



Installation : SLEIGHTS

Project number : 800268

Customer : EC YORK

Processed by :

Date : 14.07.2015

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.

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18 JUL 2015

1 Luminaire data

1.1 80W ROADSTAR V2 (614307)

1.1.1 Data sheet

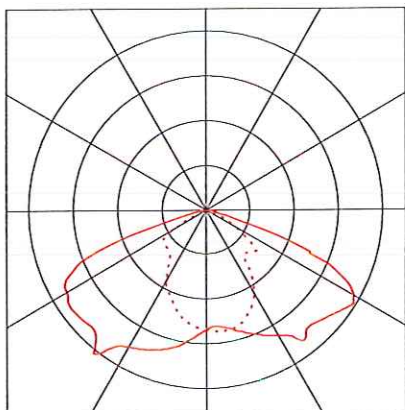
614307 80W ROADSTAR V2

Luminaire data

Luminaire efficiency : 100%
Luminaire efficacy : 96.39 lm/W
Classification : A40 ↓99.9% ↑0.1%
CIE Flux Codes : 44 83 99 100 100
UGR 4H 8H (20%, 50%, 70%)
C0 / C90 : 38.1 / 31.2
Control gear :
System power : 79 W
Length : 620 mm
Width : 260 mm
Height : 100 mm

Equipped with

Quantity : 1
Designation : LED
Colour : 4000K
Luminous flux : 7615 lm



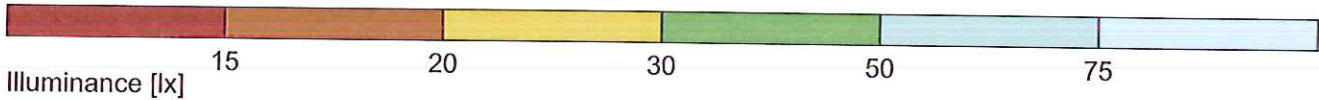
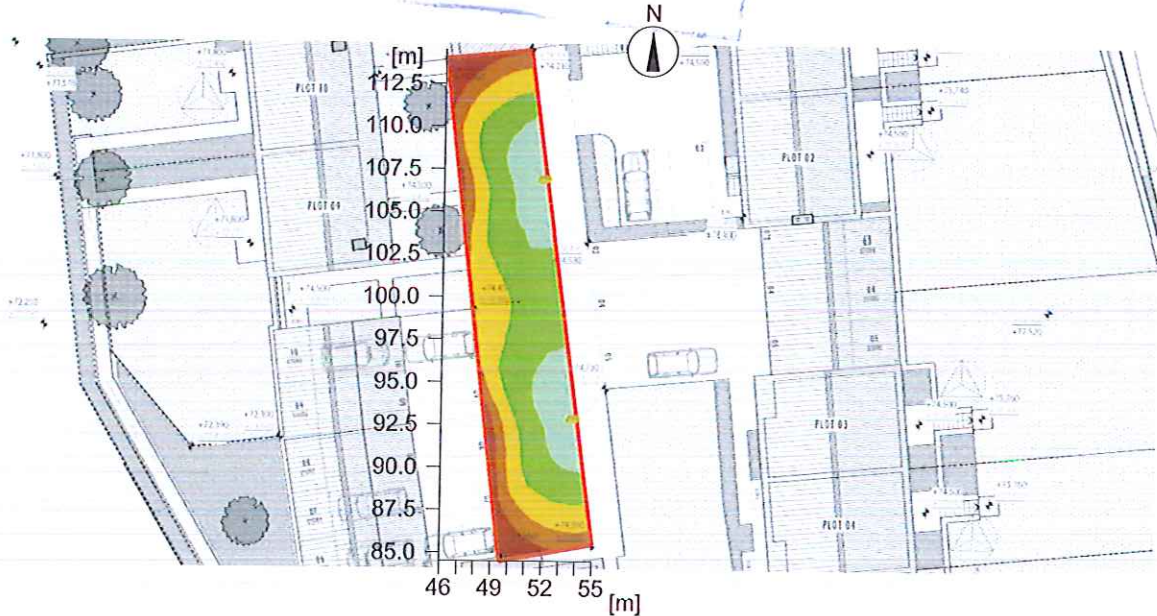
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2 ROADWAY

2.2 Summary, ROADWAY

2.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used
 photometric centre height.
 Maintenance factor

Average indirect fraction with light colours
 5.00 m
 0.80

Total luminous flux of all lamps
 Total power
 Total power per area (156.37 m²)


15230 lm
 158.0 W
 1.01 W/m² (2.95 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

Horizontal
 Em 34.3 lx
 Emin 9.5 lx
 Emin/Eav (Uo) 0.28
 Emin/Emax (Ud) 0.13
 Position 0.00 m

Type No.\Make

1	2	Order No.	: 614307
		Luminaire name	: 80W ROADSTAR V2
		Equipment	: 1 x LED / 7615 lm 4000K