

Stables Market - Camden

Installation : External Lighting - Old Horse Hospital

Project number : REV 1

Customer : Michael Jones Associates

Processed by : Paul Cook

Date : 24.06.2016

Project description:

Calculation for following areas:

Old Horse Hospital perimeter

The following values are based on exact calculations on calibrated lamps, luminaires and their arrangement. In practice, gradual divergences can occur.

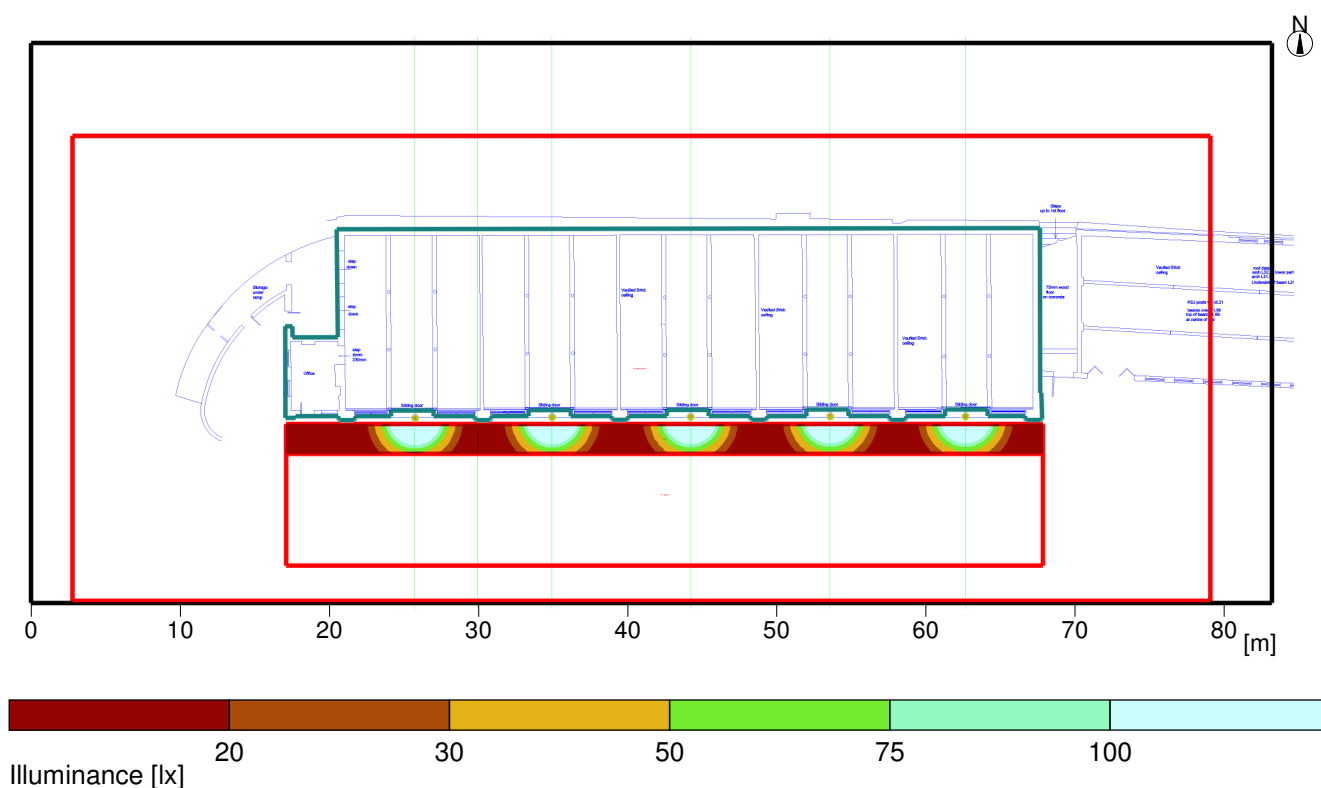
Guarantee claims for luminaire data are excluded.

Relux and the luminaire manufacturers accept no liability for consequential damage and damage which is occasioned to the user or to third parties.

1 Exterior 1

1.2 Summary, Exterior 1

1.2.1 Result overview, Path



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
photometric centre height. [m]:	6.85 m
Maintenance factor	0.80

Total luminous flux of all lamps	22000 lm
Total power	213.5 W
Total power per area (3117.28 m²)	0.07 W/m²

Illuminance

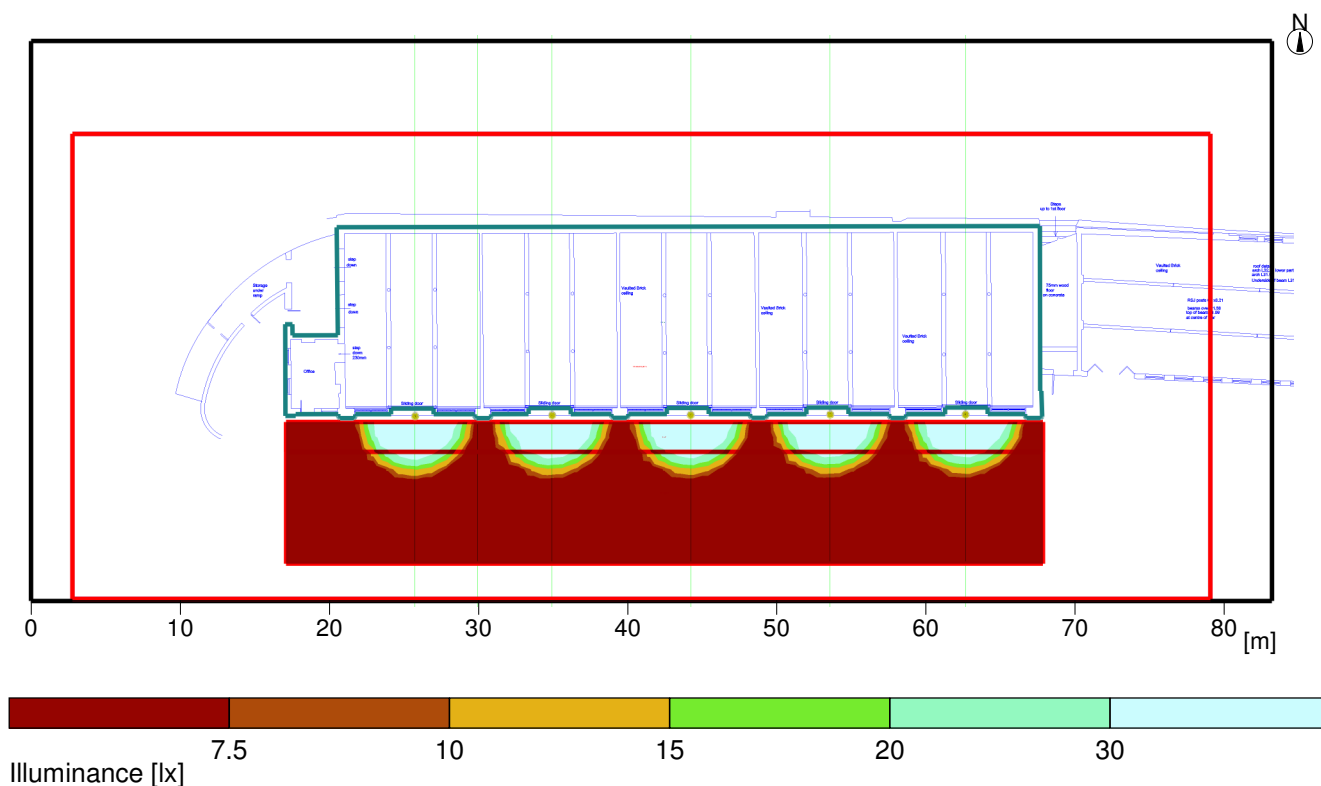
Average illuminance	Eav	46 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	198 lx
Uniformity Uo	Emin/Em	1:1150 (0)
Diversity Ud	Emin/Emax	1:4960 (0)

Type No. \ Make

1	5	iGuzzini	
		Order No.	: BU96
		Luminaire name	: MAXIWOODY family
		Equipment	: 1 x LED Neutral 35 W / 4400 lm

1.2 Summary, Exterior 1

1.2.2 Result overview, Courtyard



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
photometric centre height. [m]:	6.85 m
Maintenance factor	0.80

Total luminous flux of all lamps	22000 lm
Total power	213.5 W
Total power per area (3117.28 m²)	0.07 W/m²

Illuminance

Average illuminance	Eav	15 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	198 lx
Uniformity Uo	Emin/Em	1:363 (0)
Diversity Ud	Emin/Emax	1:4960 (0)

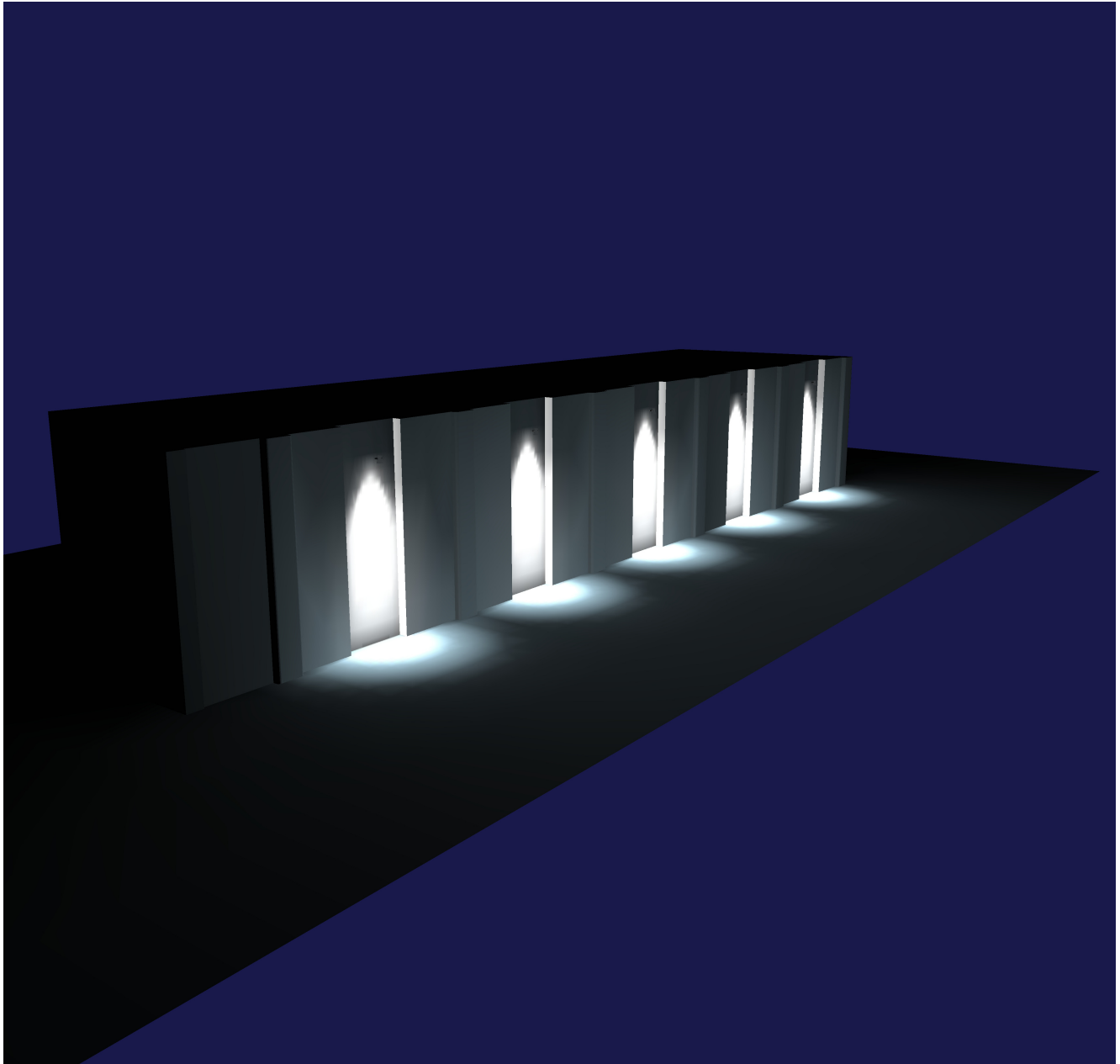
Type No. \ Make

1	5	iGuzzini	
		Order No.	: BU96
		Luminaire name	: MAXIWOODY family
		Equipment	: 1 x LED Neutral 35 W / 4400 lm

1 Exterior 1

1.3 Calculation results, Exterior 1

1.3.1 3D luminance, View 1



Luminance in the scene

Minimum: : 0 cd/m²

Maximum: : 62.9 cd/m²

1.3 Calculation results, Exterior 1

1.3.2 3D pseudo colours, View 1 (E)

