



Hala LPG Ústredné dielne autobusov

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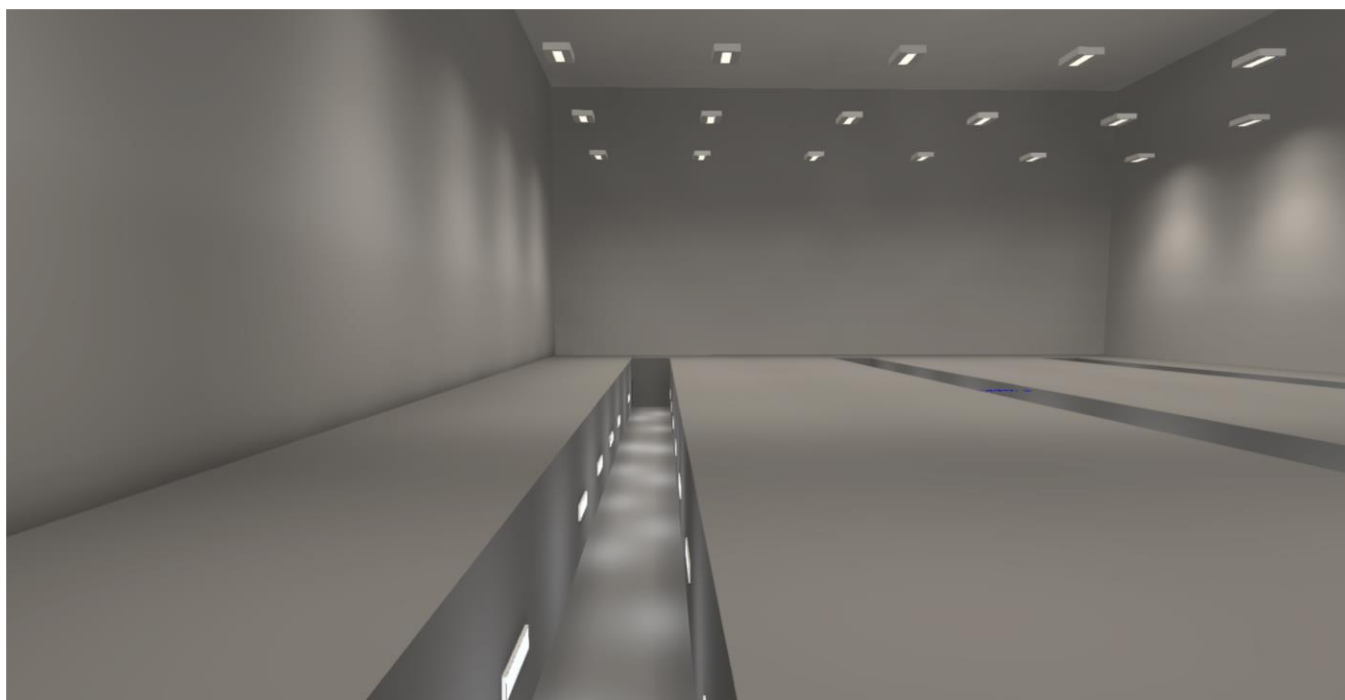
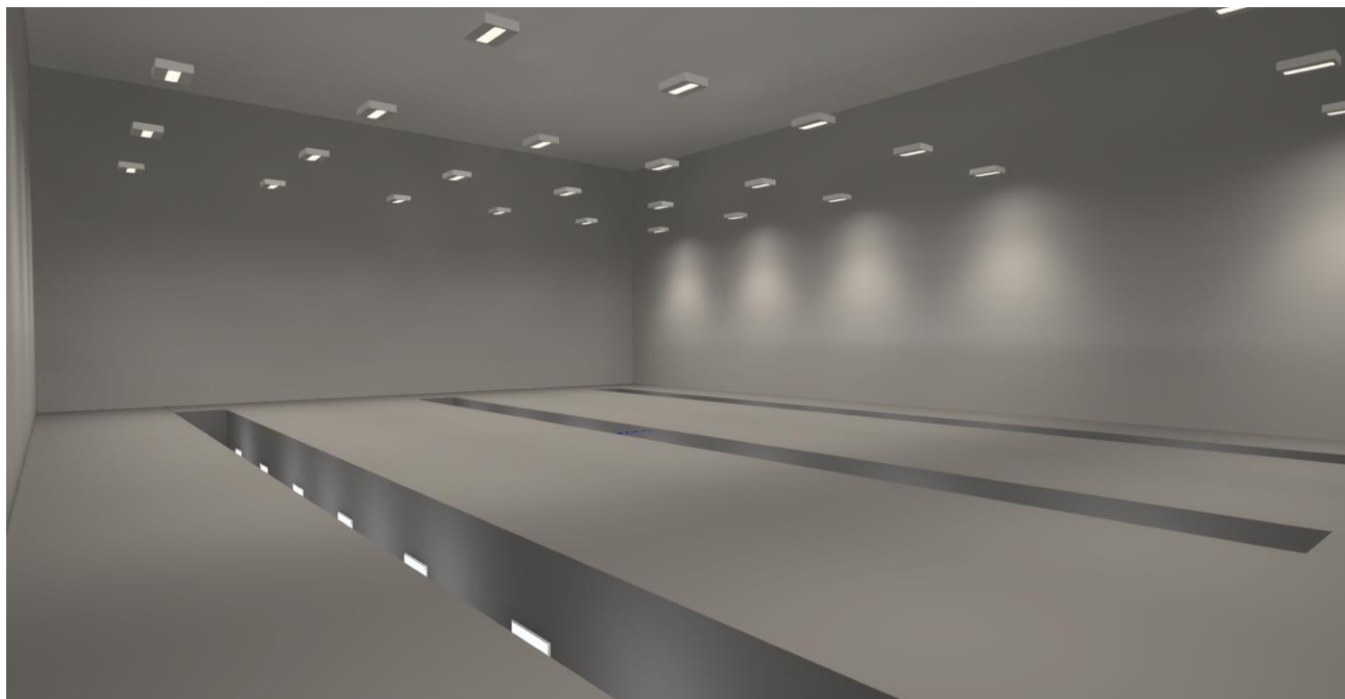
PL/2025/2714

Luminaire list

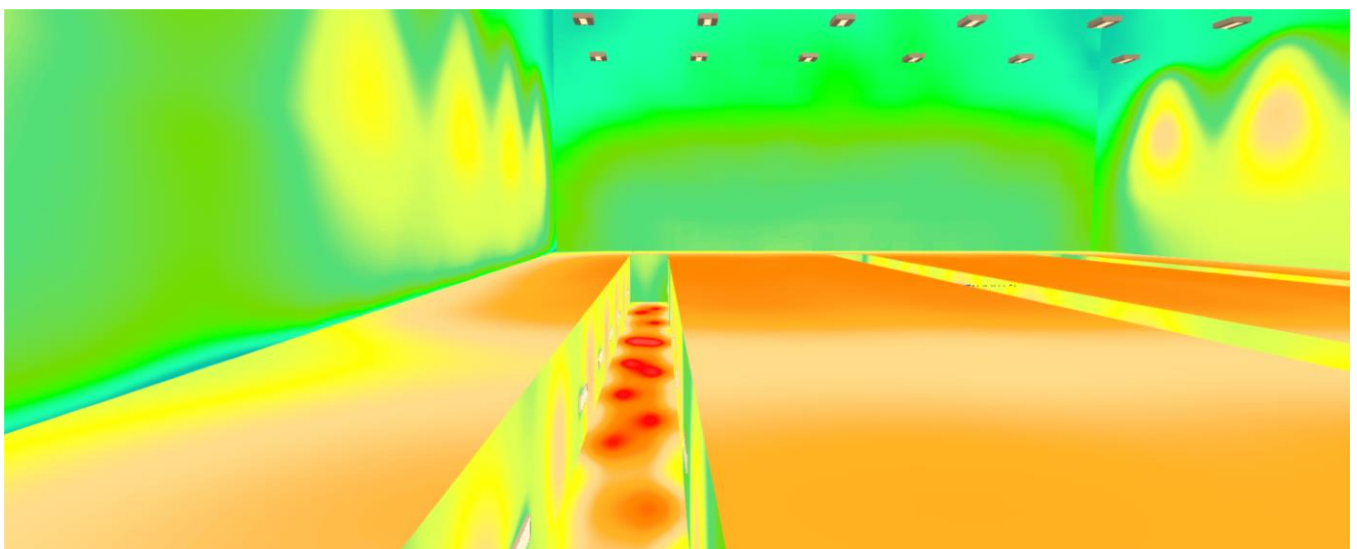
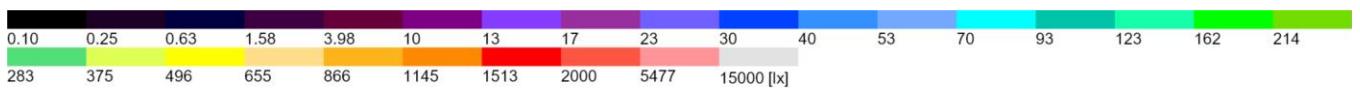
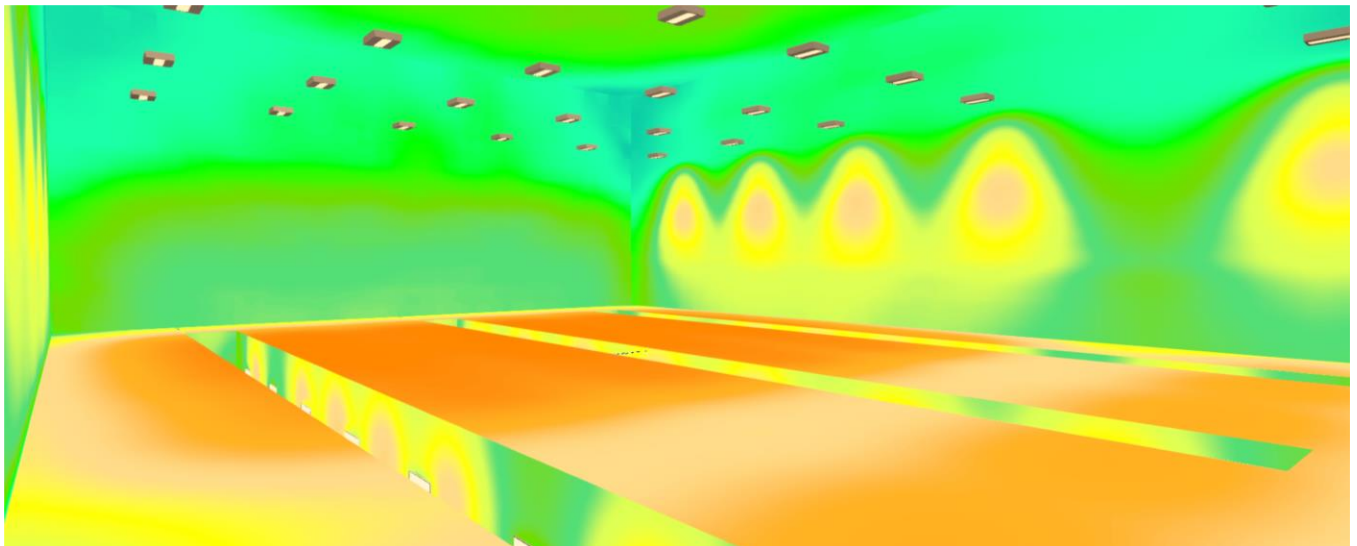
Φ_{total} 585885 lm	P_{total} 3862.2 W	Luminous efficacy 151.7 lm/W
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pcs.	Manufacturer	Article No.	Article name	P	Φ	Luminous efficacy
39	ATM Lighting	EXF250LED-0600-FX1-35E	2715lm Z 1,21 & 2,22	19.8 W	2715 lm	137.1 lm/W
30	ATM Lighting	EXL450LED-EX2-1-MB	16000lm Z 21 & 2,22	103.0 W	16000 lm	155.3 lm/W

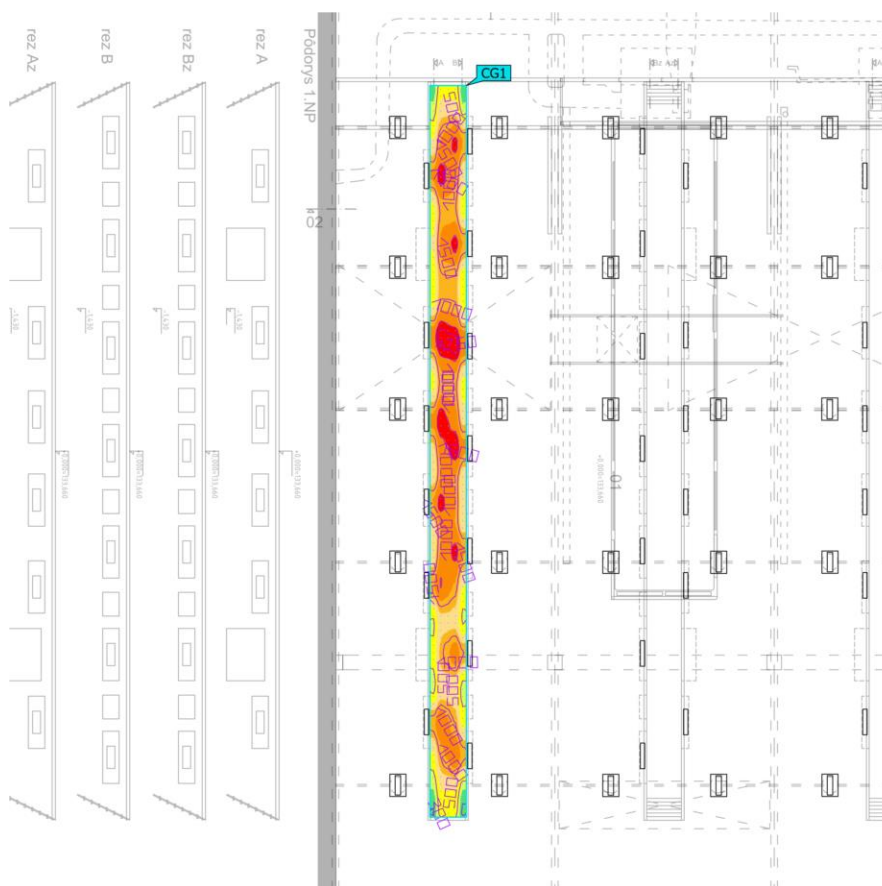
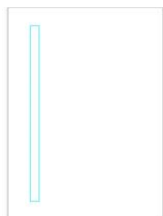
Images



Images



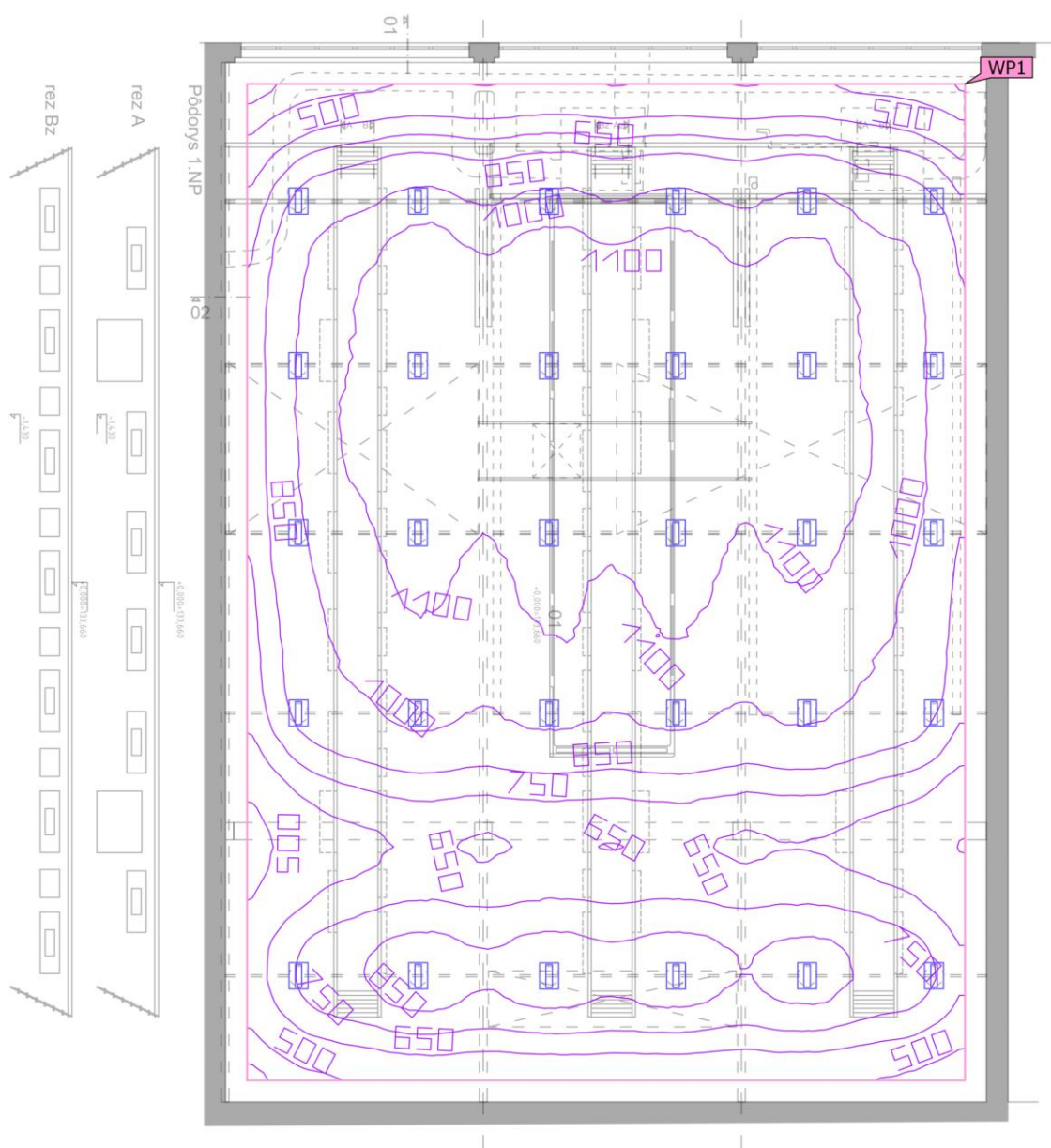
(Light scene 1)

Calculation surface 1

Properties	$\bar{E}$	$E_{\min}$	$E_{\max}$	$U_o (g_1)$	g_2	Index
Calculation surface 1	992 lx	275 lx	1905 lx	0.28	0.14	CG1
Perpendicular illuminance						
Height: -1.430 m						

Hala LPG (Light scene 1)

Summary



Ground area	426.67 m ²		
Reflection factors	Ceiling: 70.0 %, Walls: 50.0 %, Floor: 20.0 %	Mounting height	5.590 m
Maintenance factor	0.80 (fixed)	Height _{Working plane}	0.001 m
		Wall zone _{Working plane}	0.500 m

Hala LPG (Light scene 1)

Summary

Results

	Symbol	Calculated	Index
Working plane	$\bar{E}_{\text{perpendicular}}$	913 lx	WP1
	$U_o (g_1)$	0.39	WP1
Glare valuation ⁽¹⁾	$R_{UG, \max}$	23	

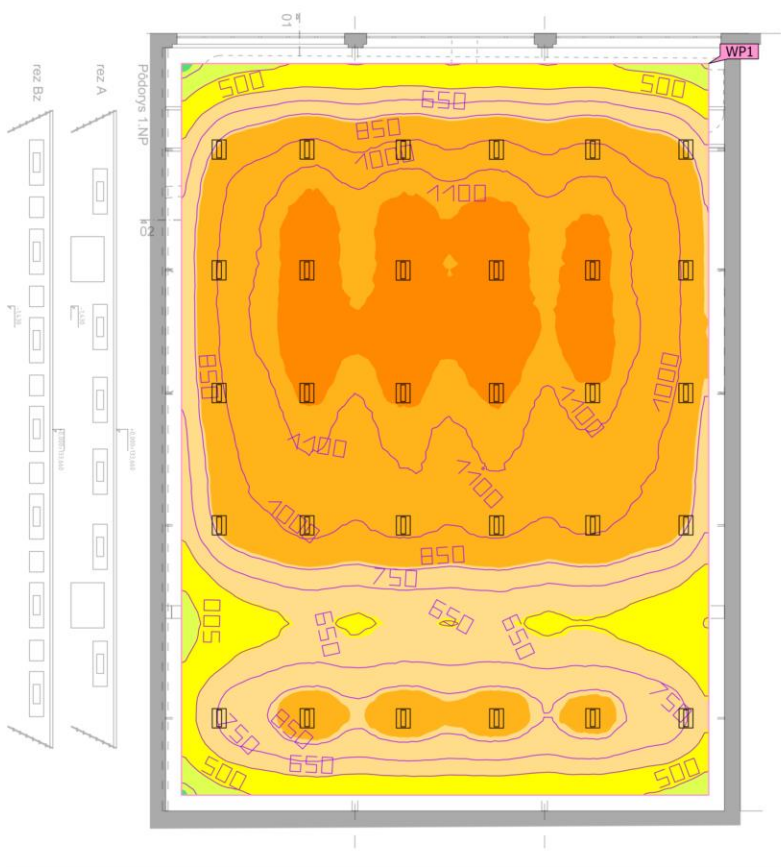
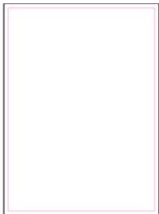
(1) Based on a rectangular space of 24.133 m x 17.680 m and SHR of 0.25.

Luminaire list

pcs.	Manufacturer	Article No.	Article name	R_{UG}	P	Φ	Luminous efficacy
30	ATM Lighting		EXL450LED-EX2-1-MB 16000lm Z 21 & 2,22	23	103.0 W	16000 lm	155.3 lm/W

Hala LPG (Light scene 1)

Working plane (Hala LPG)



Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Working plane (Hala LPG)	913 lx	358 lx	1195 lx	0.39	0.30	WP1
Perpendicular illuminance (adaptive)						
Height: 0.001 m, Wall zone: 0.500 m						