

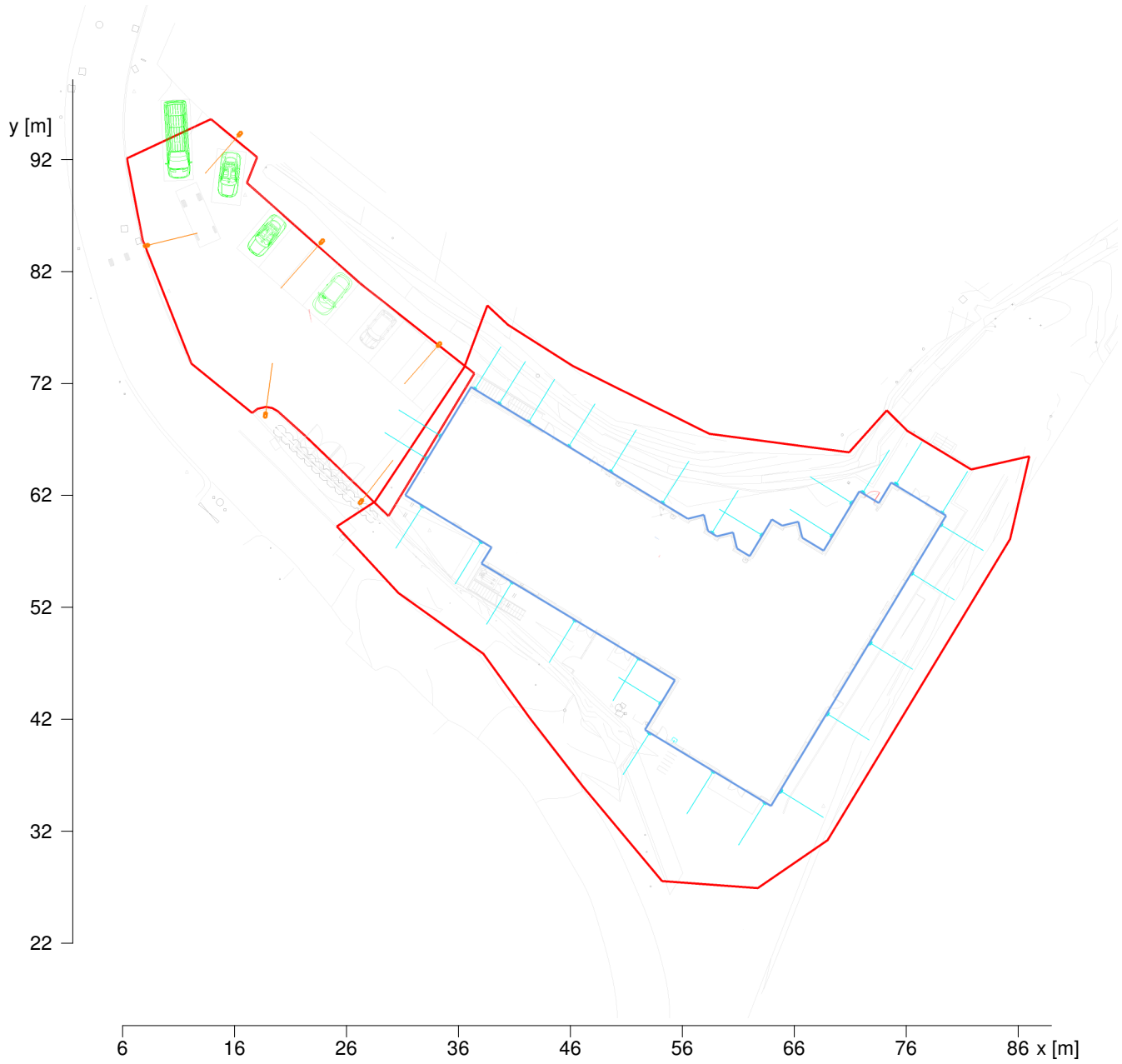
Object :
Installation :
Project number : 2223-009
Date : 24.11.2023

RELUX®

Exterior 1

Description, Exterior 1

Floor plan



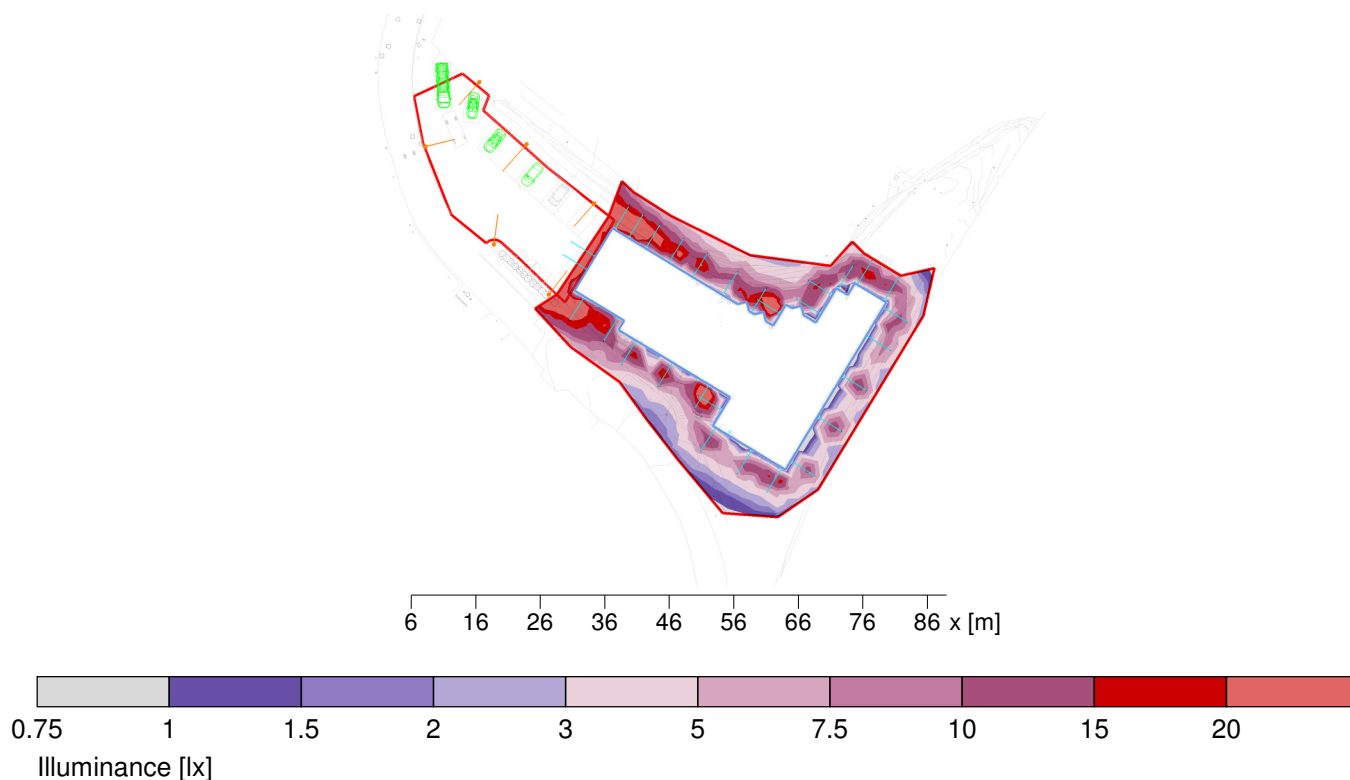
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Exterior 1

Summary, Exterior 1

Result overview, Measuring area 1



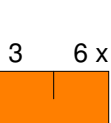
General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.10 m
Maintenance factor	0.80
Total luminous flux	53162.4 lm
Total power	575.6 W
Total power per area (487.16 m ²)	1.18 W/m ²

Illuminance

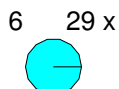
Average illuminance	$\bar{E}_m$	7.5 lx
Minimum illuminance	E_{min}	1 lx
Maximum illuminance	E_{max}	27.1 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:7.65 (0.13)
Diversity U_d	E_{min}/E_{max}	1:27.8 (0.04)

Type No.\Make



ASD

Order No. : HWD-B4LED 24 500-M2
Luminaire name : Highway Diamond Elite Mini
Equipment : 1 x LED 38.9 W / 4365.4 lm



Dextra Group PLC

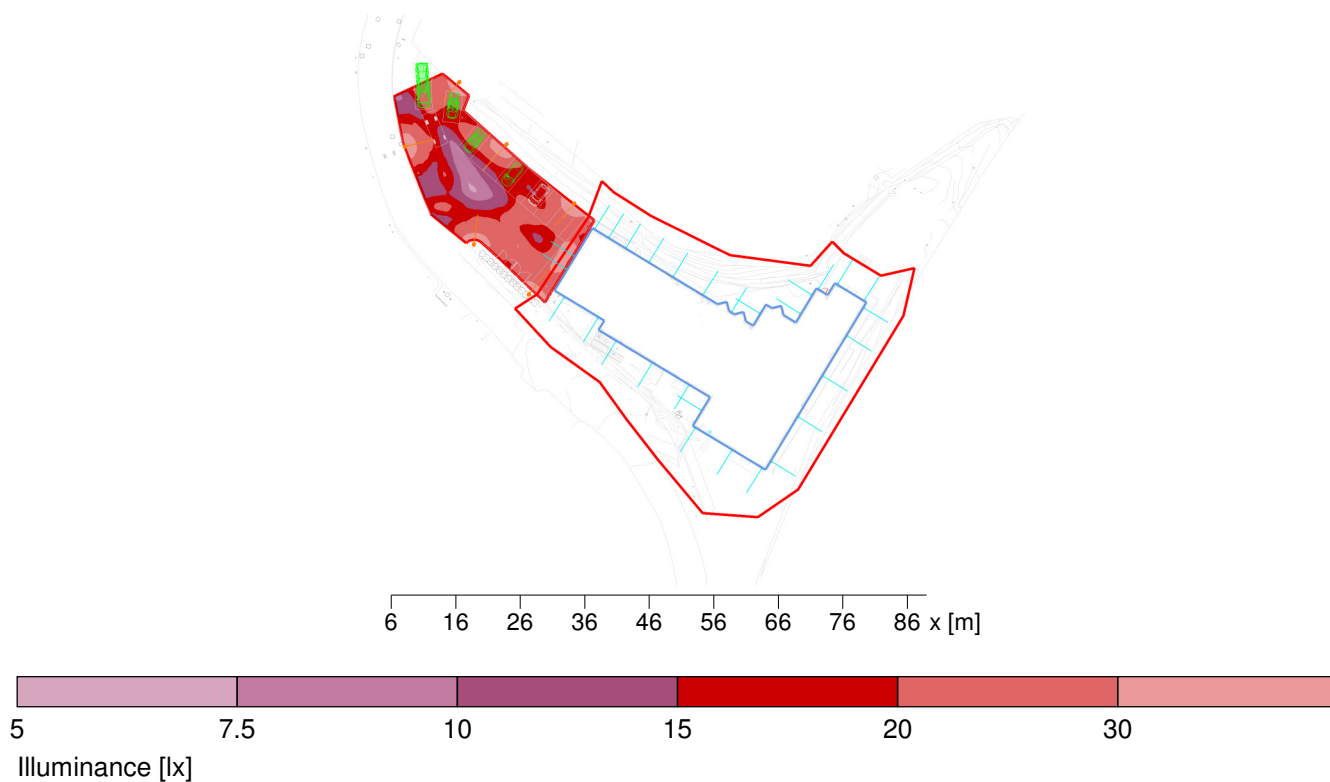
Order No. : AMEX L16 EB
Luminaire name : AMENITY EXTERIOR
Equipment : 1 x Dextra 11.8 W / 930 lm
Emergency : 164 lm (17.6 %)

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Summary, Exterior 1

Result overview, Evaluation area 1



General

Calculation algorithm used
Maintenance factor

Average indirect fraction
0.80

Total luminous flux

8730.80 lm

Total power

77.8 W

Total power per area (487.16 m²)

0.16 W/m² (0.78 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

Horizontal
 $\bar{E}_m$ 20.5 lx
 E_{min} 7.4 lx
 $E_{min}/\bar{E}_m (U_o)$ 0.36
 $E_{min}/E_{max} (U_d)$ 0.15
Position 0.00 m

Type No. Make

3 2 x ASD
Order No. : HWD-B4LED 24 500-M2
Luminaire name : Highway Diamond Elite Mini
Equipment : 1 x LED 38.9 W / 4365.4 lm