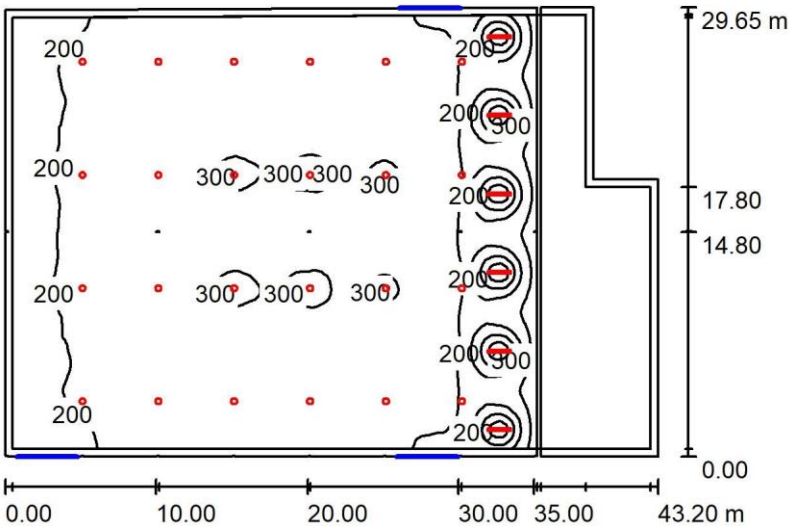


Entrepot Existante / Summary



Height of Room: 6.200 m, Maintenance factor: 0.50

Values in Lux, Scale 1:500

Surface	r [%]	E _{av} [lx]	E _{min} [lx]	E _{max} [lx]	u0
Workplane	/	214	5.90	496	0.028
Floors (2)	20	200	5.42	302	/
Ceilings (6)	60	147	5.01	642	/
Walls (7)	50	152	4.18	371	/

Workplane:

Height: 0.800 m
Grid: 128 x 128 Points
Boundary Zone: 0.500 m

Illuminance Quotient (according to LG7): Walls / Working Plane: - , Ceiling / Working Plane: - .

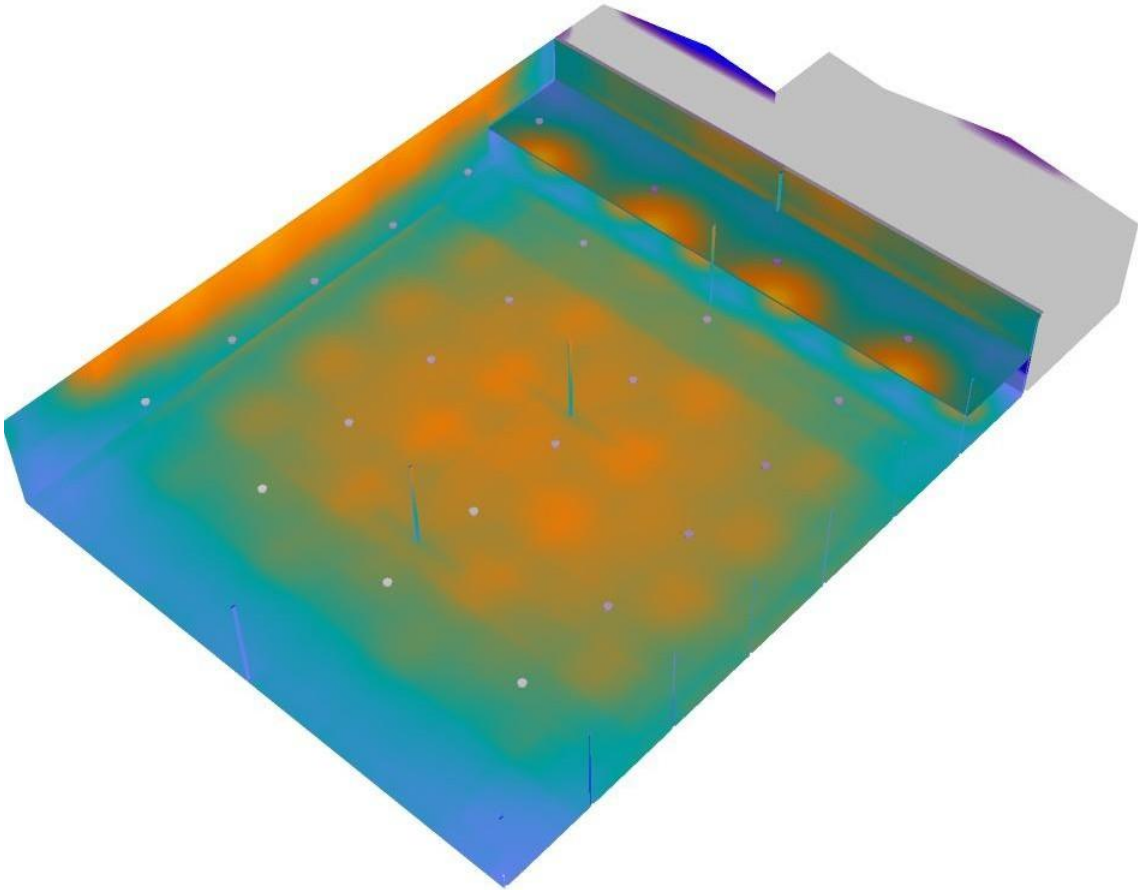
Luminaire Parts List

No.	Pieces	Designation(Correction Factor)	F (Luminaire) [lm]	F (Lamps) [lm]	P [W]
1	24	GEWISS GW83481 HALLE - 400W ME (F=1 / KN4) (1.000)	28024	34000	428.0
2	6	Philips TMS028 2xTL-D58W HFP +GMS028 L (1.000)	7072	10400	110.0
Total:			714999	878400	10932.0

Specific connected load: 8.90 W/m² = 4.15 W/m²/100 lx (Ground area: 1228.38 m²)



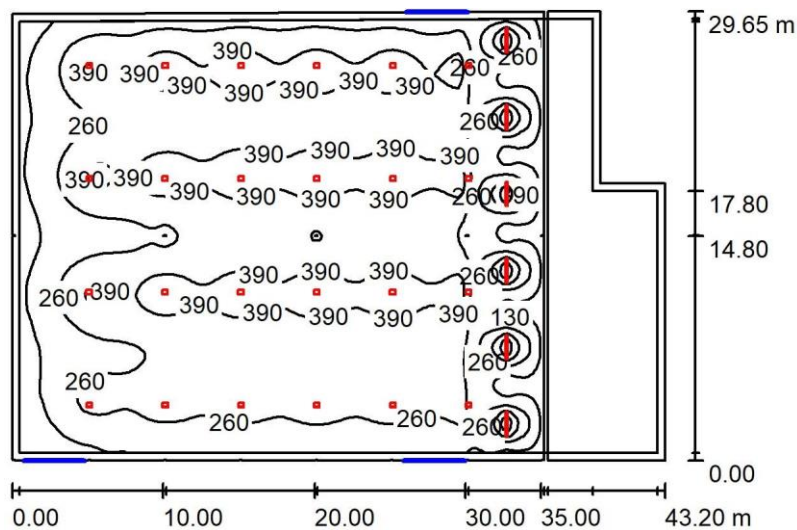
Entrepot Existante / False Colour Rendering



25 50 75 100 200 300 400 500 600

lx

Entrepot - LED / Summary



Height of Room: 6.200 m, Maintenance factor: 0.85

Values in Lux, Scale 1:500

Surface	r [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Workplane	/	255	2.57	642	0.010
Floors (2)	20	238	2.40	422	/
Ceilings (6)	60	59	2.05	174	/
Walls (7)	50	72	2.09	208	/

Workplane:

Height: 0.800 m
 Grid: 128 x 128 Points
 Boundary Zone: 0.500 m

Illuminance Quotient (according to LG7): Walls / Working Plane: - , Ceiling / Working Plane: - .

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	F (Luminaire) [lm]	F (Lamps) [lm]	P [W]
1	6	ACQUA LEDT5 1x1.5 UG7 ET(EDD) PMMA CLEAR INOX 1xUG7-1500-940 (Type 1)* (1.000)	6050	7035	47.0
2	6	GE LIGHTING ABVG21F58D1NSTNCE ABVG21M D1 70W NEDAP (1.000)	10601	10601	70.0
3	18	GE LIGHTING ABVG21F58D1NSTNCE ABVG21M D1 70W NEDAP (Type 1)* (1.000)	15000	15000	105.0

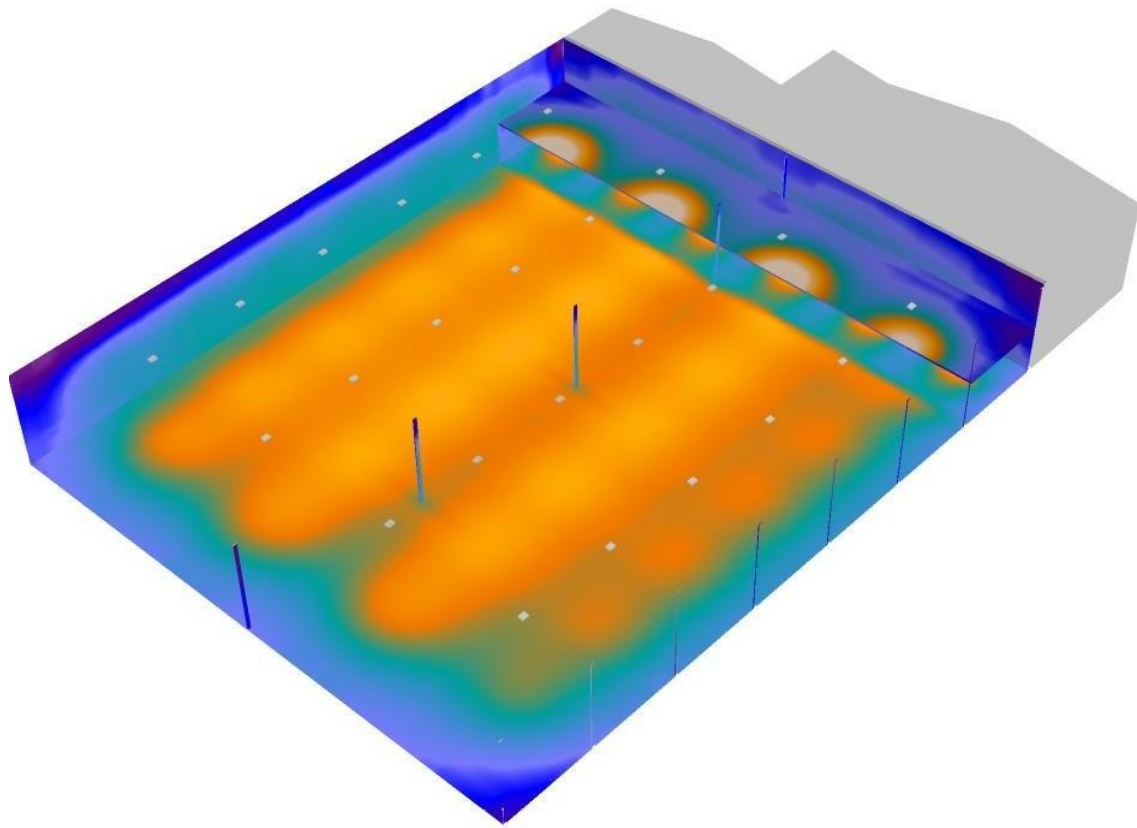
*Modified Technical Specifications

Total: 369909 Total: 375819 2592.0

Specific connected load: $2.11 \text{ W/m}^2 = 0.83 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 1228.38 m²)



Entrepot - LED / False Colour Rendering



25

50

75

100

200

300

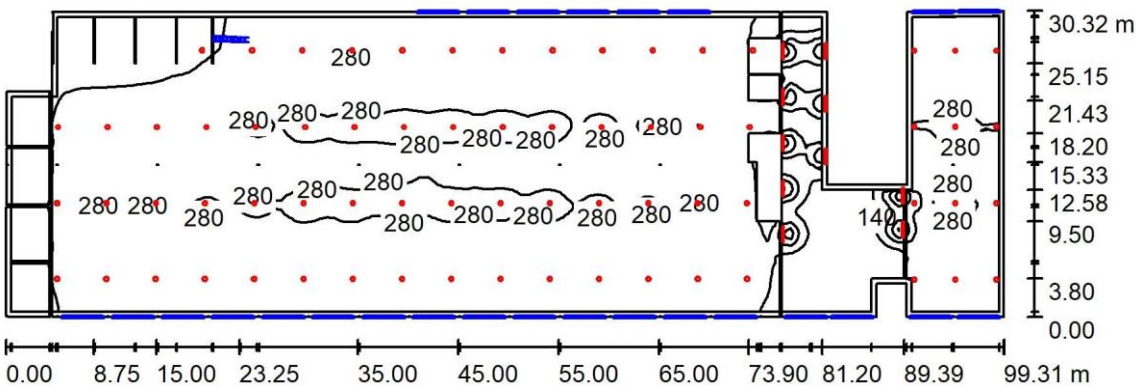
400

500

600

lx

Atelier Existante / Summary



Height of Room: 6.200 m, Maintenance factor: 0.70 Values in Lux, Scale 1:750

Surface	r [%]	E _{av} [lx]	E _{min} [lx]	E _{max} [lx]	u0
Workplane	/	231	26	703	0.111
Floors (8)	20	214	1.53	438	/
Ceilings (91)	70	147	1.21	610	/
Walls (14)	50	184	11	5577	/

Workplane:

Height: 0.800 m
Grid: 128 x 128 Points
Boundary Zone: 0.500 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.393, Ceiling / Working Plane: 0.589.

Luminaire Parts List

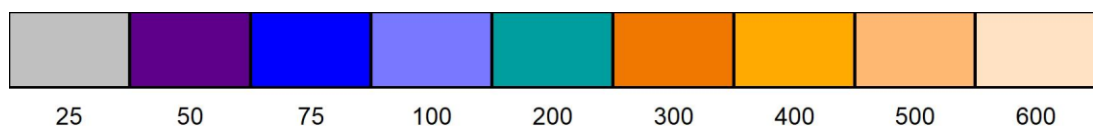
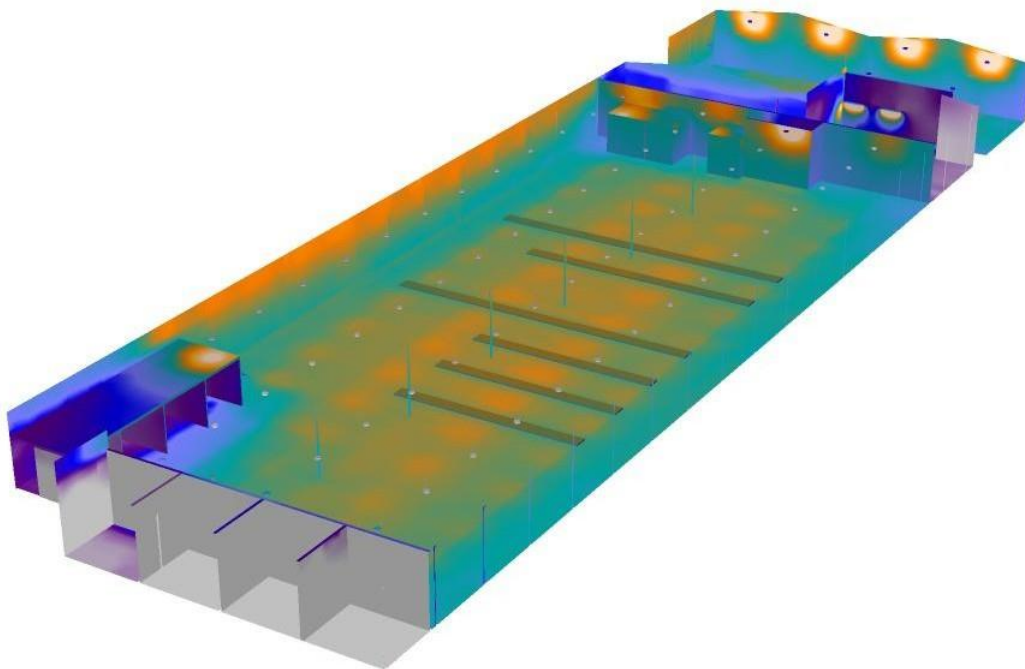
No.	Pieces	Designation (Correction Factor)	F (Luminaire) [lm]	F (Lamps) [lm]	P [W]
1	69	GEWISS GW83481 HALLE - 400W ME (F=1 / KN4) (Type 1)* (1.000)	16484	20000	250.0
2	10	Philips TMS028 2xTL-D58W HFP +GMS028 L (1.000)	7072	10400	110.0
Total:			1208149	1484000	18350.0

*Modified Technical Specifications

Specific connected load: 6.52 W/m² = 2.82 W/m²/100 lx (Ground area: 2815.53 m²)

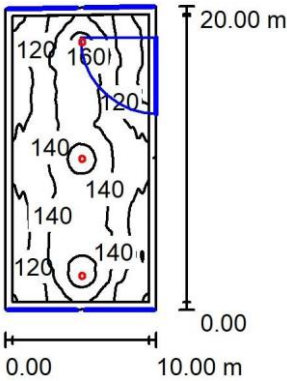


Atelier Existante / False Colour Rendering



lx

Atelier 2 Existante / Summary



Height of Room: 6.000 m, Mounting Height: 4.900 m, Maintenance factor: 0.70 Values in Lux, Scale 1:500

Surface	r [%]	E _{av} [lx]	E _{min} [lx]	E _{max} [lx]	u0
Workplane	/	132	93	169	0.704
Floor	50	118	73	154	0.619
Ceilings (2)	80	113	61	1306	/
Walls (6)	70	119	21	409	/

Workplane:

Height: 0.800 m
Grid: 128 x 128 Points
Boundary Zone: 0.500 m

Illuminance Quotient (according to LG7): Walls / Working Plane: - , Ceiling / Working Plane: - .

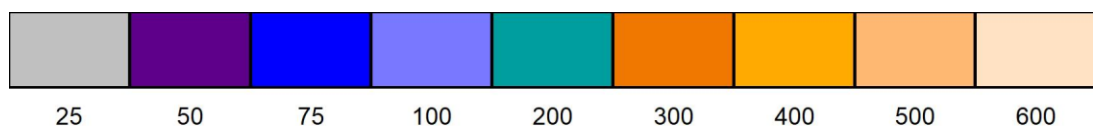
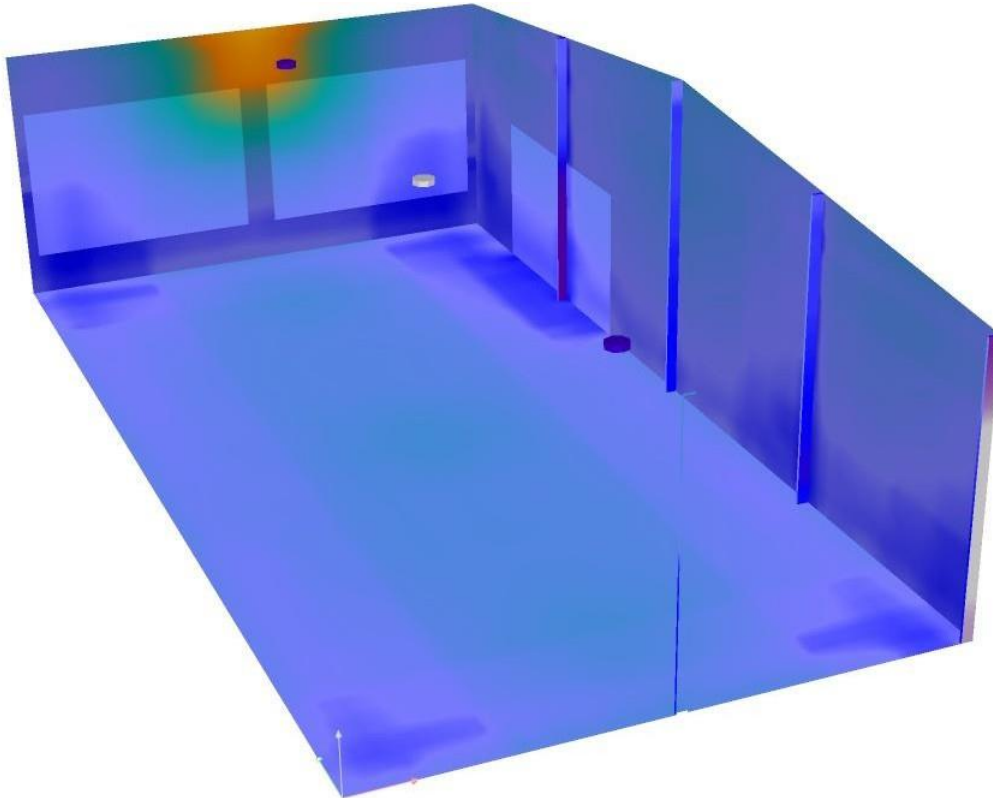
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	F (Luminaire) [lm]	F (Lamps) [lm]	P [W]
1	3	GEWISS GW83481 HALLE - 400W ME (F=1 / KN4) (Type 1)* (1.000)	16484	20000	428.0
*Modified Technical Specifications			Total: 49453	Total: 60000	1284.0

Specific connected load: 6.44 W/m² = 4.90 W/m²/100 lx (Ground area: 199.25 m²)

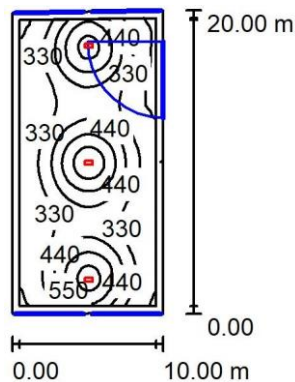


Atelier 2 Existante / False Colour Rendering



lx

Atelier 2 - LED / Summary



Height of Room: 6.000 m, Mounting Height: 4.900 m, Maintenance factor: 0.85

Values in Lux, Scale 1:500

Surface	r [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0
Workplane	/	395	188	727	0.476
Floor	50	352	146	568	0.415
Ceilings (2)	80	145	102	435	/
Walls (6)	70	199	34	630	/

Workplane:

Height: 0.800 m
 Grid: 128 x 128 Points
 Boundary Zone: 0.500 m

Illuminance Quotient (according to LG7): Walls / Working Plane: - , Ceiling / Working Plane: - .

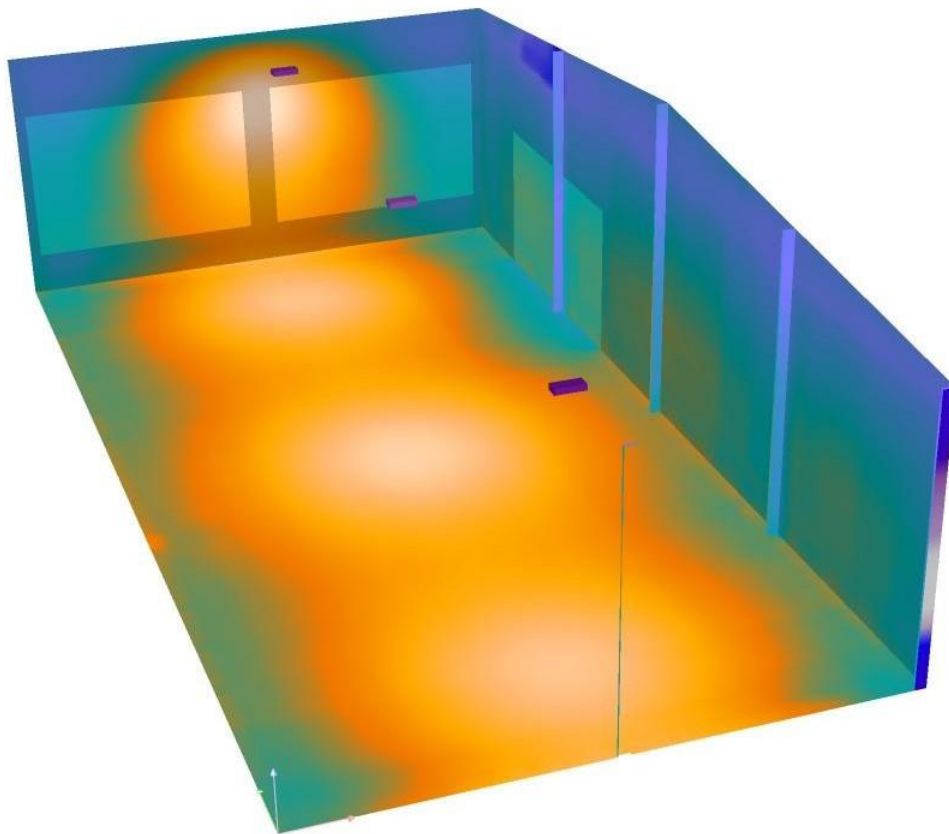
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	F (Luminaire) [lm]	F (Lamps) [lm]	P [W]
1	3	GE Lighting Solutions www.currentbyge.com 120DEG DIFFUSE (Type 1)* (1.000)	30000	30000	96.0
*Modified Technical Specifications			Total: 90000	Total: 90000	288.0

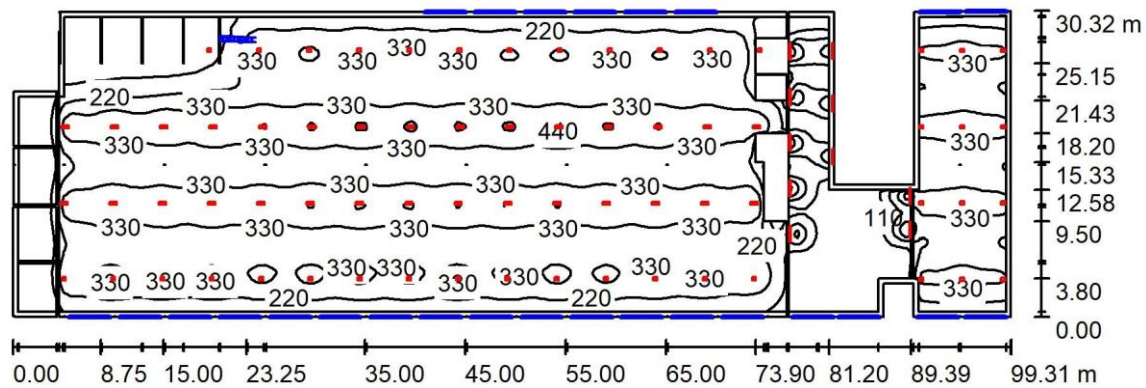
Specific connected load: $1.45 \text{ W/m}^2 = 0.37 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 199.25 m^2)



Atelier 2 - LED / False Colour Rendering



25 50 75 100 200 300 400 500 600 lx

Atelier - LED / Summary

Height of Room: 6.200 m, Maintenance factor: 0.85

Values in Lux, Scale 1:750

Surface	r [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0
Workplane	/	268	11	553	0.042
Floors (8)	20	247	0.84	395	/
Ceilings (91)	70	71	0.72	445	/
Walls (14)	50	98	2.65	5368	/

Workplane:

Height: 0.800 m
 Grid: 128 x 128 Points
 Boundary Zone: 0.500 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.169, Ceiling / Working Plane: 0.260.

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	F (Luminaire) [lm]	F (Lamps) [lm]	P [W]
1	10	ACQUA LEDT5 1x1.5 UG7 ET(EDD) PMMA CLEAR INOX 1xUG7-1500-940 (1.000)	5216	6065	47.0
2	39	GE LIGHTING ABVG21F58D1NSTNCE ABVG21M D1 70W NEDAP (1.000)	10601	10601	70.0
3	15	GE LIGHTING ABVG22F58D1NSTNCE ABVG22M D1 140W NEDAP (Type 1)* (1.000)	14000	14000	140.0
4	15	GE LIGHTING ABVG22F58D1NSTNCE ABVG22M D1 140W NEDAP (Type 2)* (1.000)	13500	13500	140.0

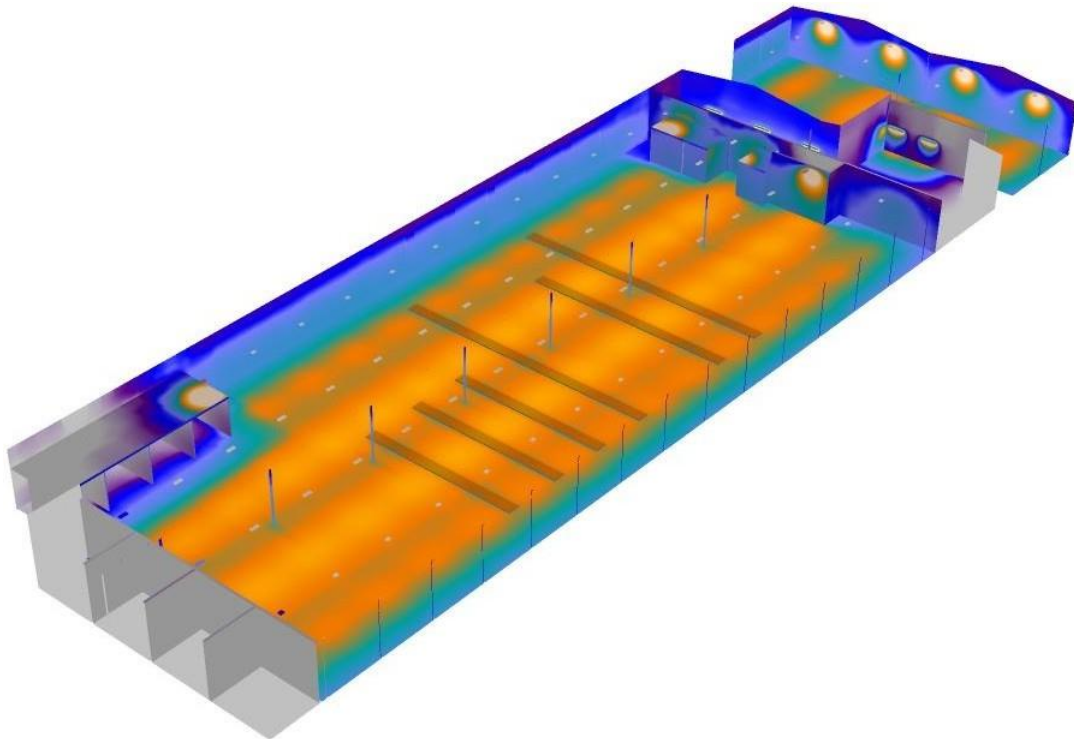
*Modified Technical Specifications

Total: 878117 Total: 886608 7400.0

Specific connected load: $2.63 \text{ W/m}^2 = 0.98 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 2815.53 m^2)



Atelier - LED / False Colour Rendering



25 50 75 100 200 300 400 500 600 lx