

Trimite - External Lighting Calculation

Partner for Contact:
Order No.:
Company:
Customer No.:

Date: 24.06.2014
Operator:

Green Planet Design Engineers

Unit 4, Coach House Mews, 217 Long Lane, SE1 40R

Operator

Telephone 020 3301 4469

Fax

e-Mail info@gpde.co.uk

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Fax
e-Mail info@gpde.co.uk

Thorn 96265166 ISARO 24L50 WS PC 740 CL1 PN MA76 [STD] / Luminaire Data Sheet

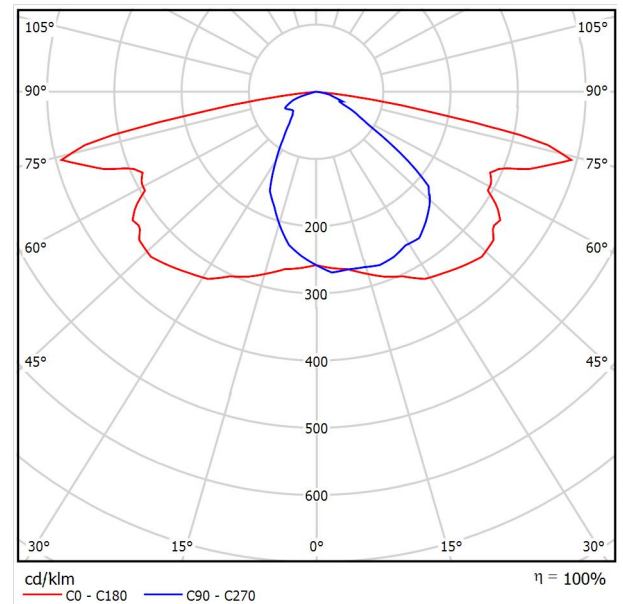


Luminaire classification according to CIE: 100
CIE flux code: 40 74 95 100 100

An LED road and street lantern, designed for durability with wide street distribution. Electronic, fixed output control gear. Class I electrical, IP66, IK10. Body: die-cast aluminium, powder coated grey. Bracket: die-cast aluminium, unpainted. Enclosure: shallow polycarbonate. Suitable for post top mounting on Ø76mm spigot. Variable tilting in 5° steps, post top: 0° to +10°, lateral: -20° to 0°. Cable gland for Ø8 to 12mm cable. Delivered, ready to install, in a single carton. Equipped with Nema photocell socket. Complete with 4000K LED

Total power: 40 W
Dimensions: 600 x 282 x 117 mm
Weight: 5.47 kg
Scx: 0.069 m²

Luminous emittance 1:



Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

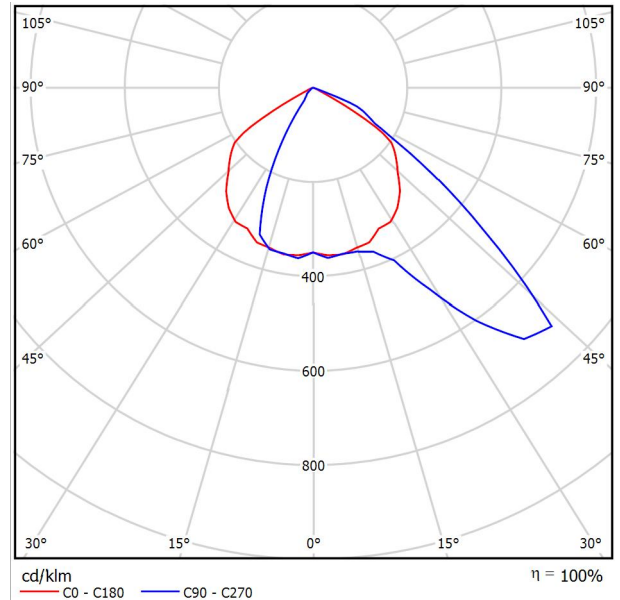
Green Planet Design Engineers

Unit 4, Coach House Mews, 217 Long Lane, SE1 40R

Operator
Telephone 020 3301 4469
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e-Mail info@gpde.co.uk

Thorn 96262350 OLSYS2 90W LED CL1 4000K A/S [STD] / Luminaire Data Sheet

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 52 92 100 100 100

An LED floodlight with asymmetric distribution for area lighting applications. Electronic, fixed output control gear. Class I electrical, IP66, IK08. Body: die-cast aluminium (AS9U), powder coated silver-grey (RAL 9006). Enclosure: tempered glass. Optics: aluminium. Supplied in one box, ready to install. Mounting attachments to be ordered separately. Complete with 4000K LED

Dimensions: 505 x 337 x 76 mm
Total power: 89 W
Weight: 8.45 kg
Scx: 0.17 m²

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

Components:

•2 x

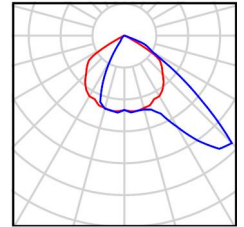
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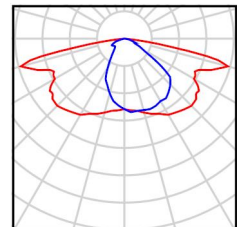
Operator
Telephone 020 3301 4469
Fax
e-Mail info@gpde.co.uk

Exterior Scene 1 / Luminaire parts list

46 Pieces Thorn 96262350 OLSYS2 90W LED CL1 4000K
A/S [STD]
Article No.: 96262350
Luminous flux (Luminaire): 7403 lm
Luminous flux (Lamps): 7410 lm
Luminaire Wattage: 89.0 W
Luminaire classification according to CIE: 100
CIE flux code: 52 92 100 100 100
Fitting: 1 x LED 90 W (Correction Factor 1.000).



51 Pieces Thorn 96265166 ISARO 24L50 WS PC 740 CL1
PN MA76 [STD]
Article No.: 96265166
Luminous flux (Luminaire): 3346 lm
Luminous flux (Lamps): 3359 lm
Luminaire Wattage: 40.0 W
Luminaire classification according to CIE: 100
CIE flux code: 40 74 95 100 100
Fitting: 1 x LED 40 W (Correction Factor 1.000).



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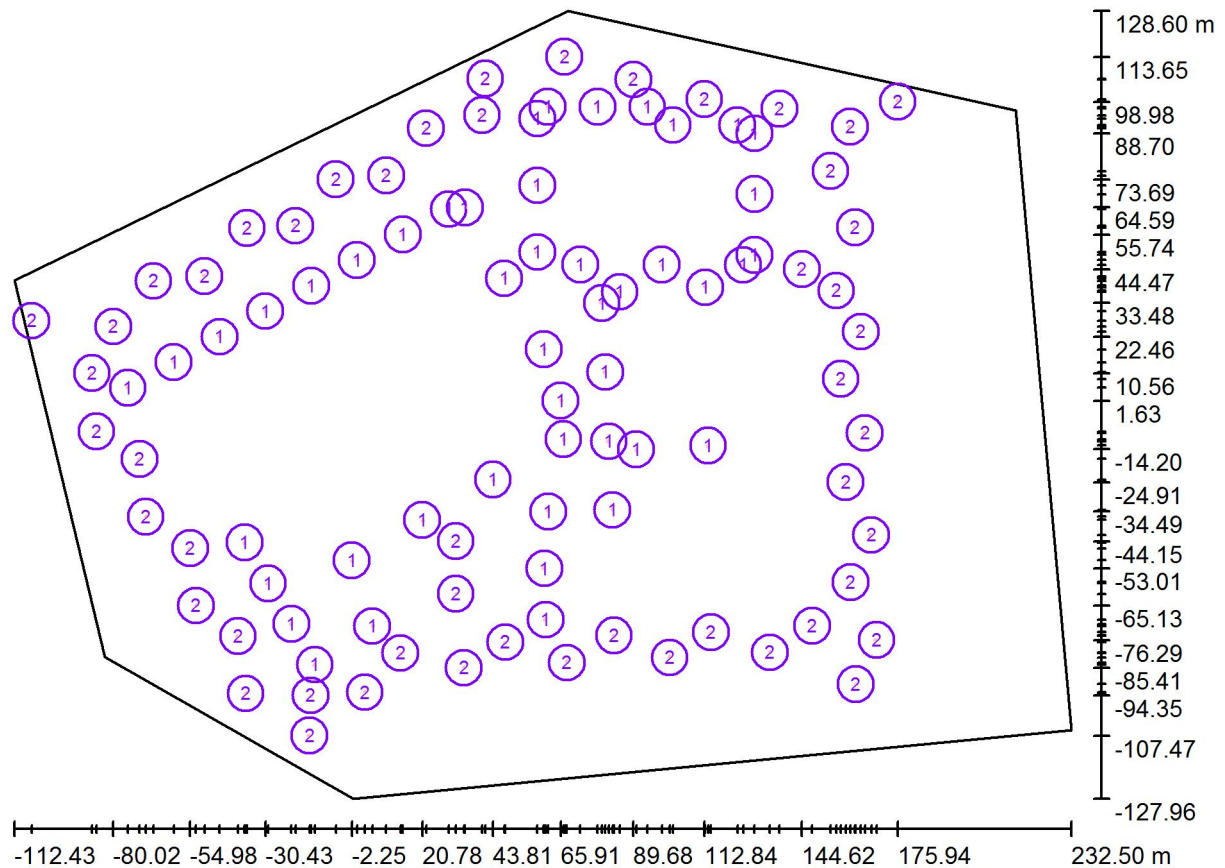
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Exterior Scene 1 / Luminaires (layout plan)

Scale 1 : 2466

Luminaire Parts List

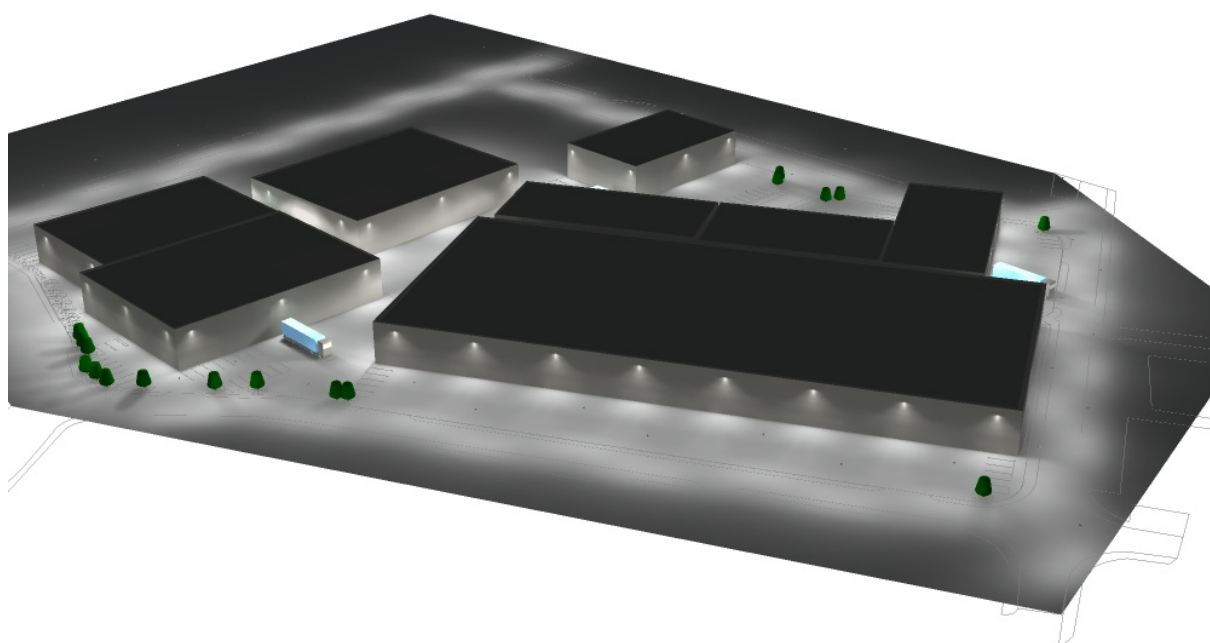
No.	Pieces	Designation
1	46	Thorn 96262350 OLSYS2 90W LED CL1 4000K A/S [STD]
2	51	Thorn 96265166 ISARO 24L50 WS PC 740 CL1 PN MA76 [STD]

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Exterior Scene 1 / 3D Rendering

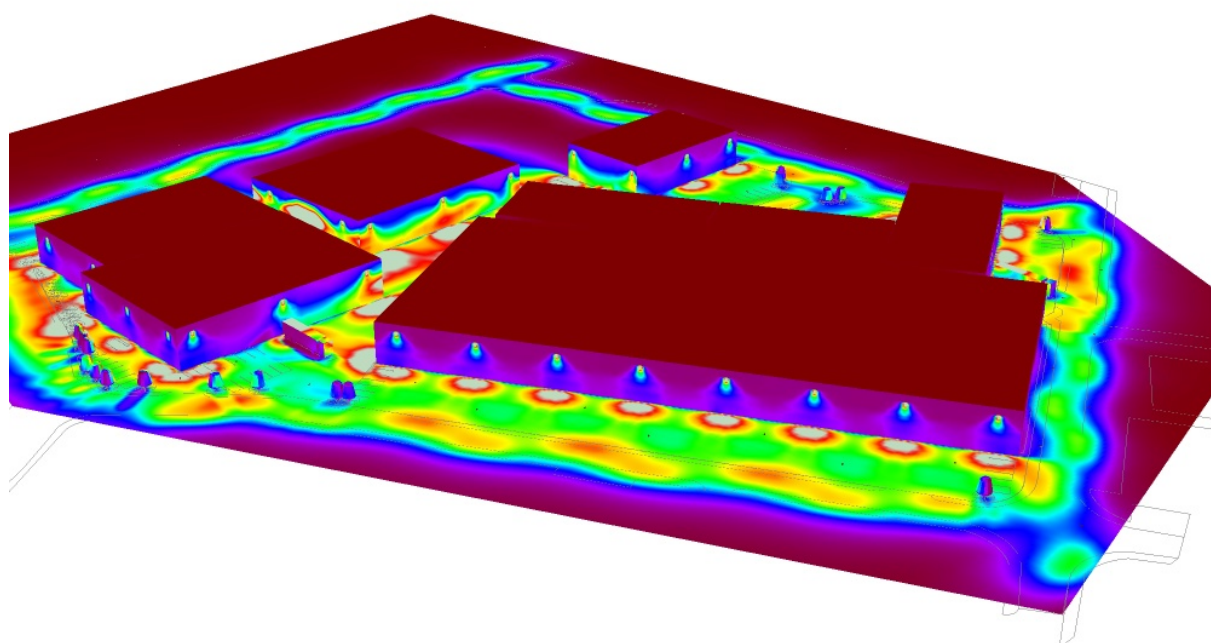


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Operator
Telephone 020 3301 4469
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Exterior Scene 1 / False Colour Rendering

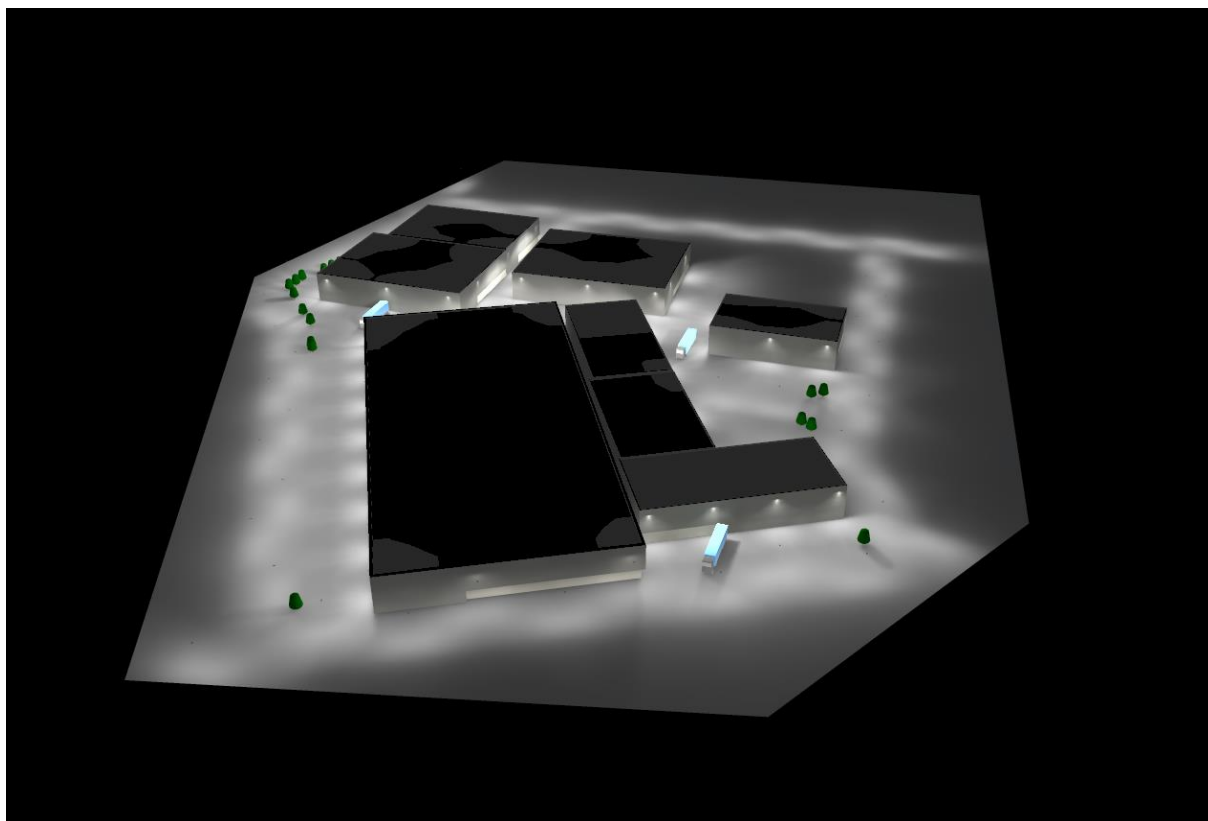


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Exterior Scene 1 / Raytrace preview 5



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Exterior Scene 1 / Raytrace preview 6

