Building Mounted External Luminaires

Installation : New Barn School

Project number : D1028
Customer :
Processed by :
Date : 04.04.2024

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The following values are based on precise calculations performed on calibrated lamps and luminaires, and their configurations, whereby gradual, unavoidable deviations can occur in practice. All guarantee claims are excluded for the specified data.

This exclusion of liability applies irrespective of the legal grounds for both damages and consequential damages suffered by users and third parties.

1 Luminaire data

1.1 not a Relux Member, Product (*22C7A*)

1.1.1 Data sheet

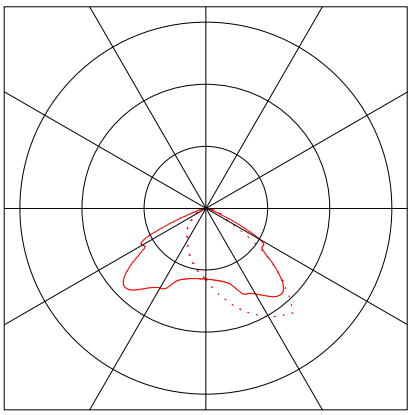
Manufacturer: not a Relux Member

22C7A **Product**
not licensed

Luminaire data		
Luminaire efficiency	:	100%
Luminaire efficacy	:	137.96 lm/W
Classification	:	A40 ↓100.0% ↑0.0%
CIE Flux Codes	:	44 86 98 100 100
UGR 4H 8H	:	30.6 / 20.2
Power	:	30 W
Luminous flux	:	4138.7 lm

Equipped with		
Quantity	:	1
Designation	:	
Colour	:	
Luminous flux	:	4138.7 lm

Dimensions : 162 mm x 200 mm x 108 mm



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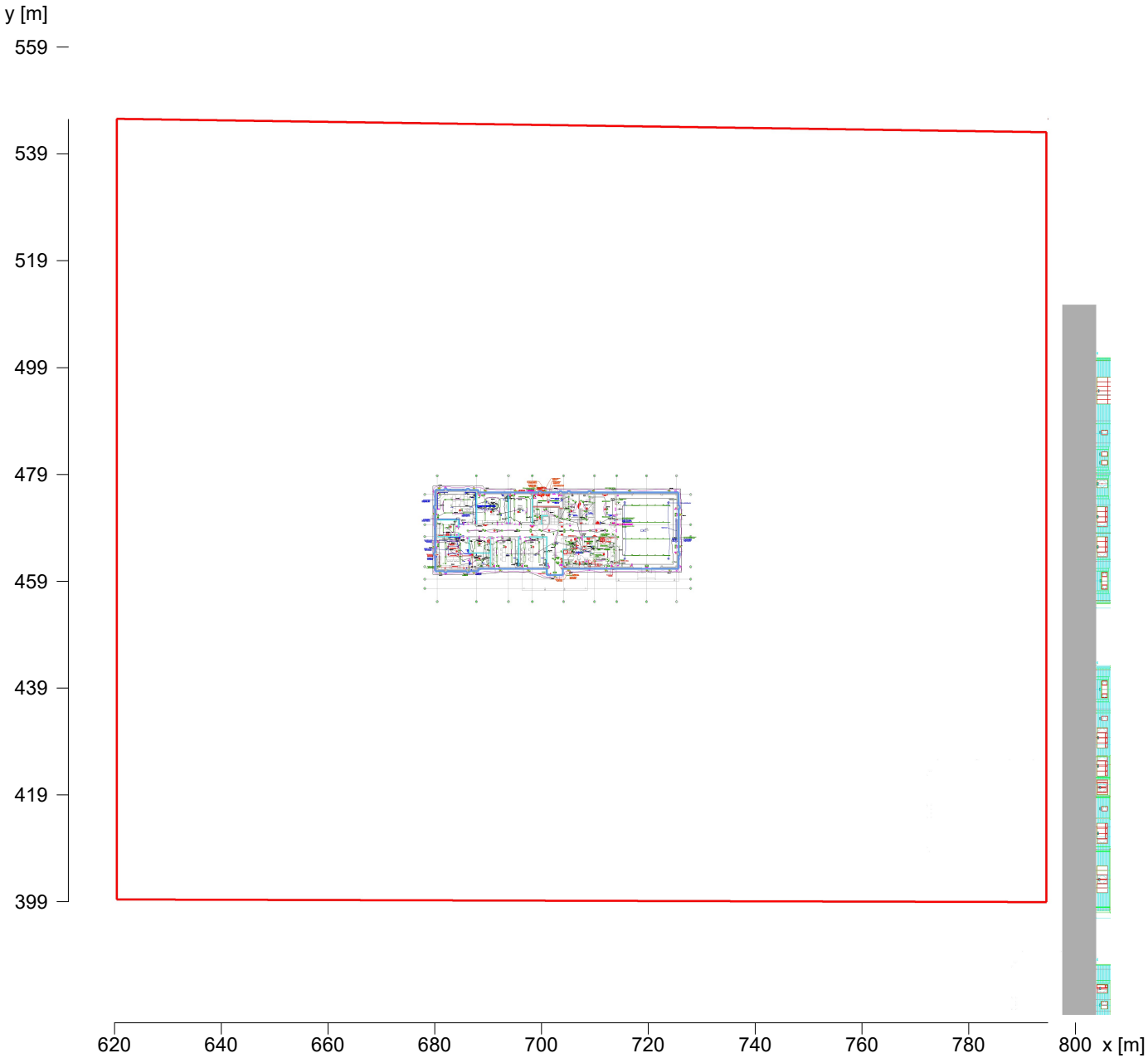
2 Exterior 1

2.1 Description, Exterior 1

2.1.1 Floor plan



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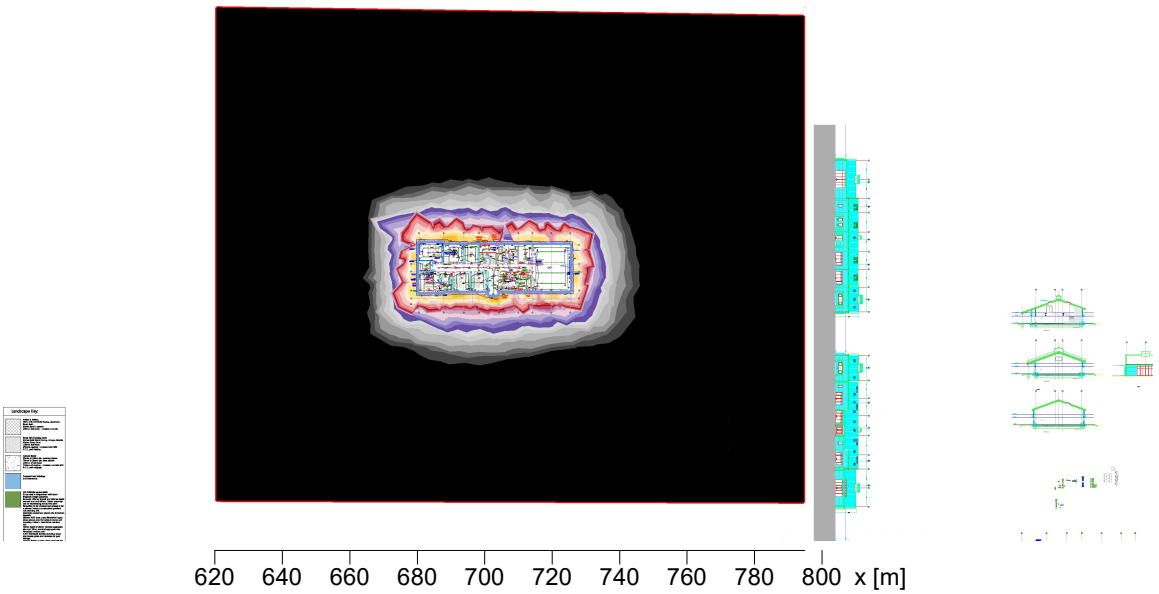
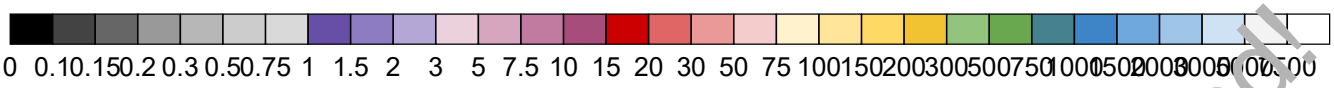
2 Exterior 1

2.2 Summary, Exterior 1

2.2.1 Result overview, Evaluation area 1





General

Calculation algorithm used	Average indirect fraction
Height (phot.centre)	2.25 m
Maintenance factor	0.80
Total luminous flux	86912.71 lm
Total power	630.0 W
Total power per area (25230.00 m²)	0.02 W/m² (0.97 W/m²/100lx)

Evaluation area 1	**Reference plane 1.1**
	Horizontal
Em	2.58 lx
Emin	0 lx
Emin/Em (Uo)	---
Emin/Emax (Ud)	---
Position	0.00 m

Type No.\Make

		not a Relux Member
1	21 x	Order No. : *22C7A*
		Luminaire name : Product
		Equipment : 1 x 30 W / 4138.7 lm

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