Container Storage Yard

Installation : South of Lindley Wood

Project number : 29469 P02
Customer : Hayward Architects
Processed by : Phil Butler MSLL AMILP EngTech
Date : 13.10.2026

Project description:
****
All calculations unless stated have been based upon an open plan area without any obstructions above the working plane.
With regards to CIBSE/ BSEN12464-1:2011 we have shown illuminance levels and ratios for your ultimate approval. UGR and luminance values are available for your approval if necessary. It may be necessary in some instances to check UGR values even if the luminance values are below the compliant threshold.
Emergency lighting has been designed in accordance with BS5266-1:2016 but is an indicative layout only - additional lighting may be required. All emergency lighting is to be checked and confirmed with a local building/fire control officer and ultimately approved by the owner of the building. Any emergency lighting calculations that have been completed have been based on 0.5 lux for open areas and 1 lux for escape routes (where details of escape routes have been given).
Please be aware of L2 requirements and check that conformity has been met where required. In addition, ensuring that fire tents are used where needed to conform to current building regulations is vital; please contact our sales office for a quotation.
All luminaires used are subject to approval/certification of client/end user.
Common design parameters (shown below) have been used in order to carry out all calculations. If any part of this scheme or luminaire choice within this scheme is deemed not suitable for the application, please contact us for re-calculations to be carried out prior to an order being placed. All calculations have been based upon rated lumen outputs and may vary with ambient on site temperatures.
Please ensure that this lighting scheme complies with all requirements, and if further details/calculations are required please contact us via the below details.
Final quantities are to be confirmed prior to an order/installation and we will not be held responsible for any errors or omissions.
****
Nominal Values Used:
Maintenance Factor - 0.8
Reflectance Values (Office Type Interior): 70\50\20
Reflectance Values (Warehouse Type Interior): 50\30\20

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.

Object : Container Storage Yard
Installation : South of Lindley Wood
Project number : 29469 P02
Date : 13.10.2026

1 Luminaire data

1.1 Tamlite Lighting, CITY RLB T2 (!CTRB200T2WWG-2700k)

1.1.1 Data sheet

Manufacturer: Tamlite Lighting

!CTRB200T2WWG-2700k Road lanterns CITY RLB T2
CITY RLB T2 - Road lantern - 23W - 3000K - Fixed output

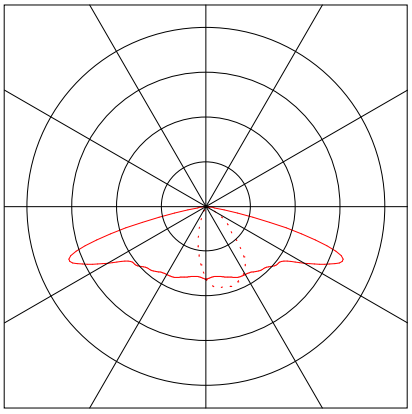
Luminaire data

Absolute Photometry		
Luminaire efficacy	:	86.96 lm/W
Classification	:	A30 ↓100% ↑0%
CIE Flux Codes	:	40 70 96 100 100
Glare	:	G*2 / D6
Control gear	:	LED Driver
Power	:	23 W
Luminous flux	:	2000 lm

Dimensions : 595 mm x 230 mm x 140 mm

Equipped with

Quantity	:	1
Designation	:	LED
Colour	:	3000K
Colour reproduction	:	80







1 Luminaire data

1.2 Tamlite Lighting, CITY RLB T4 (!CTRB1140T4WWG-2700k)

1.2.1 Data sheet

Manufacturer: Tamlite Lighting

!CTRB1140T4WWG-2700k Road lanterns CITY RLB T4
CITY RLB T4 - Road lantern - 117W - 3000K - Fixed output

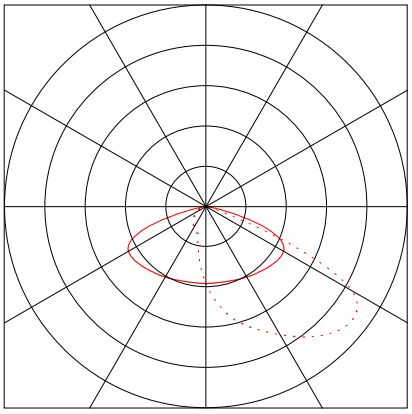
Luminaire data

Absolute Photometry		
Luminaire efficacy	:	97.44 lm/W
Classification	:	A30 ↓100% ↑0%
CIE Flux Codes	:	32 68 96 100 100
Glare	:	G*2 / D4
Control gear	:	LED Driver
Power	:	117 W
Luminous flux	:	11400 lm

Dimensions : 700 mm x 290 mm x 140 mm

Equipped with

Quantity	:	1
Designation	:	LED
Colour	:	3000K
Colour reproduction	:	80







1 Luminaire data

1.3 Tamlite Lighting, X-COLUMNS... (!TC8MLD + TMLOR300-60mm Out ...)

1.3.1 Data sheet

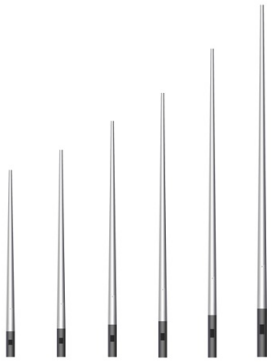
Manufacturer: Tamlite Lighting

!TC8MLD + TMLOR300-60mm Out + Cutout Columns and Brackets X-COLUMNS

Luminaire data

Luminaire efficacy :
UGR 4H 8H : <10.0 / <10.0

Dimensions : 200 mm x 100 mm x 0.0 mm





1 Luminaire data

1.4 Tamlite Lighting, X-COLUMNS... (!TC8MLD + TMLDOR30060/76mm +...)

1.4.1 Data sheet

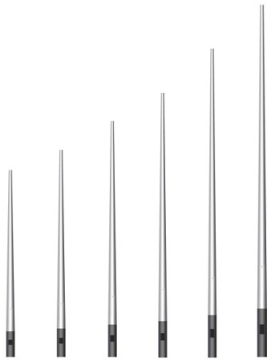
Manufacturer: Tamlite Lighting

!TC8MLD + TMLDOR30060/76mm + Cutout Columns and Brackets X-COLUMNS

Luminaire data

Luminaire efficacy :
UGR 4H 8H : <10.0 / <10.0

Dimensions : 200 mm x 100 mm x 0.0 mm





Object : Container Storage Yard
Installation : South of Lindley Wood
Project number : 29469 P02
Date : 13.10.2026

2 Exterior - Storage Yard

2.1 Description, Exterior - Storage Yard

2.1.1 Luminaire data/Room elements

Product data:

Type No.\Make

Tamlite Lighting

2 53 x


Order No. : !CTRB1140T4WWG-2700k
Luminaire name : CITY RLB T4
Equipment : 1 x LED 117 W / 11400 lm

3 23 x


Order No. : !TC8MLD + TMLOR300-60mm Out + Cutout
Luminaire name : X-COLUMNS
-- --

4 15 x

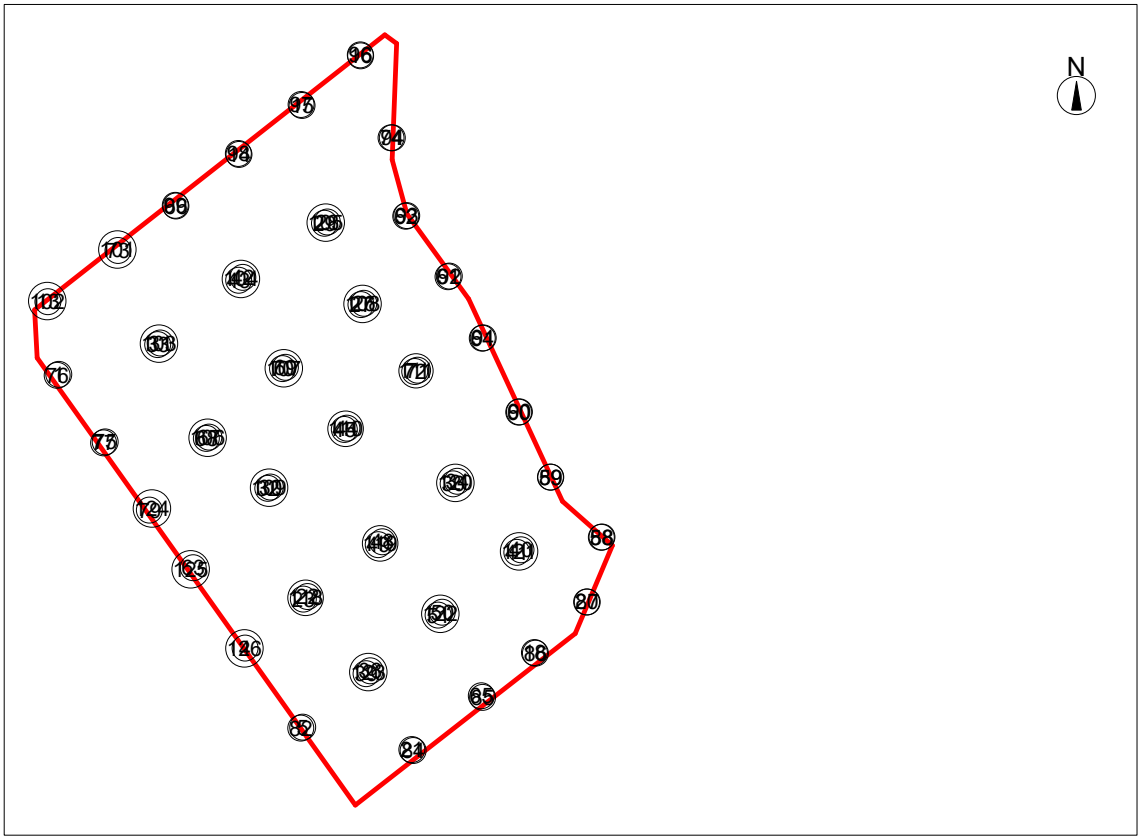

Order No. : !TC8MLD + TMLDOR30060/76mm + Cutout
Luminaire name : X-COLUMNS
-- --

2 Exterior - Storage Yard

2.1 Description, Exterior - Storage Yard

2.1.1 Luminaire data/Room elements

Floor with luminaire and sensor positions:



2 Exterior - Storage Yard

2.1 Description, Exterior - Storage Yard

2.1.1 Luminaire data/Room elements

	Centre point			Rotation angle			Target coordinates		
No.	X [m]	Y [m]	Z [m]	Z [°]	C0 [°]	C90 [°]	Xa [m]	Ya [m]	Za [m]
Tamlite Lighting CITY RLB T4 !CTRB1140T4WWG-2700k									
1	-189.08	94.77	8.03	300.00	3.00	0.00	-179.15	100.51	0.00
75	-172.08	70.10	8.03	300.00	3.00	0.00	-162.15	75.84	0.00
63	-139.85	24.01	8.03	300.00	3.00	0.00	-129.92	29.75	0.00
4	-120.78	-5.40	8.03	300.00	3.00	0.00	-110.85	0.34	0.00
5	-99.68	-34.30	8.03	300.00	3.00	0.00	-89.75	-28.56	0.00
22	-98.00	13.53	8.03	300.00	3.00	0.00	-88.07	19.26	0.00
38	-74.99	-13.72	8.03	300.00	3.00	0.00	-65.06	-7.99	0.00
34	-43.09	55.68	8.03	300.00	3.00	0.00	-33.16	61.41	0.00
48	-70.59	33.48	8.03	300.00	3.00	0.00	-60.66	39.21	0.00
40	-19.81	30.60	8.03	300.00	3.00	0.00	-9.88	36.34	0.00
50	-48.61	7.70	8.03	300.00	3.00	0.00	-38.68	13.44	0.00
26	-77.38	120.80	8.03	300.00	3.00	0.00	-67.45	126.54	0.00
71	-57.71	96.34	8.03	300.00	3.00	0.00	-47.77	102.08	0.00
30	-111.55	53.52	8.03	300.00	3.00	0.00	-101.62	59.26	0.00
67	-134.03	71.87	8.03	300.00	3.00	0.00	-124.10	77.60	0.00
44	-83.51	75.11	8.03	300.00	3.00	0.00	-73.58	80.85	0.00
69	-106.11	97.41	8.03	300.00	3.00	0.00	-96.18	103.15	0.00
28	-90.73	150.56	8.03	300.00	3.00	0.00	-80.79	156.30	0.00
31	-151.85	106.23	8.03	300.00	3.00	0.00	-141.92	111.96	0.00
42	-121.64	130.24	8.03	300.00	3.00	0.00	-111.70	135.98	0.00
23	-99.51	12.52	8.03	120.00	3.00	0.00	-109.44	6.79	0.00
39	-76.50	-14.72	8.03	120.00	3.00	0.00	-86.43	-20.46	0.00
36	-44.60	54.68	8.03	120.00	3.00	0.00	-54.53	48.94	0.00
49	-72.10	32.48	8.03	120.00	3.00	0.00	-82.03	26.74	0.00
41	-21.31	29.60	8.03	120.00	3.00	0.00	-31.25	23.87	0.00
51	-50.11	6.70	8.03	120.00	3.00	0.00	-60.05	0.97	0.00
27	-78.39	120.30	8.03	120.00	3.00	0.00	-88.32	114.56	0.00
72	-58.71	95.84	8.03	120.00	3.00	0.00	-68.64	90.11	0.00
32	-112.55	53.02	8.03	120.00	3.00	0.00	-122.49	47.28	0.00
68	-135.04	71.37	8.03	120.00	3.00	0.00	-144.97	65.63	0.00
45	-84.52	74.61	8.03	120.00	3.00	0.00	-94.45	68.88	0.00
70	-107.12	96.91	8.03	120.00	3.00	0.00	-117.05	91.18	0.00
29	-91.73	150.06	8.03	120.00	3.00	0.00	-101.67	144.33	0.00
33	-152.85	105.72	8.03	120.00	3.00	0.00	-162.79	99.99	0.00
43	-123.14	129.24	8.03	120.00	3.00	0.00	-133.07	123.51	0.00
74	-67.33	181.31	8.03	85.00	3.00	0.00	-78.75	182.31	0.00
13	-193.02	121.34	8.03	220.00	3.00	0.00	-185.65	112.55	0.00
14	-123.06	175.21	8.03	220.00	3.00	0.00	-115.69	166.43	0.00
66	-146.16	156.35	8.03	220.00	3.00	0.00	-138.79	147.56	0.00
15	-100.01	193.22	8.03	220.00	3.00	0.00	-92.64	184.44	0.00
73	-167.34	140.11	8.03	220.00	3.00	0.00	-159.96	131.33	0.00
16	-78.47	211.36	8.03	220.00	3.00	0.00	-71.10	202.58	0.00
18	-14.83	-6.99	8.03	40.00	3.00	0.00	-22.20	1.79	0.00
65	-34.33	-22.89	8.03	40.00	3.00	0.00	-41.70	-14.11	0.00
21	-59.73	-42.49	8.03	40.00	3.00	0.00	-67.10	-33.71	0.00
20	4.17	11.51	8.03	70.00	3.00	0.00	-6.61	15.43	0.00
58	9.63	35.19	8.03	120.00	3.00	0.00	-0.30	29.46	0.00
59	-9.05	57.15	8.03	120.00	3.00	0.00	-18.99	51.41	0.00
60	-20.64	80.93	8.03	120.00	3.00	0.00	-30.57	75.20	0.00
61	-46.53	130.46	8.03	120.00	3.00	0.00	-56.46	124.73	0.00
64	-34.03	107.96	8.03	120.00	3.00	0.00	-43.96	102.23	0.00
62	-62.02	152.71	8.03	120.00	3.00	0.00	-71.95	146.98	0.00
124	-154.97	45.71	8.03	300.00	3.00	0.00	-145.04	51.44	0.00

2 Exterior - Storage Yard

2.1 Description, Exterior - Storage Yard

2.1.1 Luminaire data/Room elements

Tamlite Lighting X-COLUMNS !TC8MLD + TMLOR300-60mm Out + Cutout

76	-189.66	94.44	0.00	90.00	0.00	0.00	--	--	--
77	-172.68	69.76	0.00	90.00	0.00	0.00	--	--	--
79	-155.89	45.08	0.00	90.00	0.00	0.00	--	--	--
82	-100.39	-34.72	0.00	90.00	0.00	0.00	--	--	--
84	-59.35	-42.90	0.00	90.00	0.00	0.00	--	--	--
85	-33.87	-23.47	0.00	90.00	0.00	0.00	--	--	--
86	-14.58	-7.26	0.00	90.00	0.00	0.00	--	--	--
87	4.47	11.52	0.00	90.00	0.00	0.00	--	--	--
88	9.81	35.31	0.00	90.00	0.00	0.00	--	--	--
89	-8.89	57.21	0.00	90.00	0.00	0.00	--	--	--
90	-20.37	81.08	0.00	90.00	0.00	0.00	--	--	--
91	-33.68	108.12	0.00	90.00	0.00	0.00	--	--	--
92	-46.07	130.73	0.00	90.00	0.00	0.00	--	--	--
93	-61.63	152.91	0.00	90.00	0.00	0.00	--	--	--
94	-66.91	181.39	0.00	90.00	0.00	0.00	--	--	--
96	-78.69	211.66	0.00	90.00	0.00	0.00	--	--	--
97	-100.30	193.55	0.00	90.00	0.00	0.00	--	--	--
98	-123.33	175.57	0.00	90.00	0.00	0.00	--	--	--
99	-146.38	156.61	0.00	90.00	0.00	0.00	--	--	--
101	-167.59	140.42	0.00	90.00	0.00	0.00	--	--	--
102	-193.26	121.66	0.00	90.00	0.00	0.00	--	--	--
125	-140.75	23.40	0.00	90.00	0.00	0.00	--	--	--
126	-121.02	-5.50	0.00	90.00	0.00	0.00	--	--	--

Tamlite Lighting X-COLUMNS !TC8MLD + TMLDOR30060/76mm + Cutout

103	-152.35	105.99	-0.00	90.00	0.00	0.00	--	--	--
104	-122.34	129.73	-0.00	90.00	0.00	0.00	--	--	--
105	-91.31	150.31	-0.00	90.00	0.00	0.00	--	--	--
106	-134.52	71.58	-0.00	90.00	0.00	0.00	--	--	--
107	-106.68	97.05	-0.00	90.00	0.00	0.00	--	--	--
108	-77.85	120.53	-0.00	90.00	0.00	0.00	--	--	--
109	-112.07	53.25	-0.00	90.00	0.00	0.00	--	--	--
110	-83.97	74.85	-0.00	90.00	0.00	0.00	--	--	--
111	-58.20	96.09	-0.00	90.00	0.00	0.00	--	--	--
118	-98.72	13.01	-0.00	90.00	0.00	0.00	--	--	--
119	-71.35	32.97	-0.00	90.00	0.00	0.00	--	--	--
120	-43.83	55.11	-0.00	90.00	0.00	0.00	--	--	--
121	-20.52	30.04	-0.00	90.00	0.00	0.00	--	--	--
122	-49.36	7.17	-0.00	90.00	0.00	0.00	--	--	--
123	-75.71	-14.19	-0.00	90.00	0.00	0.00	--	--	--

Structural elements

Measuring surface

No.	xm[m]	ym[m]	zm[m]	Length	Width	Height	Rotation angle z axis	L axis
Storage Yard								
M 1	-80.00	-62.00	0.00	268.26	278.34	0.00	305.63	0.00
Swale								
M 2	-121.86	7.96	-0.00	93.26	80.27	0.00	39.78	0.00

2 Exterior - Storage Yard

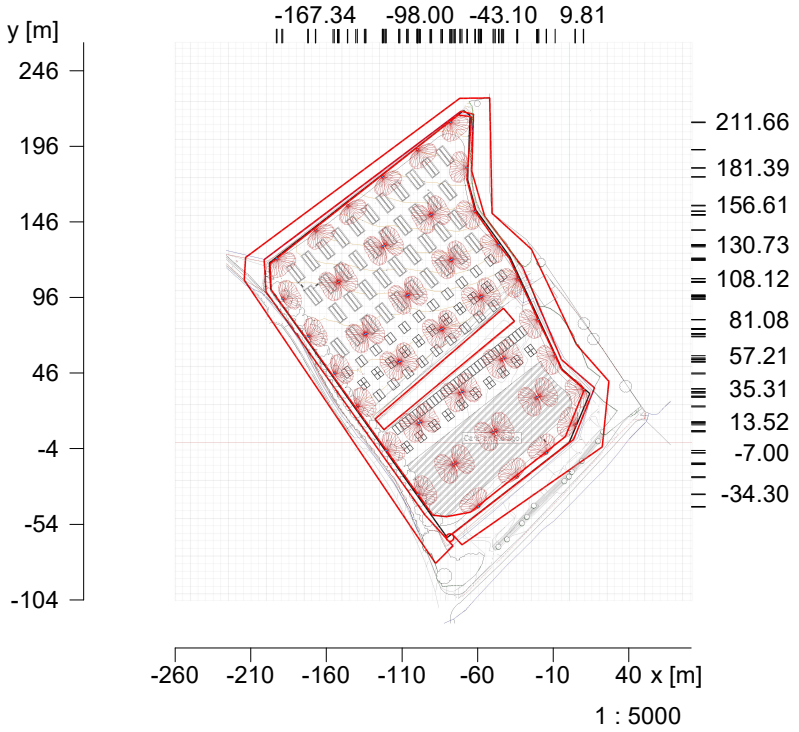
2.1 Description, Exterior - Storage Yard

2.1.1 Luminaire data/Room elements

Bat Boxes								
M 3	-78.68	-62.78	0.00	5.00	5.00	0.00	0.00	0.00
Border								
M 4	-76.74	-53.68	0.00	341.26	368.49	0.00	342.52	0.00

2.1 Description, Exterior - Storage Yard

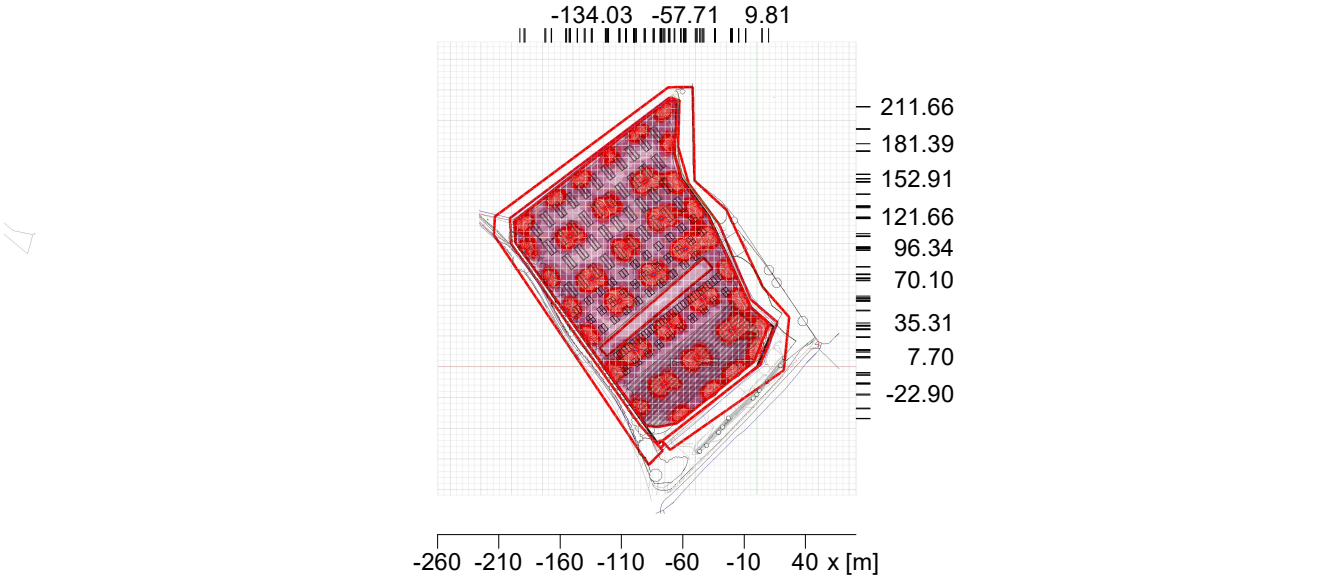
2.1.2 Floor plan



2 Exterior - Storage Yard

2.2 Summary, Exterior - Storage Yard

2.2.1 Result overview, Storage Yard



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	604200 lm
Total power	6201 W
Total power per area (29921.50 m²)	0.21 W/m²
Upward light ratio (RUL)	0 %

Illuminance

Average illuminance	$\bar{E}_m$	15.5 lx
Minimum illuminance	E_{min}	4.72 lx
Maximum illuminance	E_{max}	41 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:3.29 (0.3)
Diversity U_d	E_{min}/E_{max}	1:8.58 (0.12)

Type No.\Make

		Tamlite Lighting	
2	53 x	Order No.	: !CTRB1140T4WWG-2700k
		Luminaire name	: CITY RLB T4
		Equipment	: 1 x LED 117 W / 11400 lm

The ULR value has been calculated without obstruction by other objects.

2 Exterior - Storage Yard

2.2 Summary, Exterior - Storage Yard

2.2.1 Result overview, Storage Yard

3 23 x 

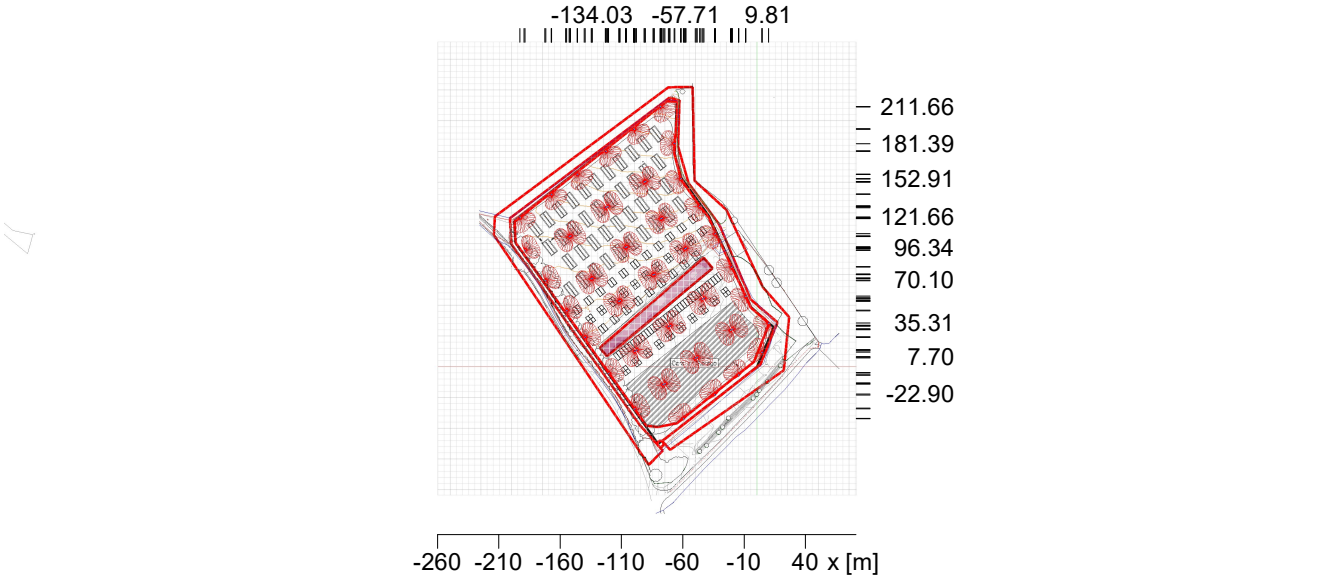
Order No. : !TC8MLD + TMLOR300-60mm Out + Cutout
Luminaire name : X-COLUMNS
-- --

4 15 x 

Order No. : !TC8MLD + TMLDOR30060/76mm + Cutout
Luminaire name : X-COLUMNS
-- --

2.2 Summary, Exterior - Storage Yard

2.2.2 Result overview, Swale



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	-0.00 m
Maintenance factor	0.80
Total luminous flux	604200 lm
Total power	6201 W
Total power per area (29921.50 m²)	0.21 W/m²
Upward light ratio (RUL)	0 %

Illuminance

Average illuminance	$\bar{E}_m$	6.87 lx
Minimum illuminance	E_{min}	4.55 lx
Maximum illuminance	E_{max}	12.4 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:1.51 (0.66)
Diversity U_d	E_{min}/E_{max}	1:2.73 (0.37)

Type No.\Make

	Tamlite Lighting	
2 53 x	Order No.	: !CTRB1140T4WWG-2700k
	Luminaire name	: CITY RLB T4
	Equipment	: 1 x LED 117 W / 11400 lm

The ULR value has been calculated without obstruction by other objects.

2.2 Summary, Exterior - Storage Yard

2.2.2 Result overview, Swale

3 23 x 

Order No. : !TC8MLD + TMLOR300-60mm Out + Cutout
Luminaire name : X-COLUMNS
-- --

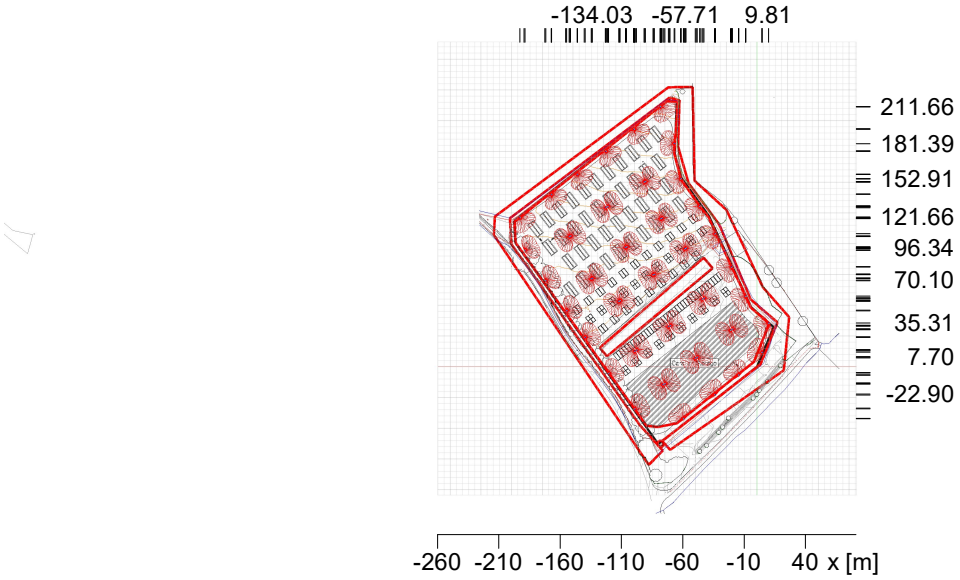
4 15 x 

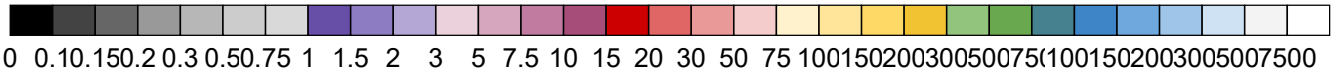
Order No. : !TC8MLD + TMLDOR30060/76mm + Cutout
Luminaire name : X-COLUMNS
-- --

Object	:	Container Storage Yard
Installation	:	South of Lindley Wood
Project number	:	29469 P02
Date	:	13.10.2026

2.2 Summary, Exterior - Storage Yard

2.2.3 Result overview, Bat Boxes





Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	604200 lm
Total power	6201 W
Total power per area (29921.50 m²)	0.21 W/m²
Upward light ratio (RUL)	0 %

Illuminance

Average illuminance	$\bar{E}_m$	0.39 lx
Minimum illuminance	E_{min}	0.23 lx
Maximum illuminance	E_{max}	0.65 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:1.71 (0.58)
Diversity U_d	E_{min}/E_{max}	1:2.84 (0.35)

Type No.\Make

		Tamlite Lighting	
2	53 x	Order No.	: !CTRB1140T4WWG-2700k
		Luminaire name	: CITY RLB T4
		Equipment	: 1 x LED 117 W / 11400 lm

The ULR value has been calculated without obstruction by other objects.

2.2 Summary, Exterior - Storage Yard

2.2.3 Result overview, Bat Boxes

3 23 x 

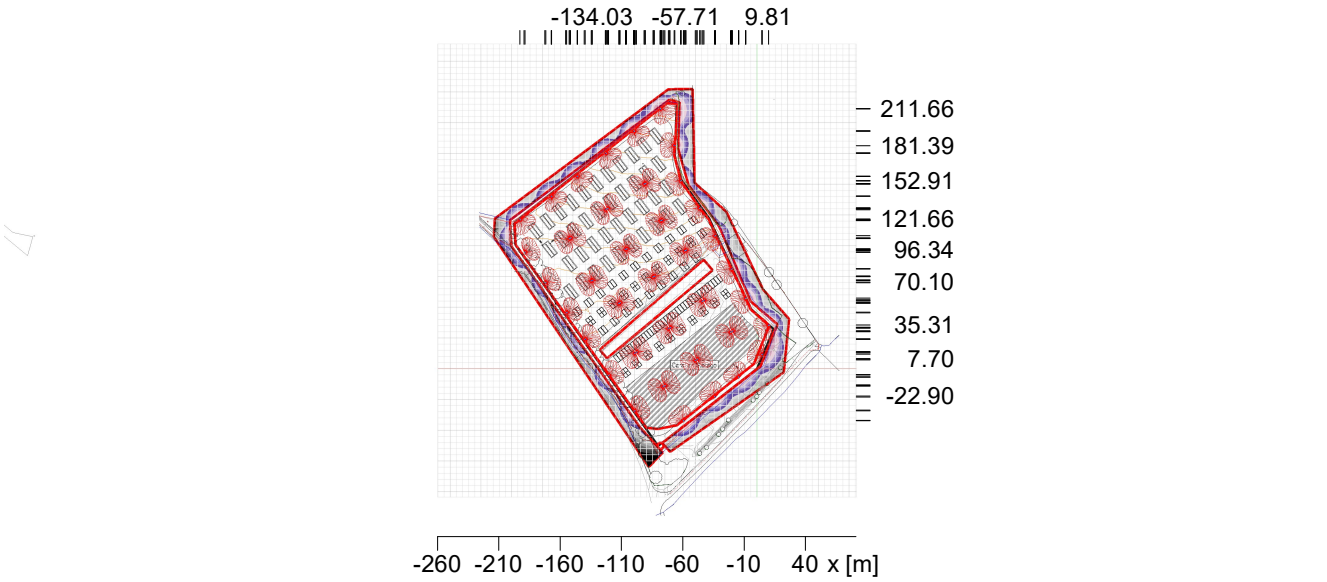
Order No. : !TC8MLD + TMLOR300-60mm Out + Cutout
Luminaire name : X-COLUMNS
-- --

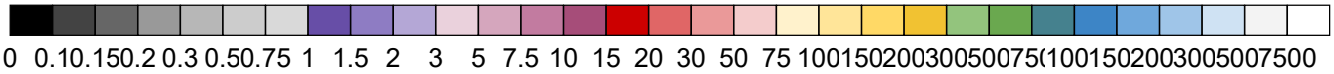
4 15 x 

Order No. : !TC8MLD + TMLDOR30060/76mm + Cutout
Luminaire name : X-COLUMNS
-- --

2.2 Summary, Exterior - Storage Yard

2.2.4 Result overview, Border





Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	604200 lm
Total power	6201 W
Total power per area (29921.50 m²)	0.21 W/m²
Upward light ratio (RUL)	0 %

Illuminance

Average illuminance	$\bar{E}_m$	1.53 lx
Minimum illuminance	E_{min}	0.05 lx
Maximum illuminance	E_{max}	10.3 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:32.3 (0.03)
Diversity U_d	E_{min}/E_{max}	1:219 (0)

Type No.\Make

	Tamlite Lighting	
2 53 x	Order No.	: !CTRB1140T4WWG-2700k
	Luminaire name	: CITY RLB T4
	Equipment	: 1 x LED 117 W / 11400 lm

The ULR value has been calculated without obstruction by other objects.

2.2 Summary, Exterior - Storage Yard

2.2.4 Result overview, Border

3 23 x 

Order No. : !TC8MLD + TMLOR300-60mm Out + Cutout
Luminaire name : X-COLUMNS
-- --

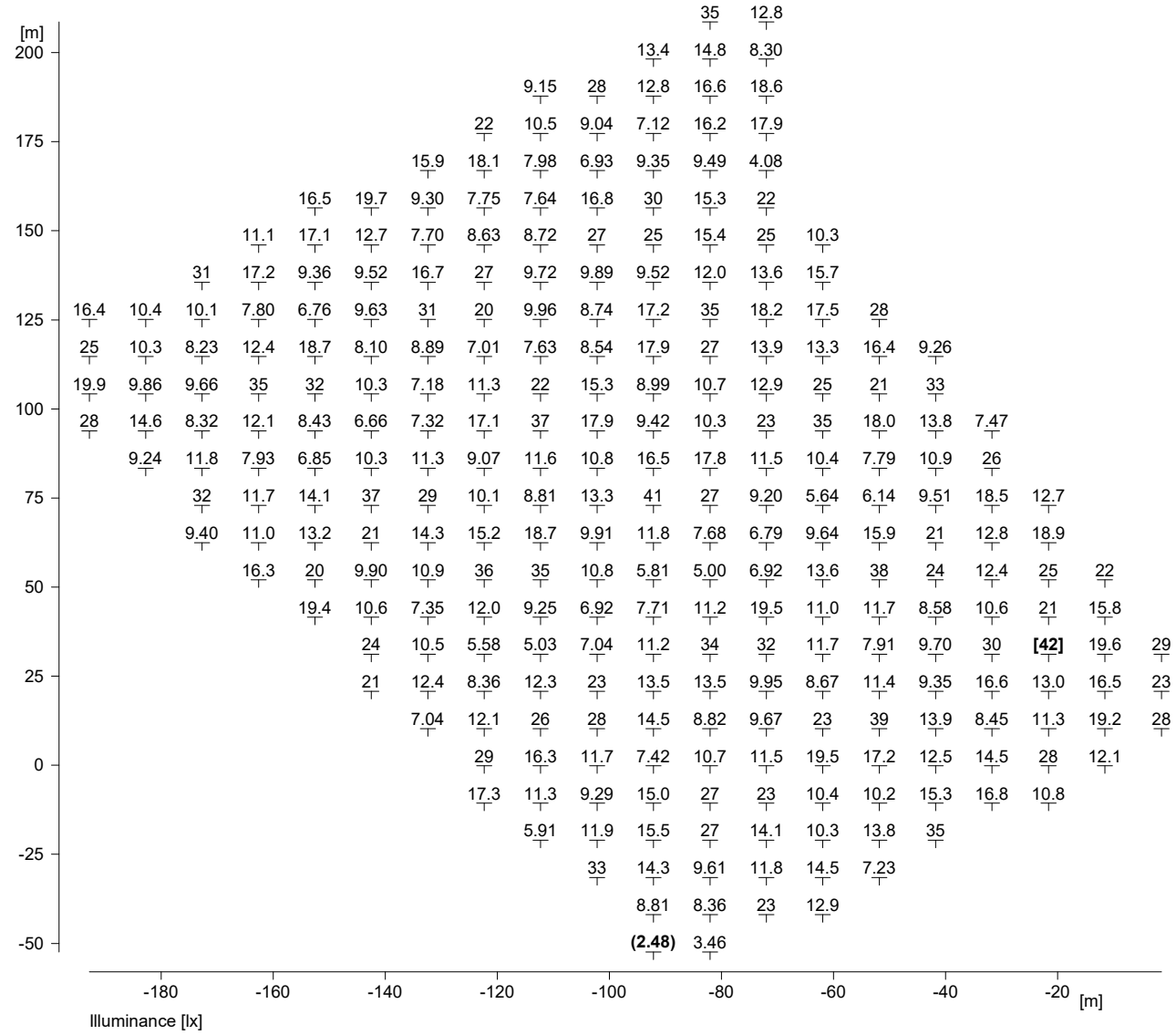
4 15 x 

Order No. : !TC8MLD + TMLDOR30060/76mm + Cutout
Luminaire name : X-COLUMNS
-- --

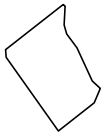
2 Exterior - Storage Yard

2.3 Calculation results, Exterior - Storage Yard

2.3.1 Table, Floor (E)



Average illuminance	$\bar{E}_m$	: 15.4 lx
Minimum illuminance	E_{min}	: 2.48 lx
Maximum illuminance	E_{max}	: 42 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 6.20 (0.16)



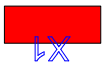
3 Exterior - Roadway

3.1 Description, Exterior - Roadway

3.1.1 Luminaire data/Room elements

Product data:

Type No.\Make

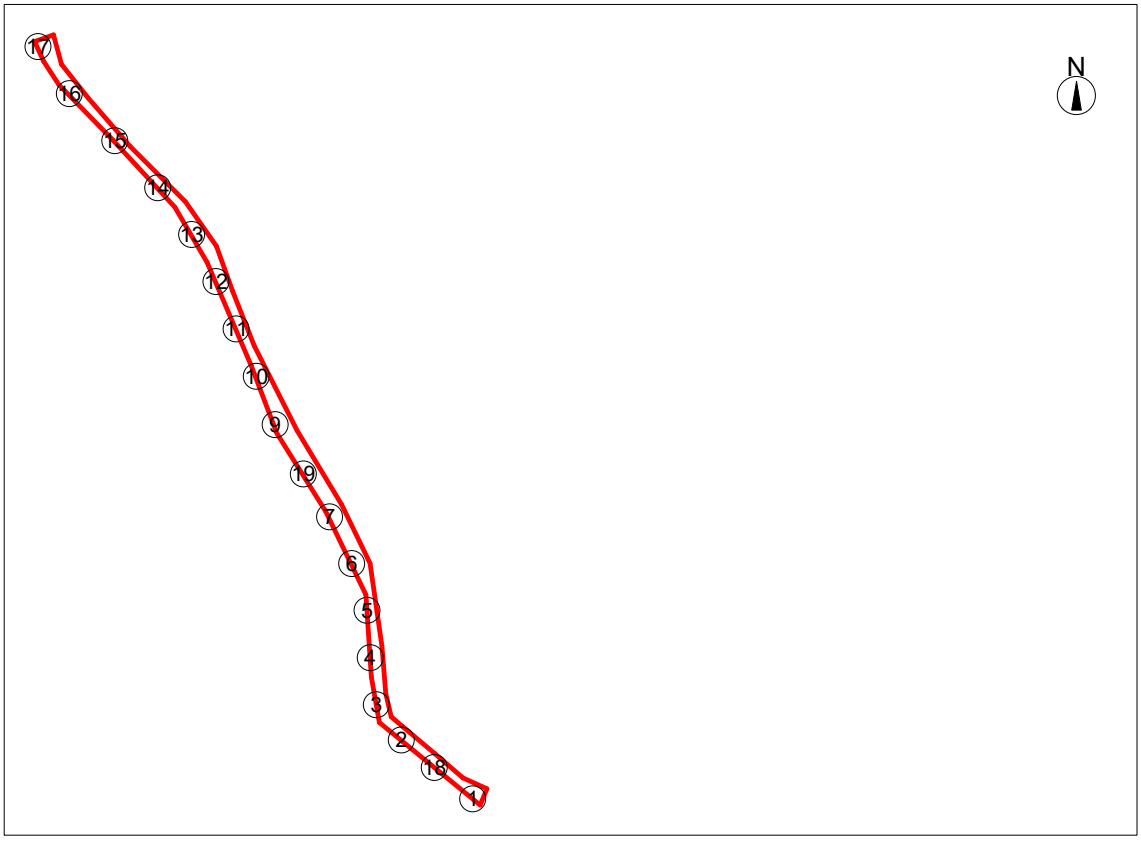
		Tamlite Lighting	
1	18 x	Order No.	: !CTRB200T2WWG-2700k
		Luminaire name	: CITY RLB T2
		Equipment	: 1 x LED 23 W / 2000 lm

3 Exterior - Roadway

3.1 Description, Exterior - Roadway

3.1.1 Luminaire data/Room elements

Floor with luminaire and sensor positions:



	Centre point			Rotation angle			Target coordinates		
No.	X [m]	Y [m]	Z [m]	Z [°]	C0 [°]	C90 [°]	Xa [m]	Ya [m]	Za [m]
Tamlite Lighting CITY RLB T2 !CTRB200T2WWG-2700k									
1	-9.00	-6.50	8.03	325.00	3.00	0.00	-7.14	-3.84	0.00
2	-54.50	31.00	8.03	320.00	3.00	0.00	-52.41	33.49	0.00
18	-33.50	13.50	8.03	320.00	3.00	0.00	-31.41	15.99	0.00
3	-70.40	53.50	8.03	280.00	3.00	0.00	-67.20	54.06	0.00
4	-74.40	83.50	8.03	275.00	3.00	0.00	-71.16	83.78	0.00
5	-76.40	113.70	8.03	275.00	3.00	0.00	-73.16	113.98	0.00
6	-86.20	143.50	8.03	295.00	3.00	0.00	-83.26	144.87	0.00
7	-100.40	173.40	8.03	295.00	3.00	0.00	-97.46	174.77	0.00
9	-135.00	232.30	8.03	295.00	3.00	0.00	-132.06	233.67	0.00
19	-117.04	200.70	8.03	300.00	3.00	0.00	-114.24	202.32	0.00
10	-147.20	263.10	8.03	295.00	3.00	0.00	-144.26	264.47	0.00
11	-159.90	293.40	8.03	295.00	3.00	0.00	-156.96	294.77	0.00
12	-172.80	323.50	8.03	295.00	3.00	0.00	-169.86	324.87	0.00
13	-188.40	353.50	8.03	295.00	3.00	0.00	-185.46	354.87	0.00
15	-237.50	413.50	8.03	310.00	3.00	0.00	-235.01	415.59	0.00
14	-210.00	383.50	8.03	310.00	3.00	0.00	-207.51	385.59	0.00
16	-266.50	443.50	8.03	310.00	3.00	0.00	-264.01	445.59	0.00
17	-286.50	473.50	8.03	290.00	3.00	0.00	-283.45	474.61	0.00

3 Exterior - Roadway

3.1 Description, Exterior - Roadway

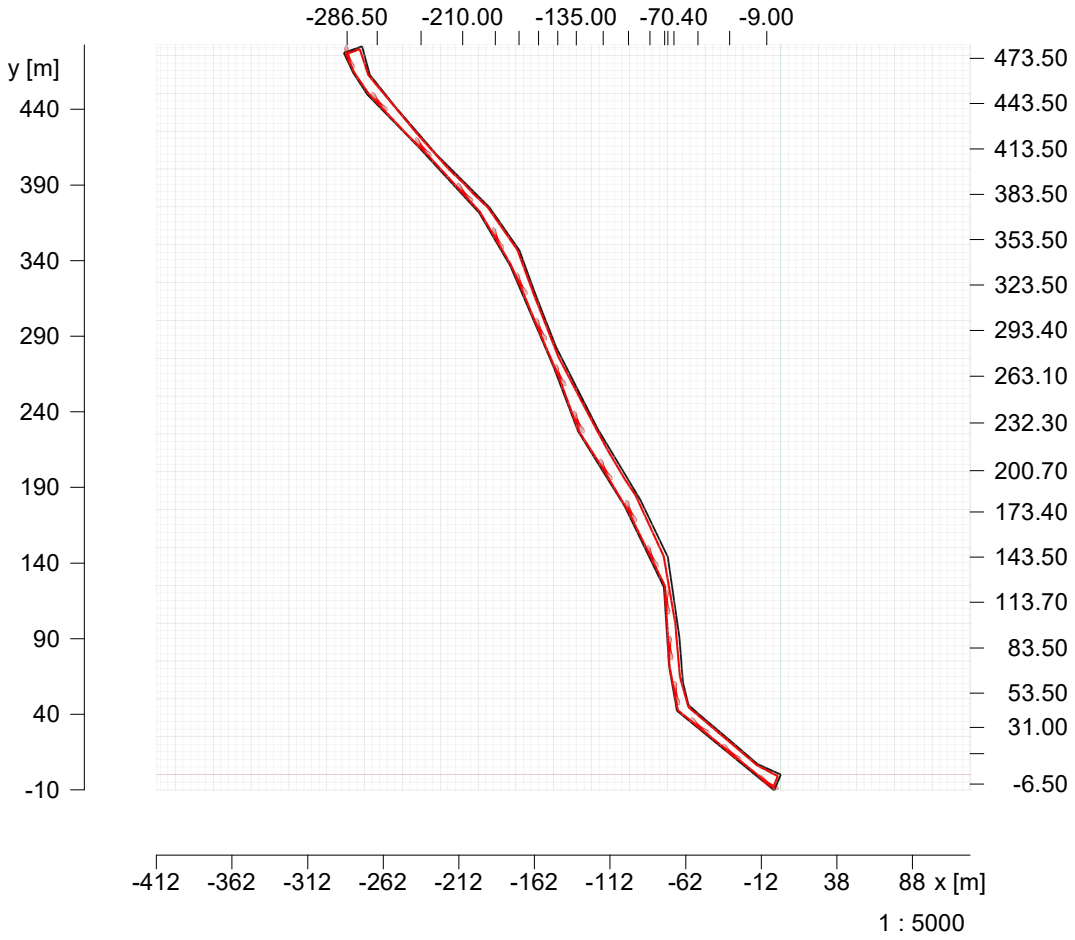
3.1.1 Luminaire data/Room elements

Measuring surface

No.	xm[m]	ym[m]	zm[m]	Length	Width	Height	Rotation angle z axis	L axis
Roadway								
M 1	-5.00	-8.50	0.00	538.00	490.71	0.00	321.07	0.00

3.1 Description, Exterior - Roadway

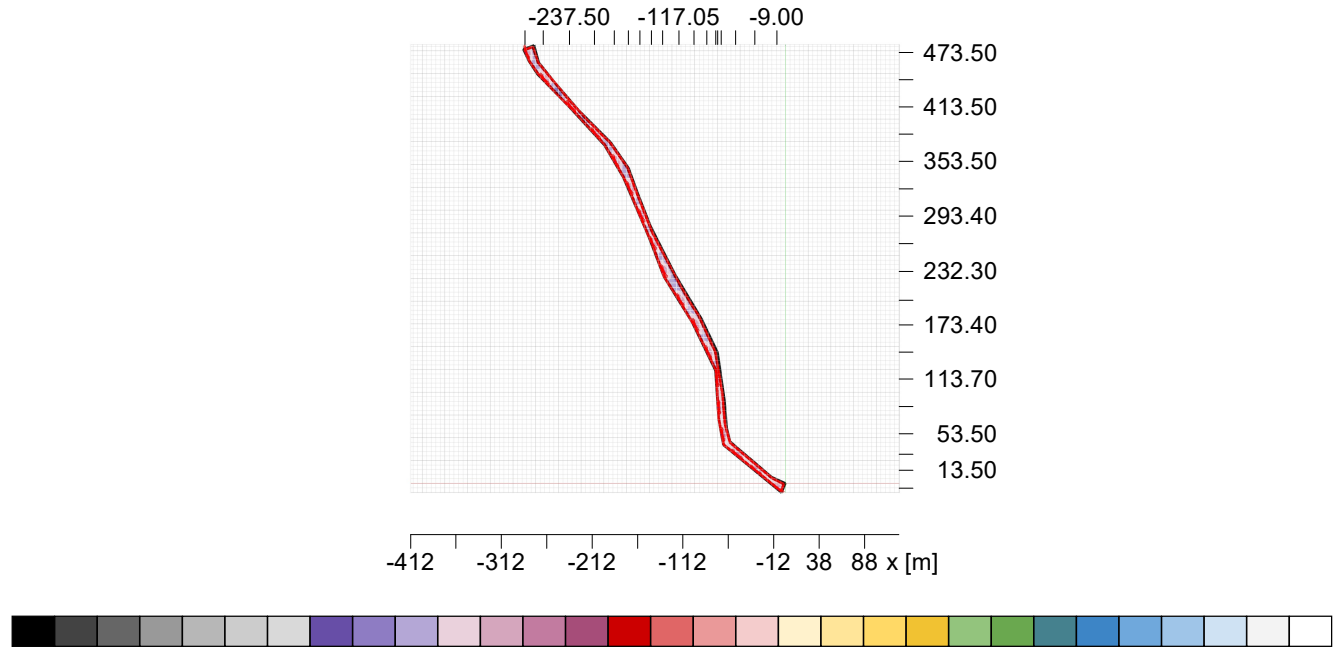
3.1.2 Floor plan



3 Exterior - Roadway

3.2 Summary, Exterior - Roadway

3.2.1 Result overview, Roadway



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Height (phot.centre) [m]:	8.03 m
Maintenance factor	0.80
Total luminous flux	36000 lm
Total power	414 W
Total power per area (4892.16 m²)	0.08 W/m²
Upward light ratio (RUL)	0 %

Illuminance

Average illuminance	$\bar{E}_m$	4.11 lx
Minimum illuminance	E_{min}	1.03 lx
Maximum illuminance	E_{max}	8.98 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:3.98 (0.25)
Diversity U_d	E_{min}/E_{max}	1:8.71 (0.11)

Type No.\Make

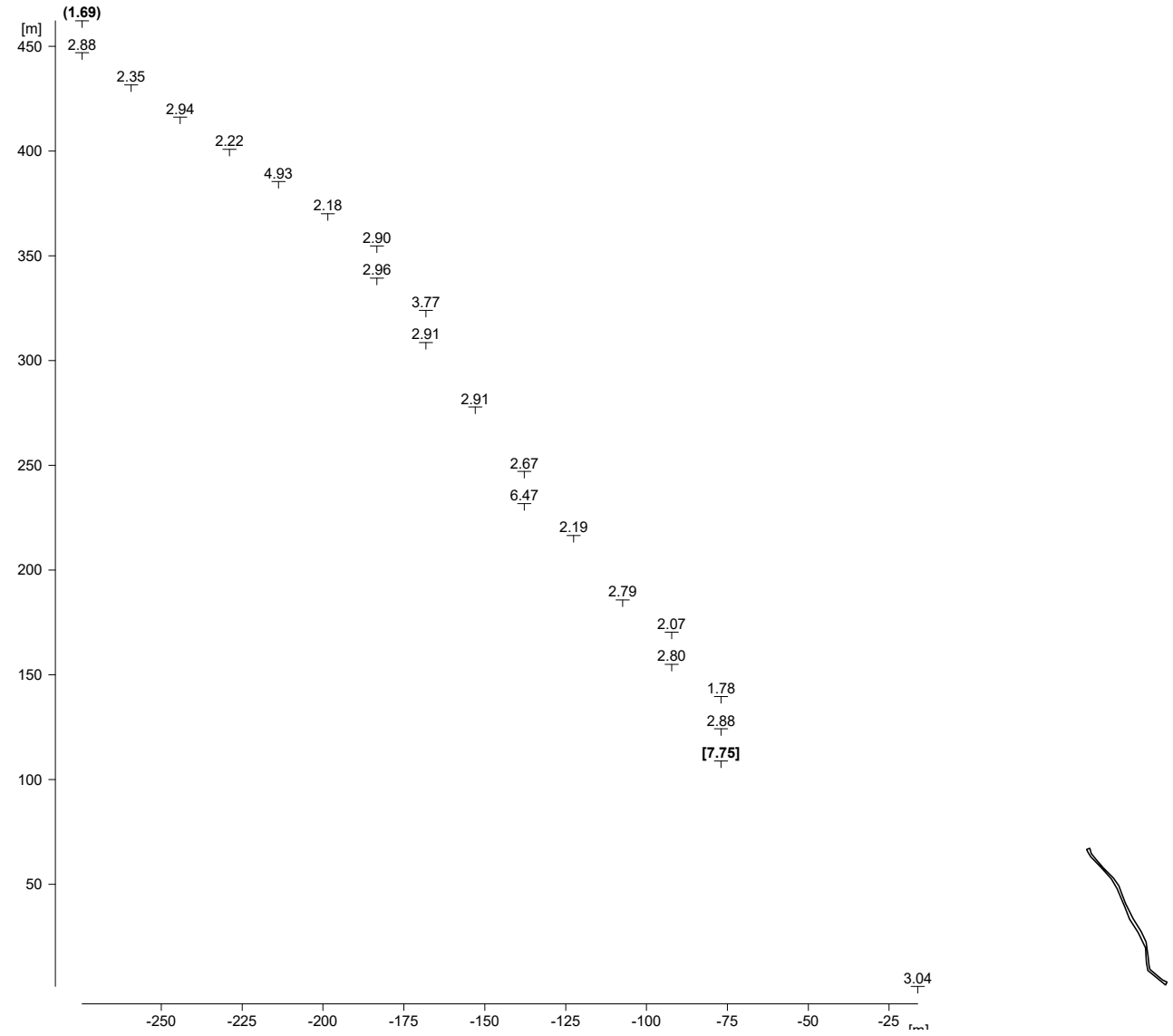
		Tamlite Lighting	
1	18 x	Order No.	: !CTRB200T2WWG-2700k
		Luminaire name	: CITY RLB T2
		Equipment	: 1 x LED 23 W / 2000 lm

The ULR value has been calculated without obstruction by other objects.

3 Exterior - Roadway

3.3 Calculation results, Exterior - Roadway

3.3.1 Table, Floor (E)



Average illuminance	$\bar{E}_m$	: 3.14 lx
Minimum illuminance	E_{min}	: 1.69 lx
Maximum illuminance	E_{max}	: 7.75 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 1.86 (0.54)