

Installation : Havant Towers Car Park

Project number : STP05533
Customer : Guinness
Processed by : Liam Parkinson
Date : 13.05.2021

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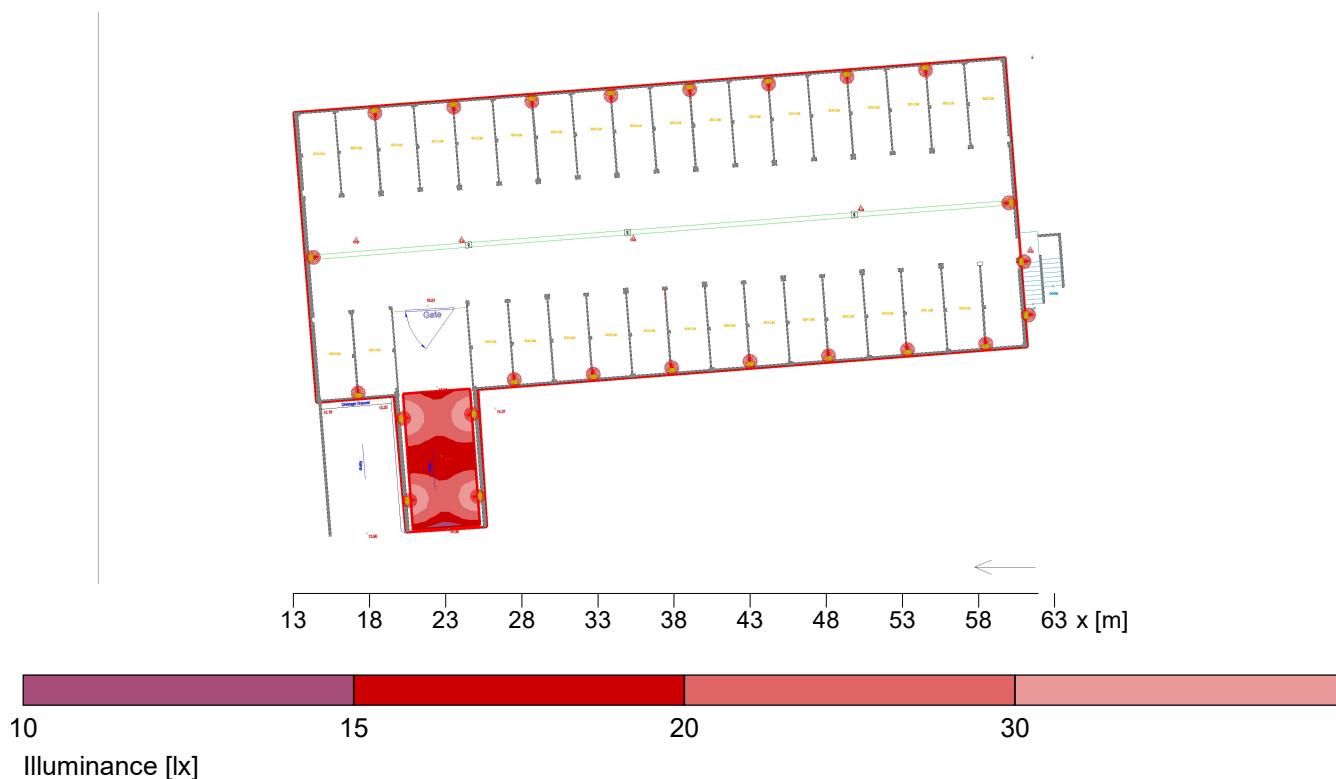
The following values are based on precise calculations performed on calibrated lamps and luminaires, and their configurations, whereby gradual, unavoidable deviations can occur in practice. All guarantee claims are excluded for the specified data.

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1 Exterior 1

1.1 Summary, Exterior 1

1.1.1 Result overview, Measuring area 1



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Height (phot centre) [m]:	2.20 m
Maintenance factor	0.80

Total luminous flux of all lamps	17160 lm
Total power	360 W
Total power per area (941.44 m²)	0.38 W/m²

Illuminance

Average illuminance	Em	23.2 lx
Minimum illuminance	Emin	13.7 lx
Maximum illuminance	Emax	41 lx
Uniformity Uo	Emin/Em	1:1.7 (0.59)
Diversity Ud	Emin/Emax	1:2.99 (0.33)

Type No. Make

1 24

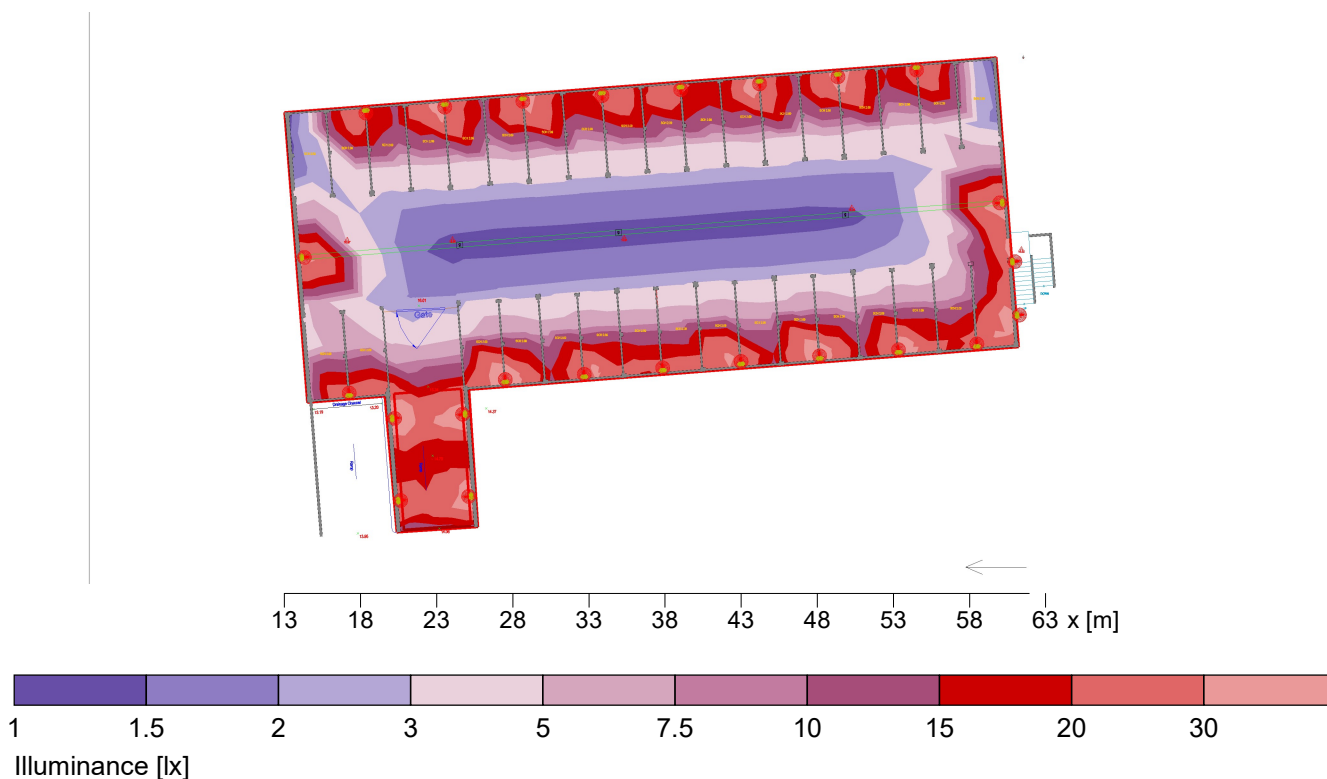


Steon

Order No.	: 65-162-260-402
Luminaire name	: Mistral Visa 16W LED 4000K
Equipment	: 1 x 16W LED 15 W / 715 lm

1.1 Summary, Exterior 1

1.1.2 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height (phot. centre)	2.20 m
Maintenance factor	0.80
Total luminous flux of all lamps	17160.00 lm
Total power	360.0 W
Total power per area (941.44 m ²)	0.38 W/m ² (3.93 W/m ² /100lx)

Evaluation area 1

Reference plane 1.1

	Horizontal
Em	9.73 lx
Emin	1.25 lx
Emin/Em (Uo)	0.13
Emin/Emax (Ud)	0.03
Position	0.00 m

Type No. Make

1	24	Steon	
		Order No.	: 65-162-260-402
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		Equipment	: 1 x 16W LED 15 W / 715 lm