



Installation :

Project number :

Customer :

Processed by : Luke Wallace

Date : 22.06.2016

Project description:

This design is based on the information supplied and should always be read on conjunction with that information. All illuminance/luminance values are the result of calculations based upon the precise positioning of luminaires in a fixed relationship within the proposed environment. Any variation to the lighting design layout and the environment to be lit may affect the calculated light levels. This design and associated specifications is subject to Conditions of Sale of Litetask Limited.

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.

Object :
Installation :
Project number :
Date : 22.06.2016



1 Luminaire data

1.1 LITEideas, LXCE004 (LXCE004)

1.1.1 Data sheet

Manufacturer: LITEideas

LXCE004 LXCE004

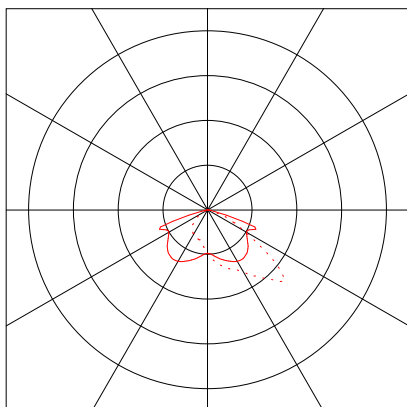
Luminaire data

Luminaire efficiency : 100%
Luminaire efficacy : 113.51 lm/W
Classification : A30 ↓100.0% ↑0.0%
CIE Flux Codes : 37 76 99 100 100
UGR 4H 8H : 29.6 / 15.2
Power : 37 W
Luminous flux : 4200 lm

Equipped with

Quantity : 1
Designation : LED 740
Colour :
Luminous flux : 4200 lm

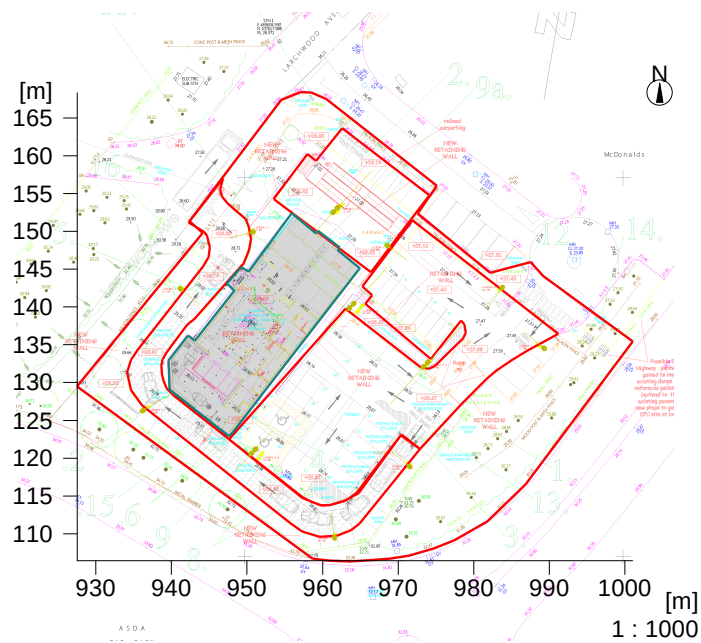
Dimensions : 555 mm x 348 mm x 84 mm



2 Exterior 1

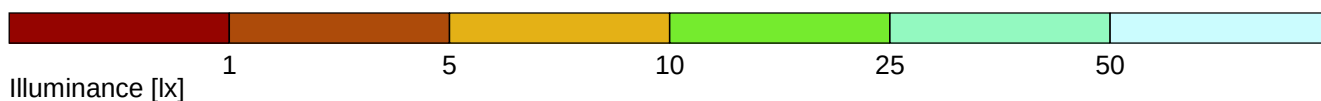
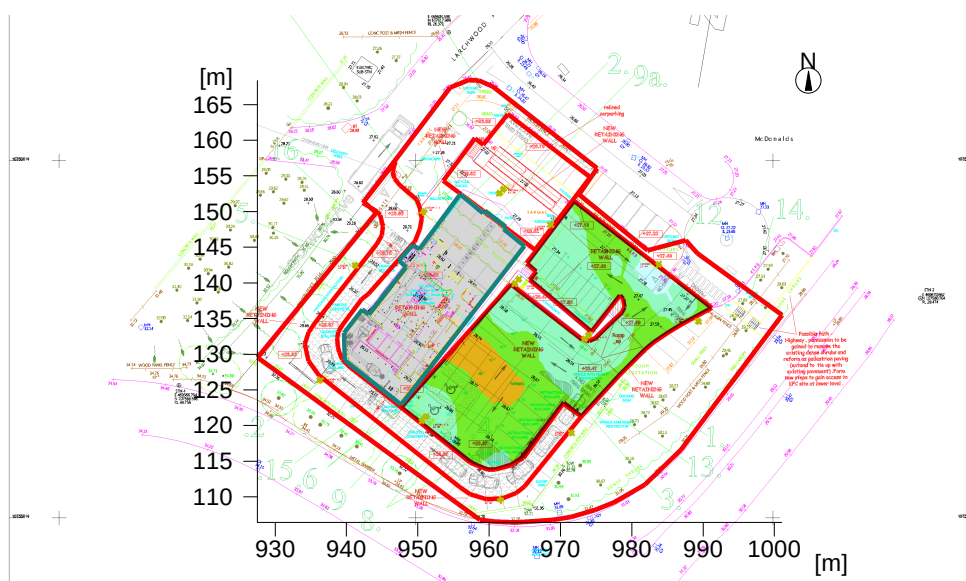
2.1 Description, Exterior 1

2.1.1 Floor plan



2.2 Summary, Exterior 1

2.2.2 Result overview, Car Park



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	67200 lm
Total power	592 W
Total power per area (2526.74 m²)	0.23 W/m²

Illuminance

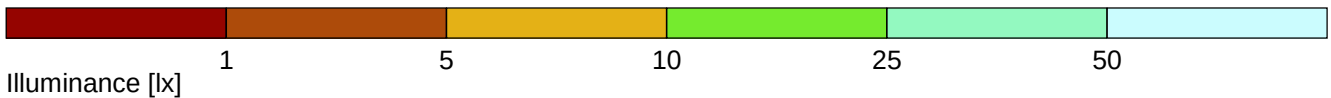
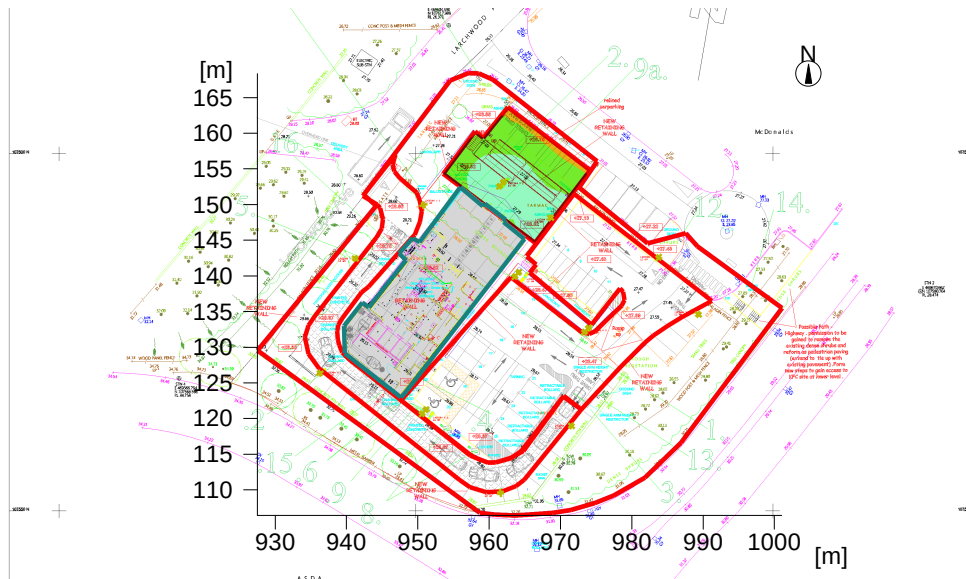
Average illuminance	Eav	26.4 lx
Minimum illuminance	Emin	5.1 lx
Maximum illuminance	Emax	64.4 lx
Uniformity Uo	Emin/Em	1:5.14 (0.19)
Diversity Ud	Emin/Emax	1:12.5 (0.08)

Type No. \ Make

1	16	LITEideas
		Order No. : LXCE004
		Luminaire name : LXCE004
		Equipment : 1 x LED 740 37 W / 4200 lm

2.2 Summary, Exterior 1

2.2.3 Result overview, Front Car Park Area



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	67200 lm
Total power	592 W
Total power per area (2526.74 m²)	0.23 W/m²

Illuminance

Average illuminance	Eav	26.1 lx
Minimum illuminance	Emin	10.6 lx
Maximum illuminance	Emax	43.9 lx
Uniformity Uo	Emin/Em	1:2.46 (0.41)
Diversity Ud	Emin/Emax	1:4.13 (0.24)

Type No. \Make

1	16	LITEideas
		Order No. : LXCE004
		Luminaire name : LXCE004
		Equipment : 1 x LED 740 37 W / 4200 lm