



DeMac

Installation : Car Park Lighting, Enfield, Co. Meath

Project number : 22-001

Customer : DCE

Processed by :

Date : 10.01.2022

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.

This exclusion of liability applies irrespective of the legal grounds for both damages and consequential damages suffered by users and third parties.

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1 Luminaire data

1.1 not a Relux Member, Product (*B95C4*)

1.1.1 Data sheet

Manufacturer: not a Relux Member

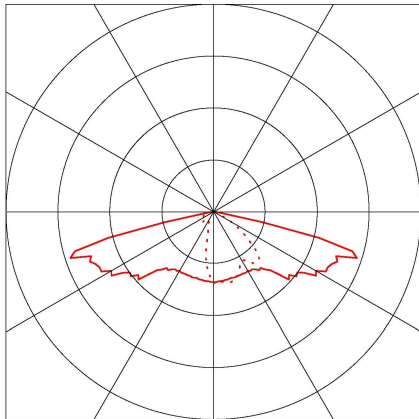
B95C4 Product
not licensed

Luminaire data

Absolute Photometry :
Luminaire efficacy : 124.8 lm/W
Classification : A20 ↓100.0% ↑0.0%
CIE Flux Codes : 31 65 95 100 100
UGR 4H 8H : 41.5 / 24.4
Power : 25 W
Luminous flux : 3120 lm
Dimensions : 70 mm x 170 mm x 0.0 mm

Equipped with

Quantity : 1
Designation : 740P NW
Colour :



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2 Exterior 1(Copy of)

2.1 Description, Exterior 1(Copy of)

2.1.1 Floor plan

y [m]

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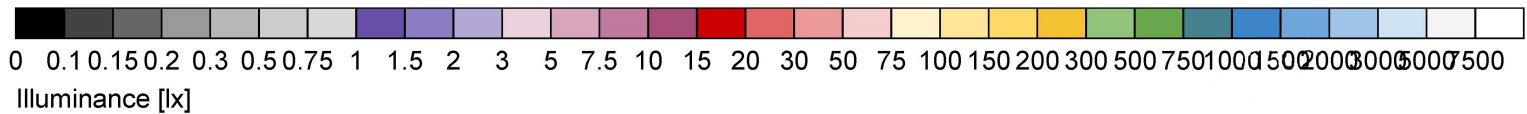
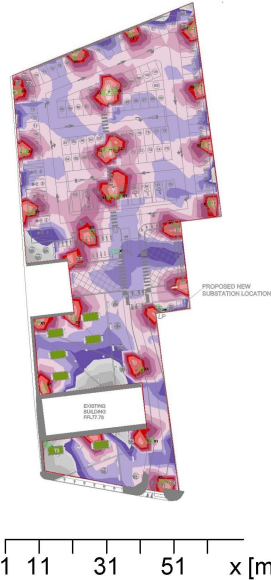
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2 Exterior 1(Copy of)

2.2 Summary, Exterior 1(Copy of)

2.2.1 Result overview, Evaluation area 1



General


Calculation algorithm used	Average indirect fraction
Height (phot. centre)	5.75 m
Maintenance factor	0.80
Total luminous flux of all lamps	84240.00 lm
Total power	675.0 W
Total power per area (5650.60 m ²)	0.12 W/m ² (2.00 W/m ² /100lx)

Evaluation area 1

Reference plane 1.1

	Horizontal
Em	5.97 lx
Emin	0.24 lx
Emin/Em (Uo)	0.04
Emin/Emax (Ud)	0.01
Position	0.00 m

Type No. Make

1	27	not a Relux Member
	Order No.	: *B95Q4*
	Luminaire name	: Product
	Equipment	: 1 x 740P NW 25 W / 3120 lm

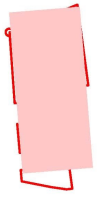
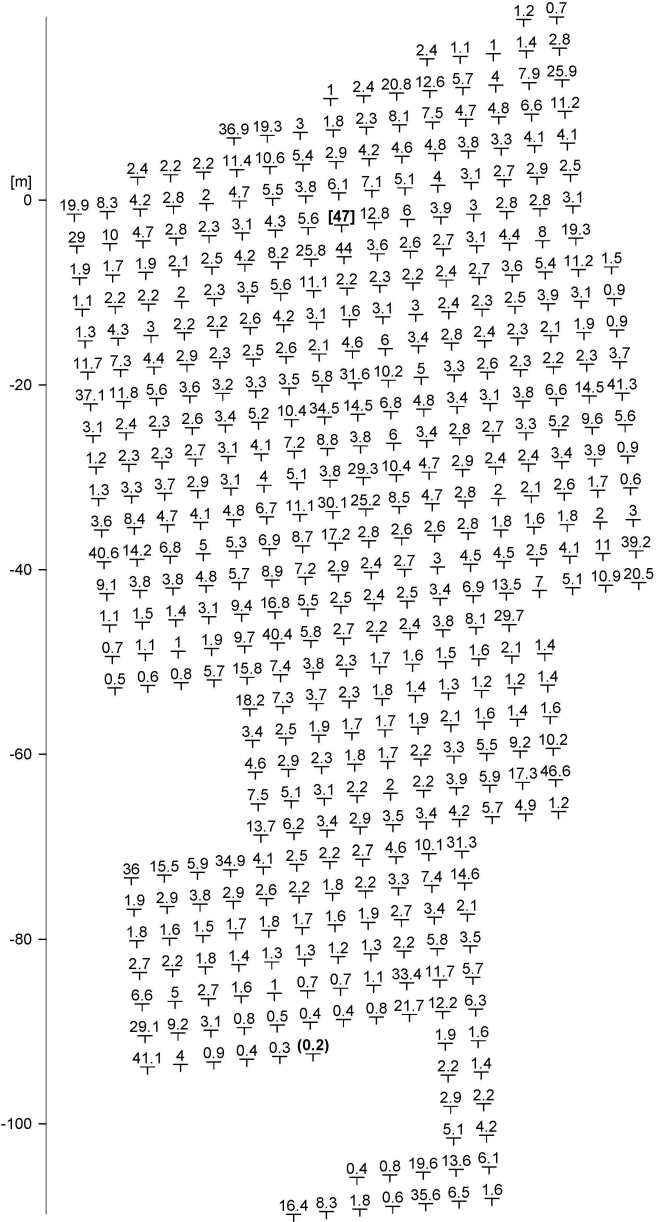
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2 Exterior 1(Copy of)

2.3 Calculation results, Exterior 1(Copy of)

2.3.1 Table, Reference plane 1.1 (E)



Part1

Height reference plane	:	0.00 m
Average illuminance	Em	: 6 lx
Minimum illuminance	Emin	: 0.2 lx
Maximum illuminance	Emax	: 47 lx
Uniformity Ud	Emin/Em	: 1 : 24.77 (0.04)
Diversity U _d	Emin/Emax	: 1 : 195.07 (0.01)

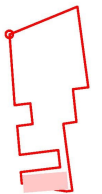
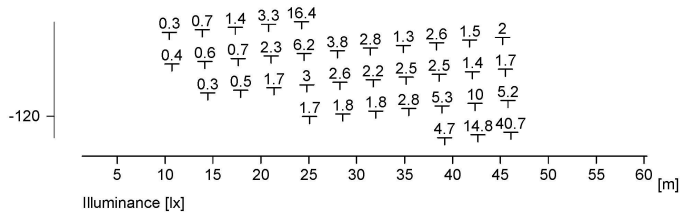
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2 Exterior 1(Copy of)

2.3 Calculation results, Exterior 1(Copy of)

2.3.1 Table, Reference plane 1.1 (E)



Part2