Copt Oak, Markfield

Installation : Proposed Exterior Lighting

Project number :
Customer : Erf Electrical
Processed by : M Hughes
Date : 30.01.2012

Project description:

Calculation based in standard reflectances.

Room dimensions and floor to ceiling heights issued from contractor.

All room dimensions to be checked on-site prior to installation.

Lighting designed to CIBSE guidelines where applicable, all stated lux values are for overall averages across the room reference plane.

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

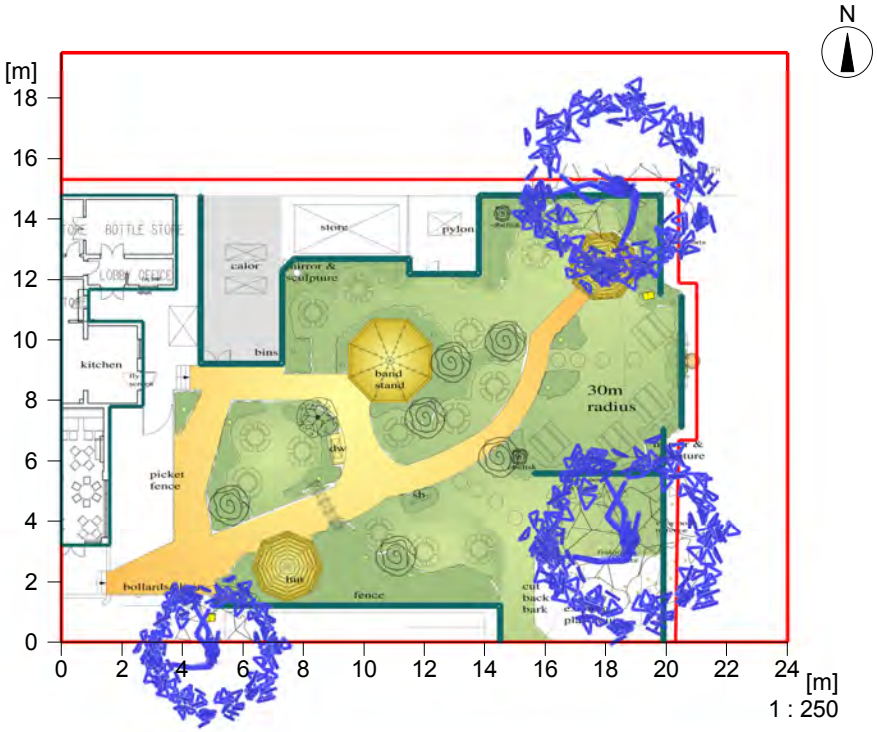
Guarantee claims for luminaire data are excluded.

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

1.1 Description, Exterior 1

1.1.1 Floor plan



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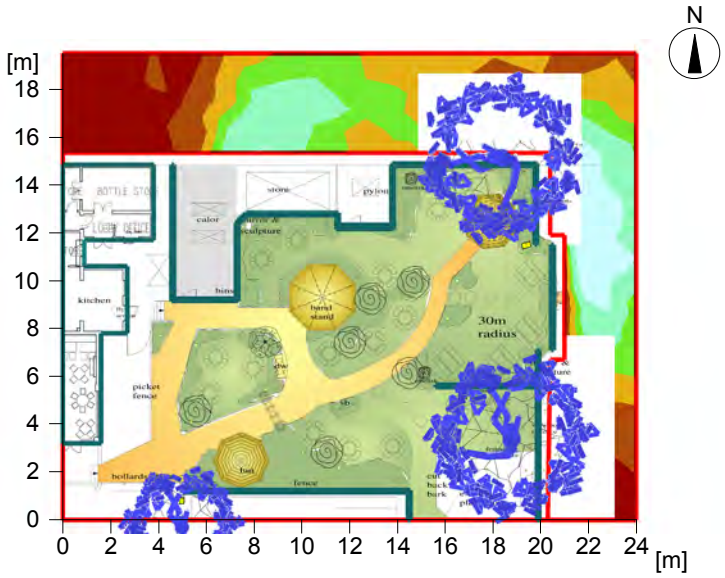
1 Exterior 1

1.2 Summary, Exterior 1

1.2.1 Result overview, Lightspill reference plane





Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	11000 lm
Total power	170 W
Total power per area (468.00 m²)	0.36 W/m²

Illuminance

Average illuminance	Eav	0.01 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	0.02 lx
Uniformity g1	Emin/Em	1:--- (---)
Uniformity g2	Emin/Emax	1:--- (---)

Type No.\Make

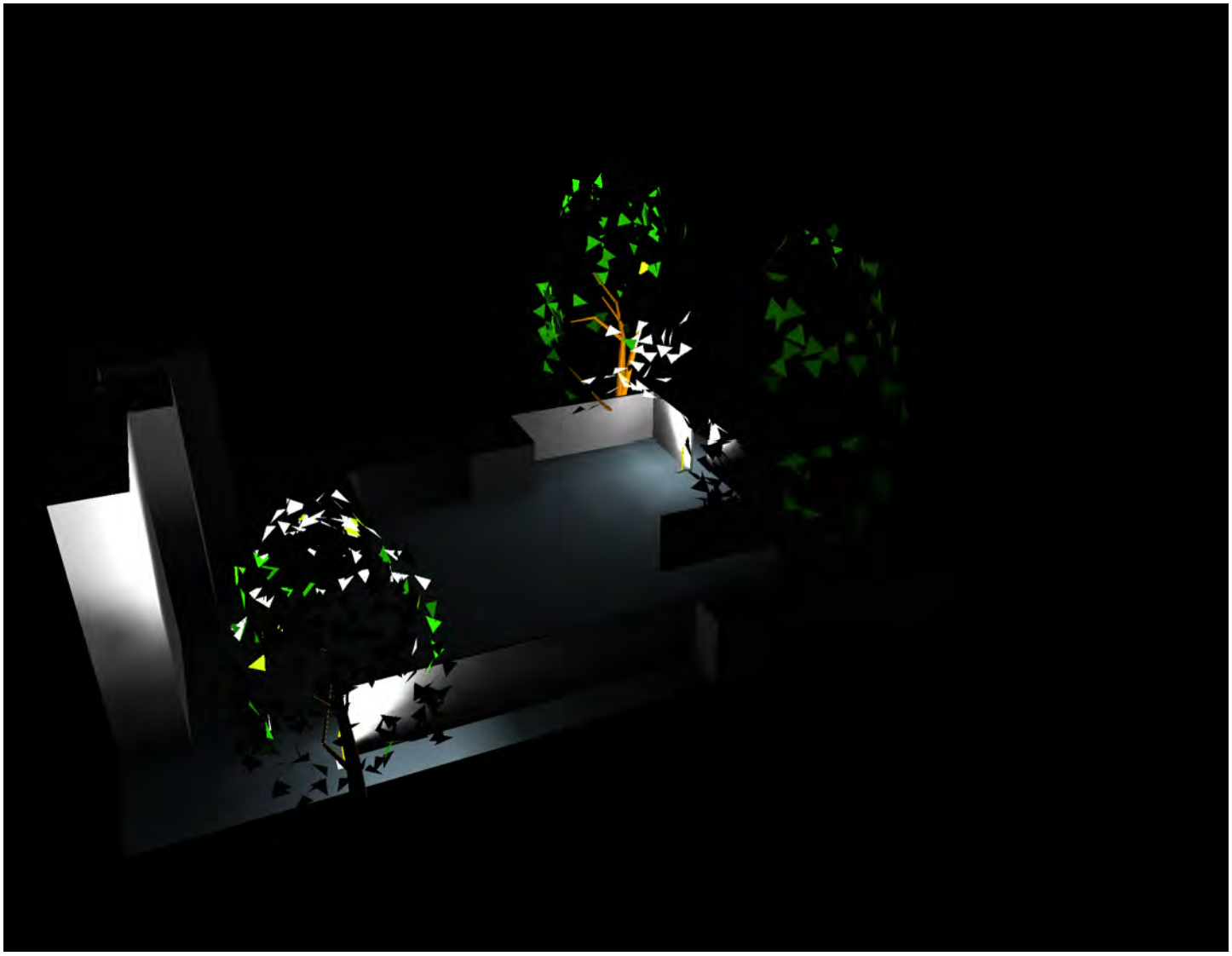
1 2

ANSELL - floodlighting
Order No. : A70MHL
Luminaire name : ORION SLIM DIE-CAST FLOODLIGHT
Equipment : 1 x 70W HQI-TD / 5500 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: : 122 cd/m²