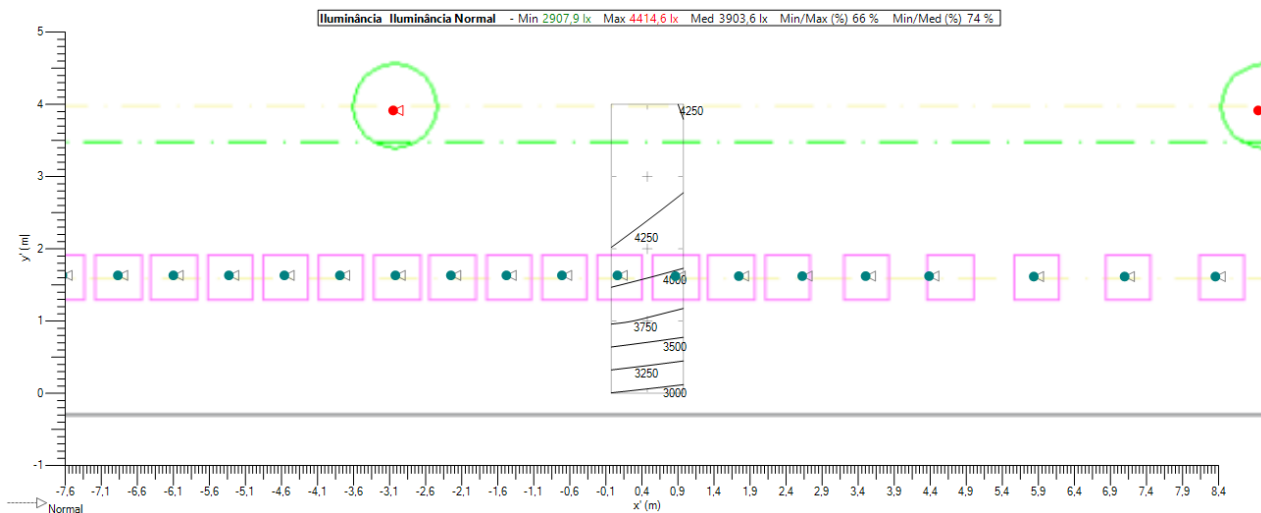


5.25. Z. ENTRADA NORTE_2 - Normal

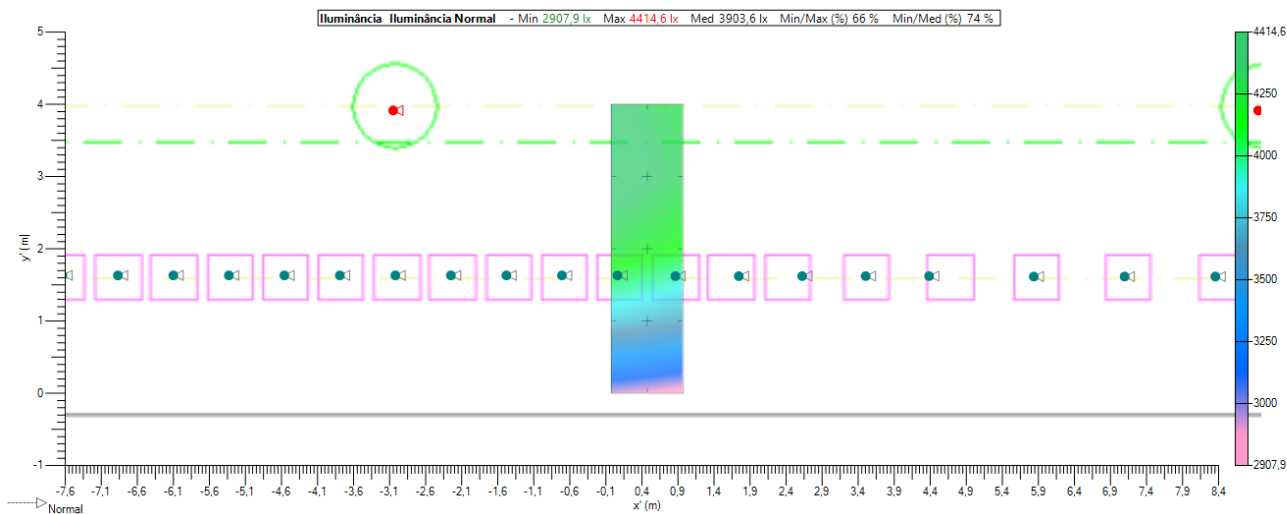
Resultados



Isolevel

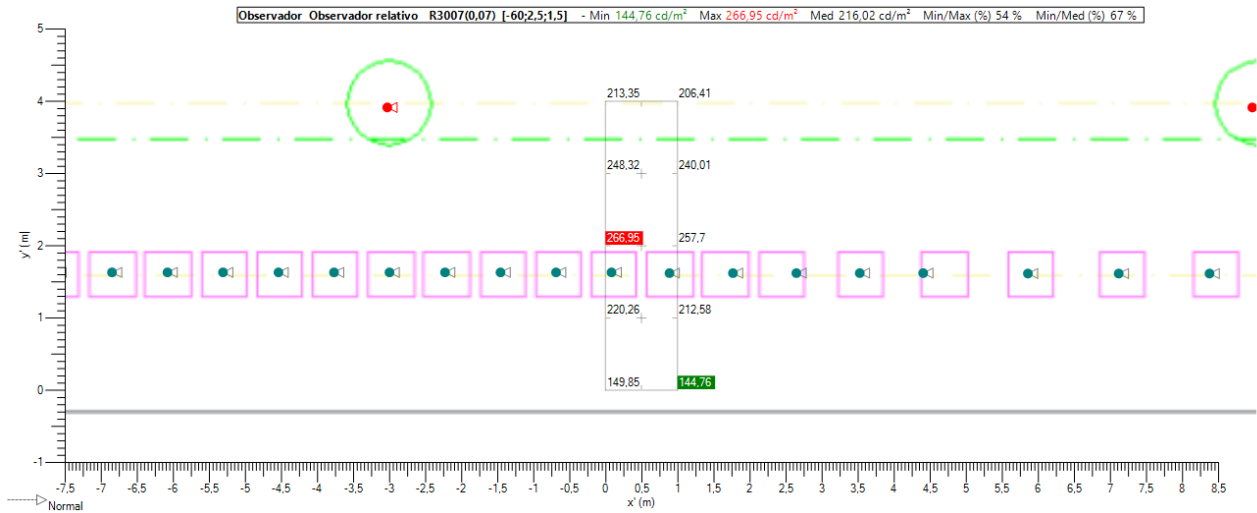


Sombreado

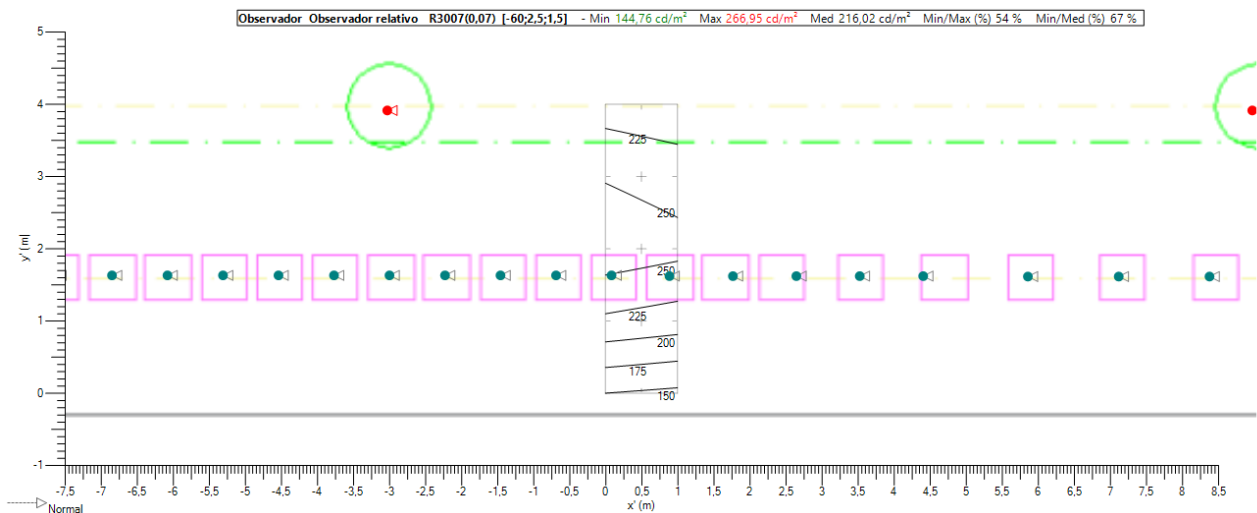


5.26. Z. ENTRADA NORTE_2 - Luminance RTable - Relative 1

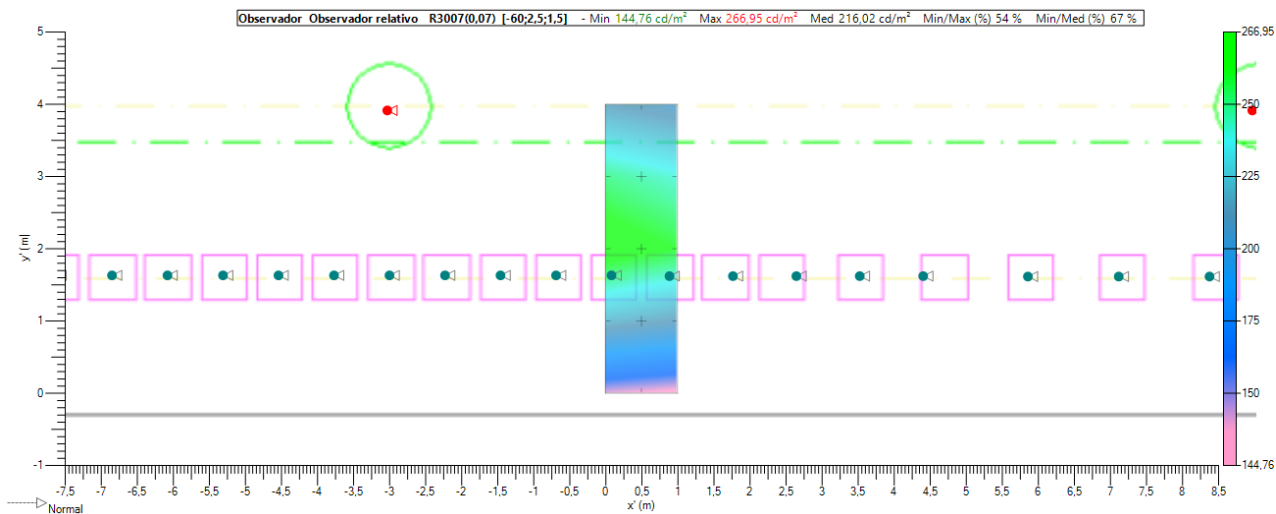
Resultados



Isolevel

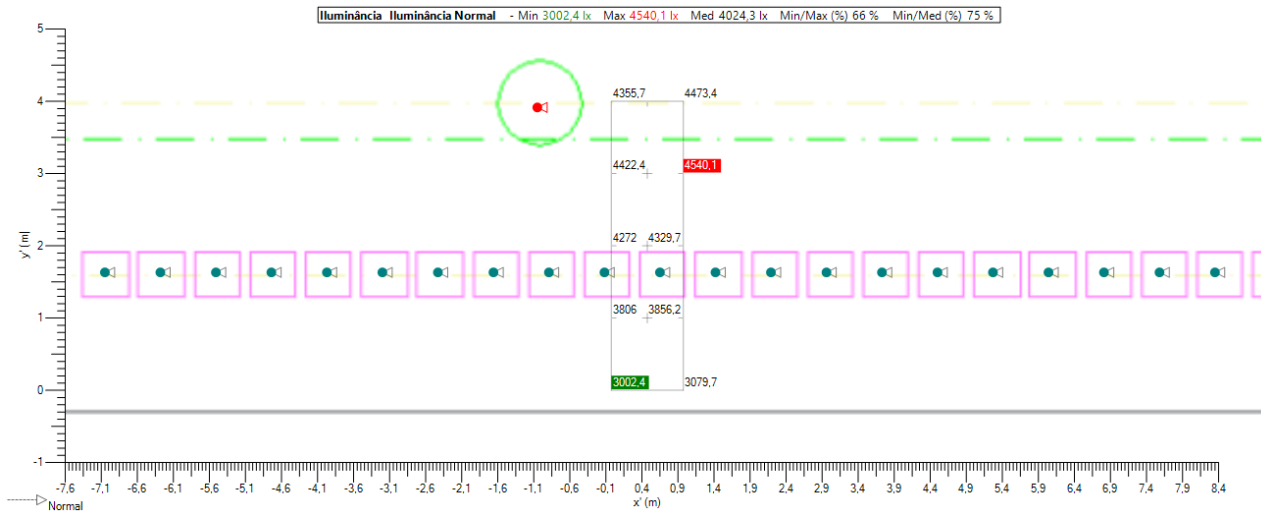


Sombreado

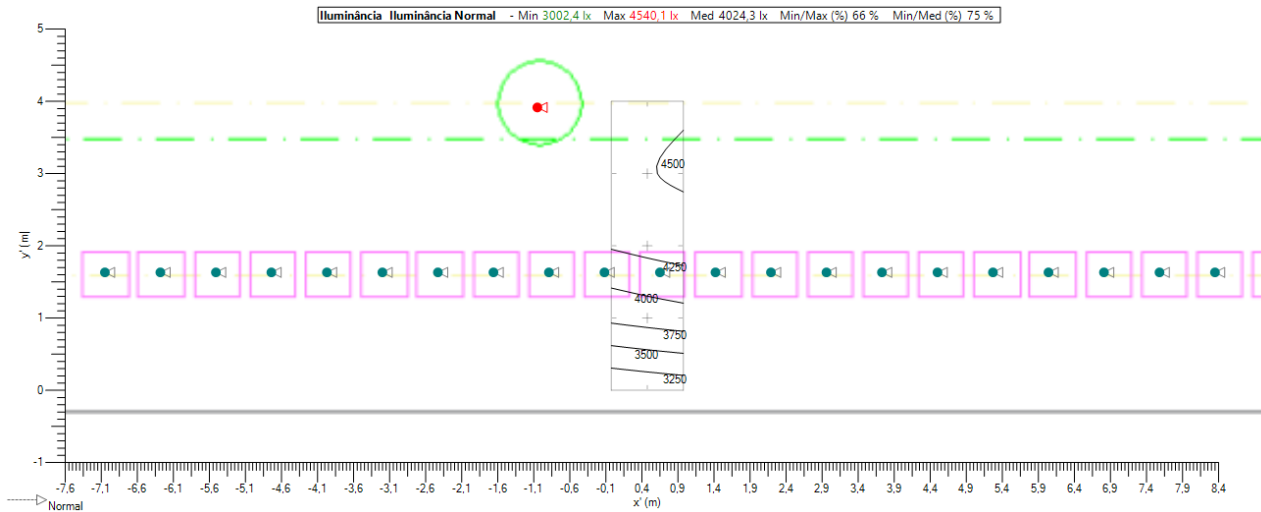


5.27. Z. ENTRADA NORTE_1 - Normal

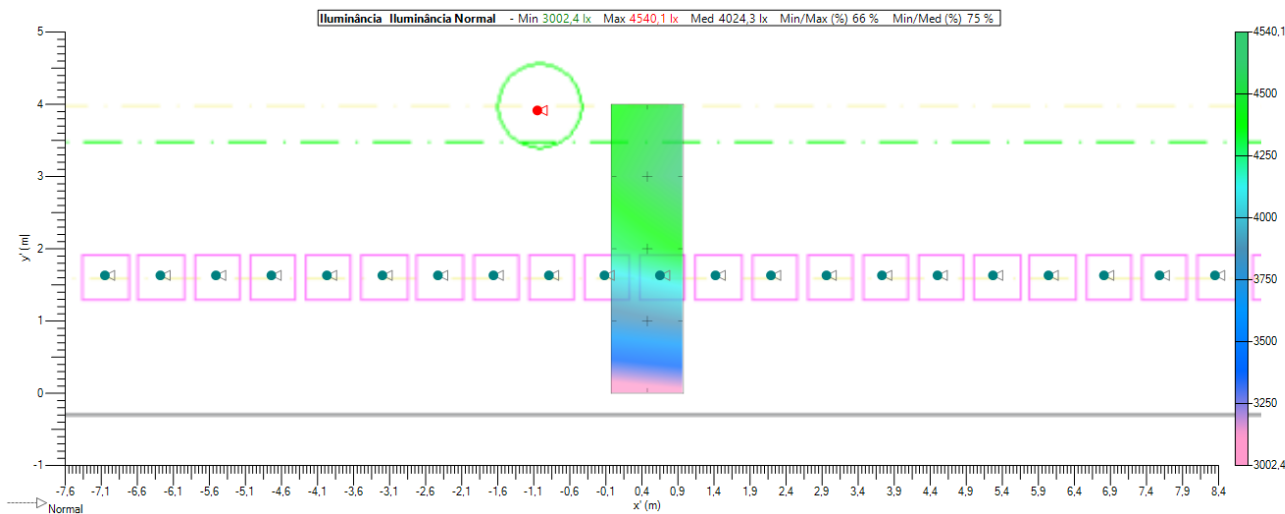
Resultados



Isolevel

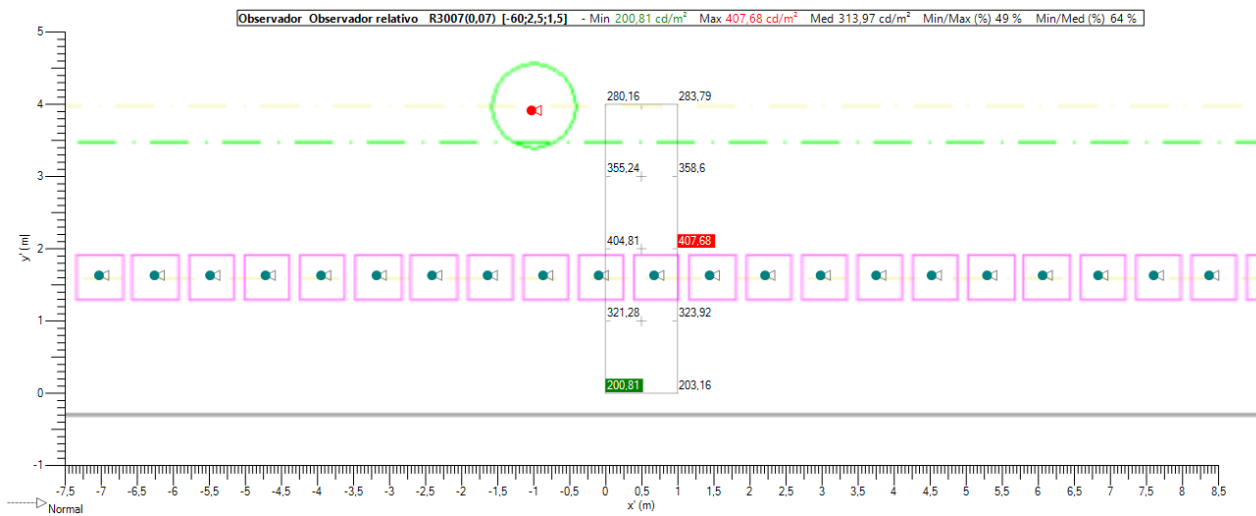


Sombreado

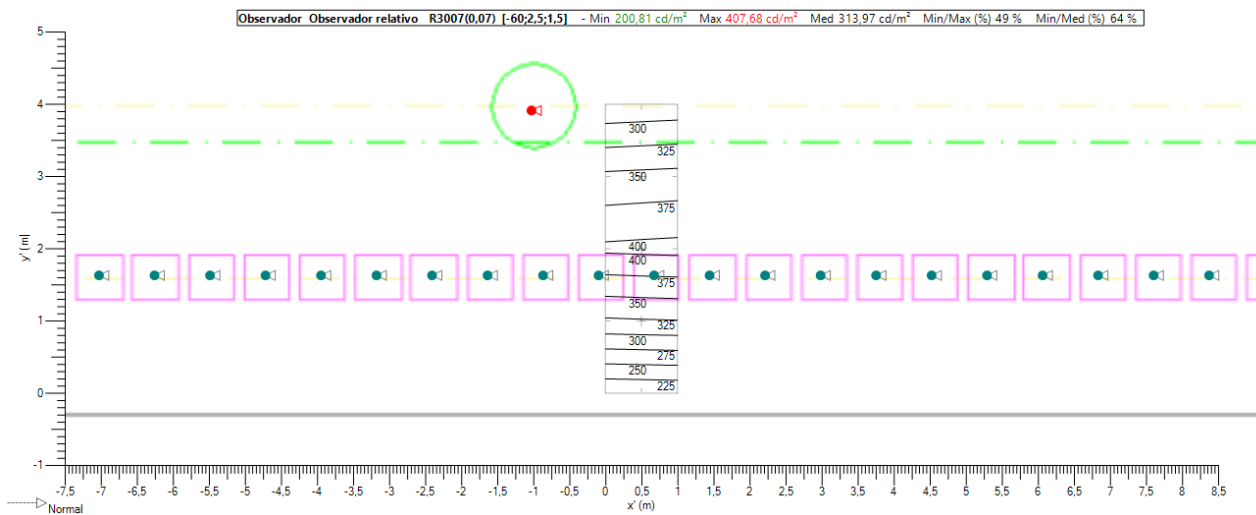


5.28. Z. ENTRADA NORTE_1 - Luminance RTable - Relative 1

Resultados



Isolevel



Sombreado

