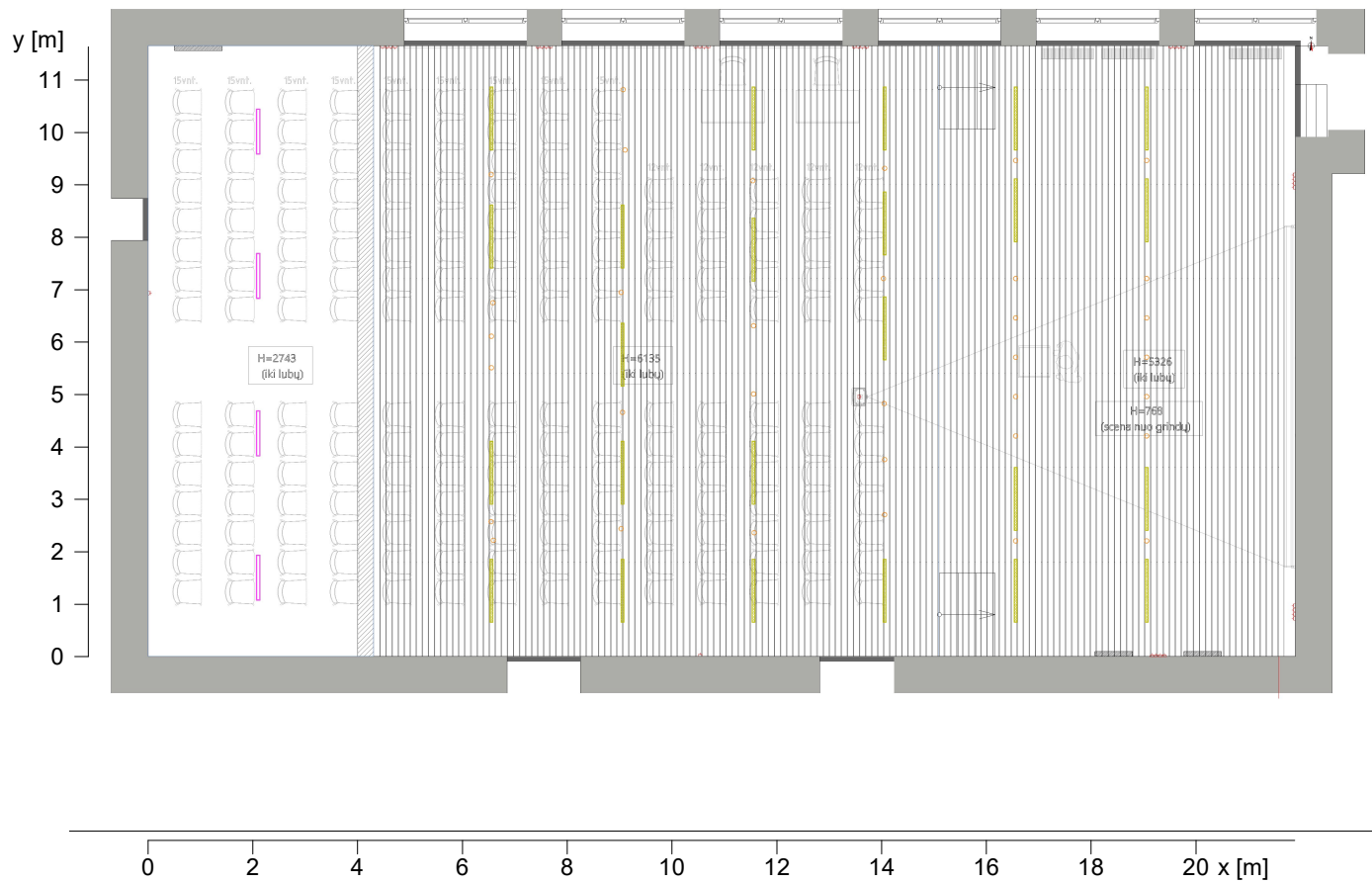


Room 1

Description Room 1

Floor plan

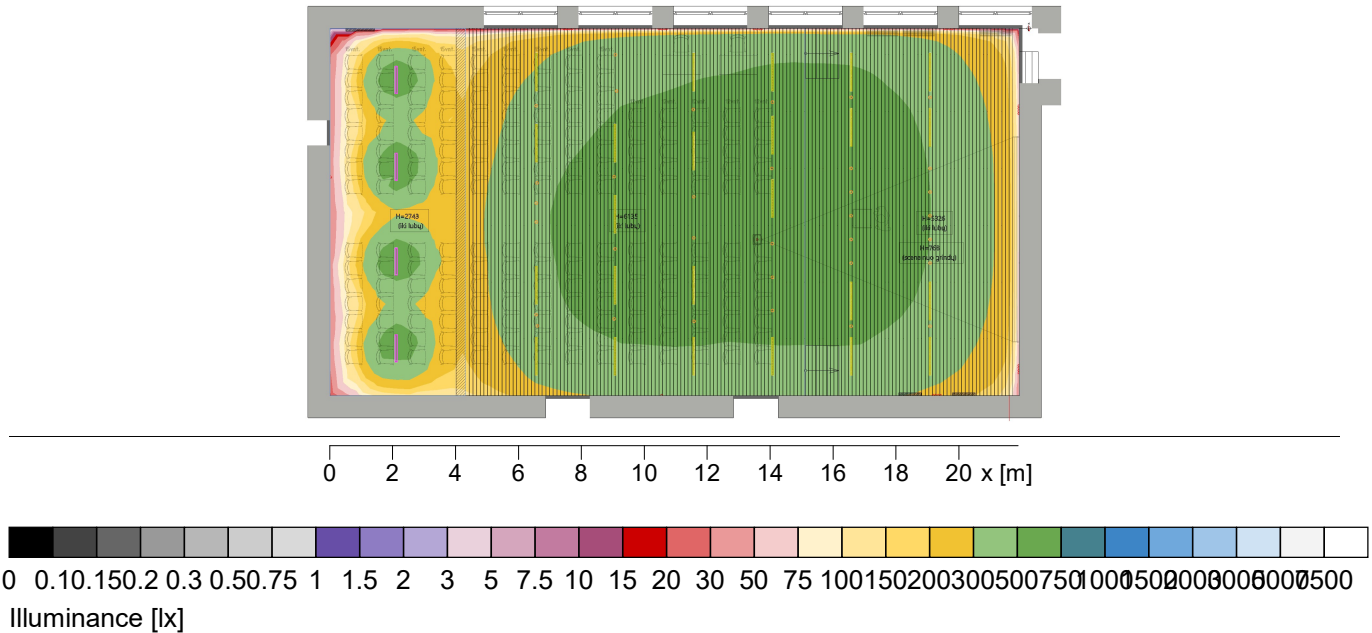


Wall	x	y	Length	Area[m ²]	Reflectance
1	22.59 m	0.80 m	21.89 m	134.60	50.0 %
2	22.59 m	12.44 m	11.64 m	71.56	50.0 %
3	0.70 m	12.44 m	21.89 m	134.60	50.0 %
4	0.70 m	0.80 m	11.64 m	71.56	50.0 %
Floor:				254.7	20.0 %
Ceiling:				254.7	70.0 %
Room height [m]:		6.15 m			
Height of ref. plane [m]:		0.75 m			
Volume				1566.2 m ³	

Room 1

Summary Room 1

Result overview Evaluation area 1



General

Calculation algorithm used
Maintenance factor

High indirect fraction
0.80

Total lamp luminous flux

142000 lm

Luminaire luminous flux

141997 lm

Total power

1628.0 W

Total power per area (254.67 m²)

6.39 W/m² (1.49 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

Horizontal

$\bar{E}_m$

430 lx

E_{min}

114 lx

$E_{min}/\bar{E}_m (U_o)$

0.27

$E_{min}/E_{max} (U_d)$

0.18

E_z/E_h

Position

0.75 m

$R_{UG} (2.4H \ 4.6H)$

≤ 23.0

Room 1

Summary Room 1

Result overview Evaluation area 1

1	24 x		Luminaire name : LINEAR LED MPRZ Equipment : 1 x LED 39 W / 4250 lm
2	4 x		Luminaire name : LINEAR LENS LED Equipment : 1 x LED Modul 21 W / 3000 lm
3	34 x		Luminaire name : TRACK LED SPOT Equipment : 1 x LED Modul 20 W / 2250 lm
