

Taskers Superstore Rear Area

Installation : Taskers Superstore

Project number :

Customer : John Tasker

Processed by : Darren Cavannagh

Date : 11.12.2014

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.

Please Note: All designs must be checked by the contractor prior to placement of order.
Darren Cavannagh: One Electrical: 07966 235 636: dcavannagh@oneelectrical.com

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1 Luminaire data

1.1 One Electrical 150w Premium Floodlights, OE-150WFLOODP (Premium 150w Floodlight

1.1.1 Data sheet

Manufacturer: One Electrical 150w Premium Floodlights

Premium 150w Floodlight.Idt

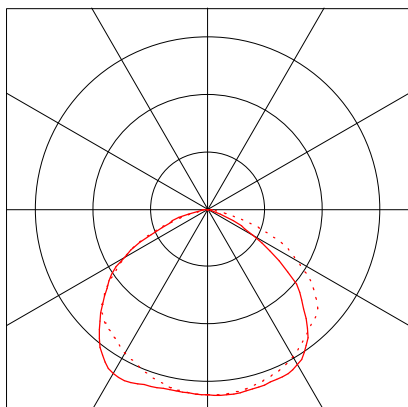
OE-150WFLOODP

Luminaire data

Luminaire efficiency : 100%
Luminaire efficacy : 98.28 lm/W
Classification : A40 ↓ 100.0% ↑ 0.0%
CIE Flux Codes : 48 84 98 100 100
UGR 4H 8H (20%, 50%, 70%)
C0 / C90 : 27.2 / 30.6
Control gear :
System power : 150.8 W
Length : 300 mm
Width : 230 mm

Equipped with

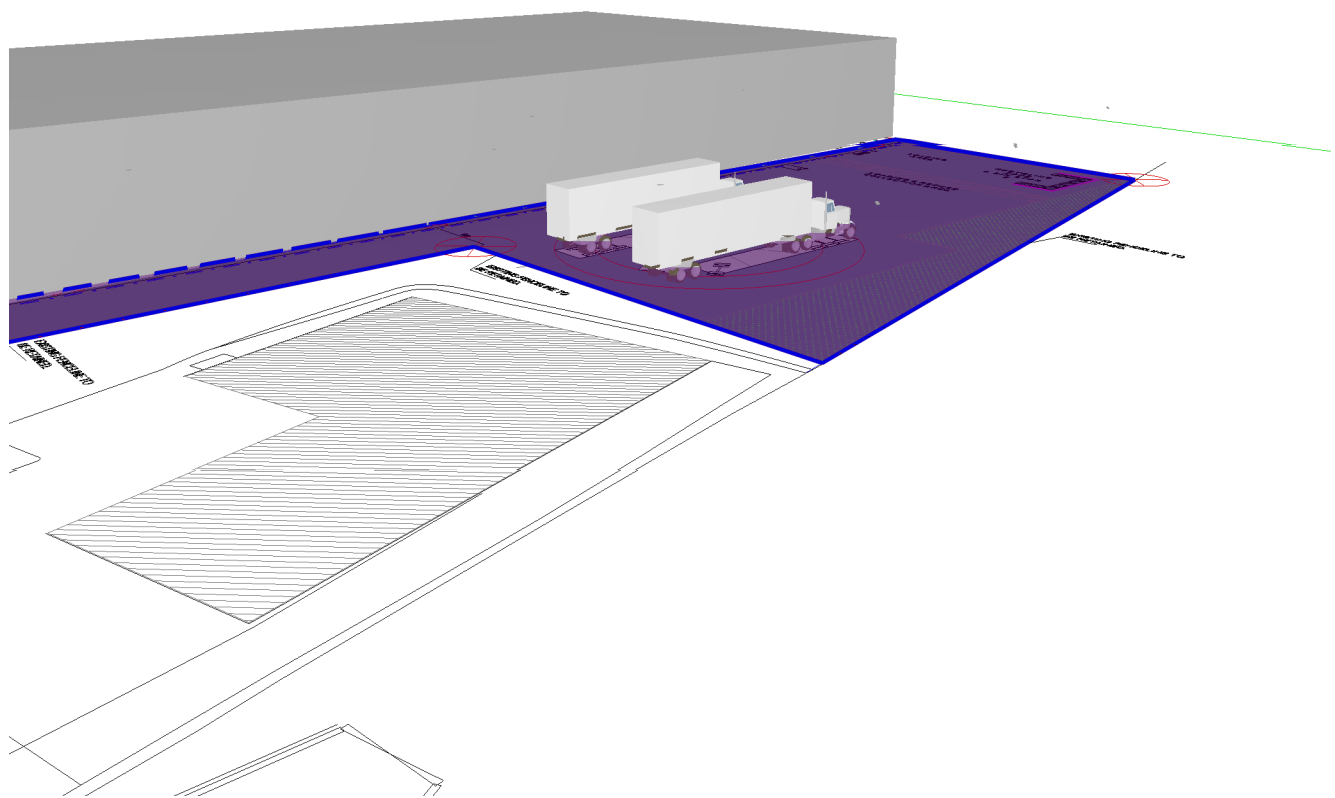
Quantity : 1
Designation : LED
Colour :
Luminous flux : 14820 lm







2.1.2 3D view, View 1

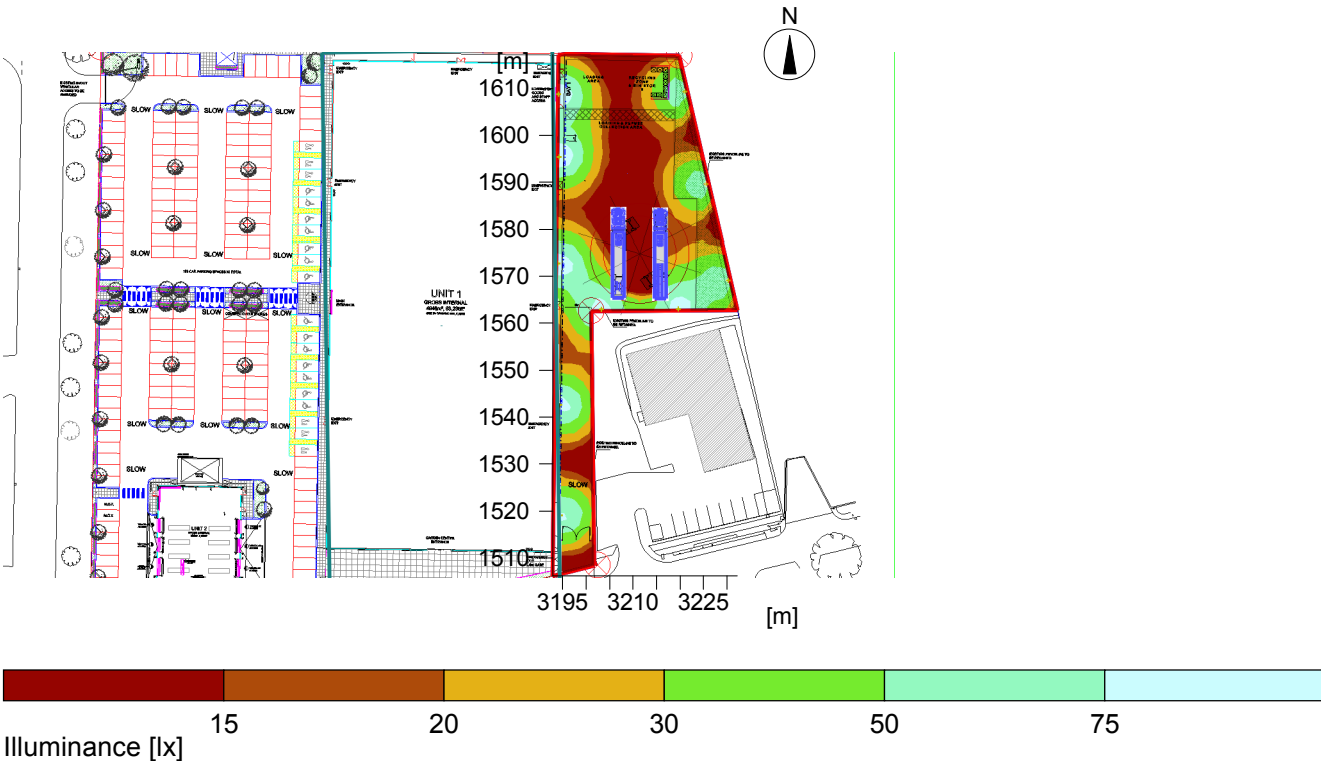


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2 Exterior 1

2.2 Summary, Exterior 1

2.2.1 Result overview, Rear Area



General

Calculation algorithm used
Maintenance factor

Average indirect fraction
0.80

Total luminous flux of all lamps
Total power
Total power per area (2209.95 m²)

148200 lm
1508.0 W
0.68 W/m² (2.22 W/m²/100lx)

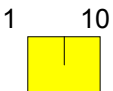
Rear Area

Reference plane 1.1

Horizontal
Em
Emin
Emin/Eav (Uo)
Emin/Emax (Ud)
Position

30.7 lx
0.8 lx
0.03
0.01
0.00 m

Type No.\Make



One Electrical 150w Premium Floodlights

Order No. : Premium 150w Floodlight.Idt
Luminaire name : OE-150WFLOODP
Equipment : 1 x LED / 14820 lm

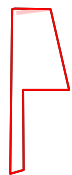
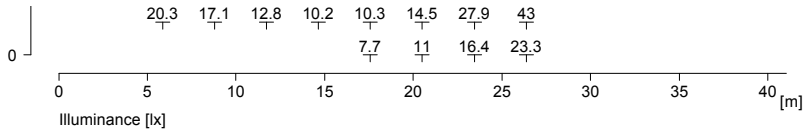
ONE
ELECTRICAL

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2 Exterior 1

2.3 Calculation results, Exterior 1

2.3.1 Table, Reference plane 1.1 (E)

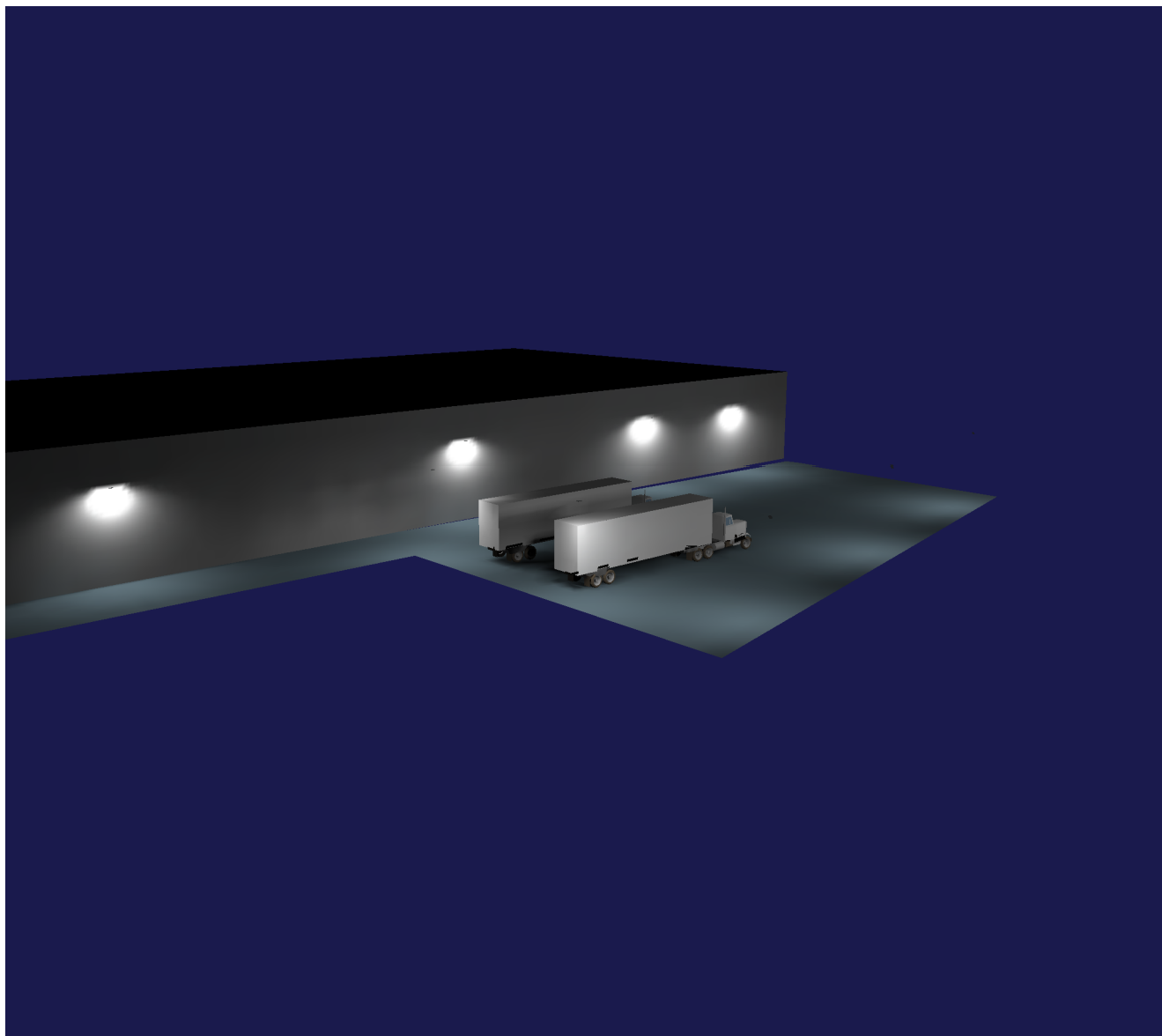


Part2

Object : Taskers Superstore Rear Area
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2.3 Calculation results, Exterior 1

2.3.2 3D luminance, View 1



Luminance in the scene

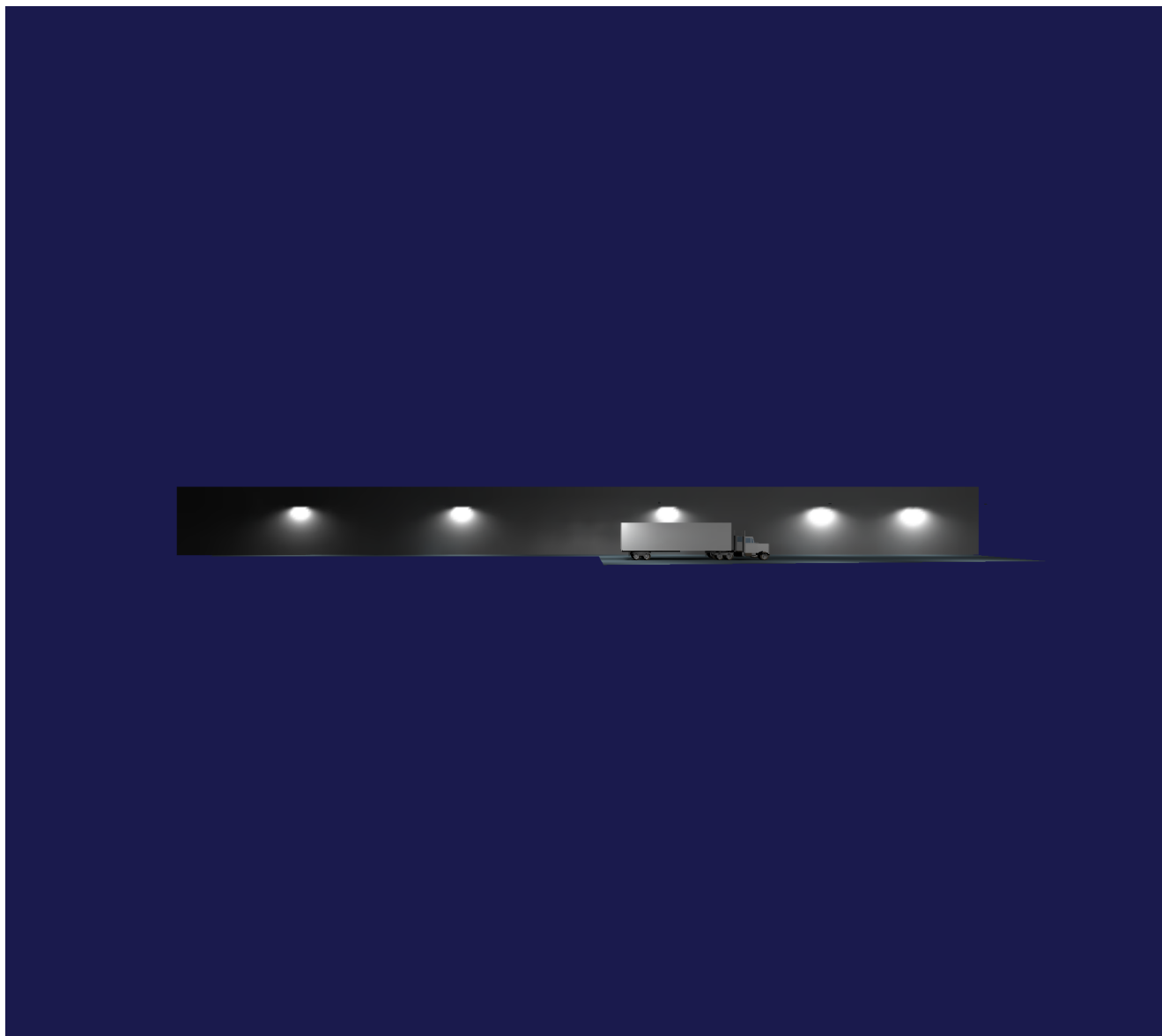
Minimum: : 0 cd/m²

Maximum: : 980 cd/m²

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2.3 Calculation results, Exterior 1

2.3.3 3D luminance, View from the right



Luminance in the scene

Minimum: : 0 cd/m²

Maximum: : 980 cd/m²