

Sweet Pea Bowling Green Care Home

Installation : External Lighting Calc

Project number : 21179

Customer : Wynbrook

Processed by : C.Ashby

Date : 11.05.2023

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.

1 Luminaire data

1.1 TamLite Lighting, CITY WP (CWP80NWBM3)

1.1.1 Data sheet

Manufacturer: TamLite Lighting



CWP80NWBM3 Bulkhead - Exterior CITY WP

CITY WP - Exterior wall light - 8W - 4000K - Fixed output - Emergency

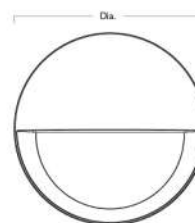
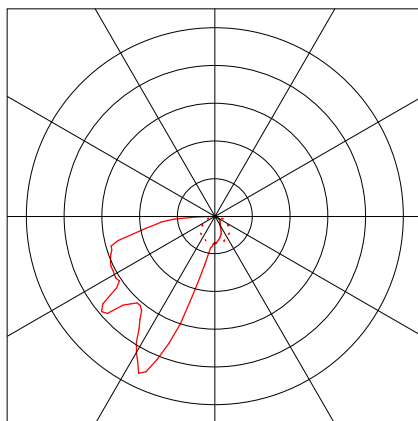
Luminaire data

Absolute Photometry
 Luminaire efficacy : 100 lm/W
 Classification : A20 ↓99.3% ↑0.7%
 CIE Flux Codes : 26 57 86 99 100
 UGR 4H 8H : <10.0 / 25.0
 Control gear : LED Driver
 Power : 8 W
 Luminous flux : 800 lm

Equipped with

Quantity : 1
 Designation : LED
 Colour :
 Socket : N/A

Dimensions : Ø320 mm x 90 mm



Object : Sweet Pea Bowling Green Care Home
Installation : External Lighting Calc
Project number : 21179
Date : 11.05.2023

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1 Luminaire data

1.1 TamLite Lighting, CITY WP (CWP80NWBM3)

1.1.1 Data sheet

Emergency Lighting

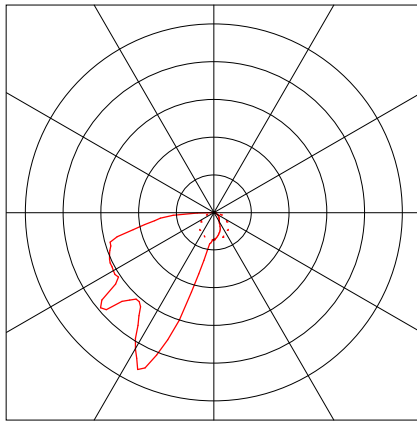
Emergency lighting with own light source

Absolute Photometry

Luminaire efficacy : 31.25 lm/W

Power : 8 W

Luminous flux : 250 lm



1 Luminaire data

1.2 TamLite Lighting, CITY RLB (CTRB400T4NWB)

1.2.1 Data sheet

Manufacturer: TamLite Lighting



CTRB400T4NWB Road lanterns CITY RLB

CITY RLB - Road lantern - 40W - 4000K - Fixed output

Luminaire data

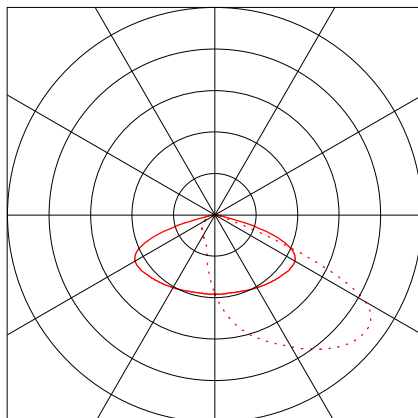
Absolute Photometry

Luminaire efficacy : 100 lm/W
Classification : A30 ↓100.0% ↑0.0%
CIE Flux Codes : 32 68 96 100 100
Glare : G*2 / D5
Power : 40 W
Luminous flux : 4000 lm

Equipped with

Quantity : 1
Designation : LED
Colour :

Dimensions : 595 mm x 230 mm x 140 mm



2 Exterior 1 Baffle Optic

2.1 Description, Exterior 1 Baffle Optic

2.1.1 Floor plan



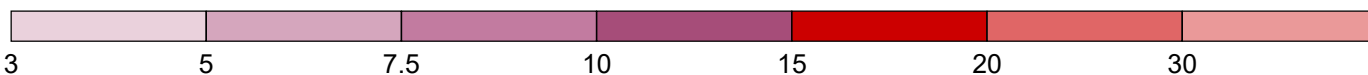
2 Exterior 1 Baffle Optic

2.2 Summary, Exterior 1 Baffle Optic

2.2.1 Result overview, Measuring area 1



-39 -19 1 21 41 61 81 101 121 141 x [m]



Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80

Total luminous flux	36800 lm
Total power	368 W
Total power per area (23432.00 m²)	0.02 W/m²

Illuminance

Average illuminance	Em	13.1 lx
Minimum illuminance	Emin	3.1 lx
Maximum illuminance	Emax	36.9 lx
Uniformity Uo	Emin/Em	1:4.18 (0.24)
Diversity Ud	Emin/Emax	1:11.8 (0.09)

Type No. \ Make

Tamlite Lighting

1	26 x	Order No.	: CWP80NWB3
		Luminaire name	: CITY WP
		Equipment	: 1 x LED 8 W / 800 lm
		Emergency	: 250 lm



3	4 x	Order No.	: CTRB400T4NWB
		Luminaire name	: CITY RLB
		Equipment	: 1 x LED 40 W / 4000 lm



2.2 Summary, Exterior 1 Baffle Optic

2.2.2 Result overview, Measuring area 2



-39 -19 1 21 41 61 81 101 121 141 x [m]



Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80

Total luminous flux	36800 lm
Total power	368 W
Total power per area (23432.00 m²)	0.02 W/m²

Illuminance

Average illuminance	Em	19.7 lx
Minimum illuminance	Emin	9.4 lx
Maximum illuminance	Emax	33.3 lx
Uniformity Uo	Emin/Em	1:2.09 (0.48)
Diversity Ud	Emin/Emax	1:3.53 (0.28)

Type No. \ Make

Tamlite Lighting

1	26 x	Order No.	: CWP80NWB M3
		Luminaire name	: CITY WP
		Equipment	: 1 x LED 8 W / 800 lm
		Emergency	: 250 lm



3	4 x	Order No.	: CTRB400T4NWB
		Luminaire name	: CITY RLB
		Equipment	: 1 x LED 40 W / 4000 lm

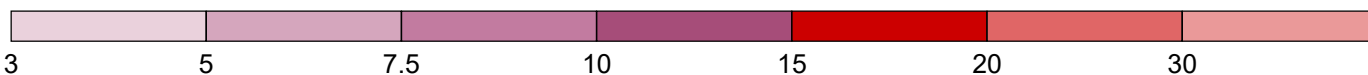


2.2 Summary, Exterior 1 Baffle Optic

2.2.3 Result overview, Measuring area 3



-39 -19 1 21 41 61 81 101 121 141 x [m]



Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	36800 lm
Total power	368 W
Total power per area (23432.00 m²)	0.02 W/m²

Illuminance

Average illuminance	Em	17 lx
Minimum illuminance	Emin	4.5 lx
Maximum illuminance	Emax	30 lx
Uniformity Uo	Emin/Em	1:3.79 (0.26)
Diversity Ud	Emin/Emax	1:6.68 (0.15)

Type No. \ Make

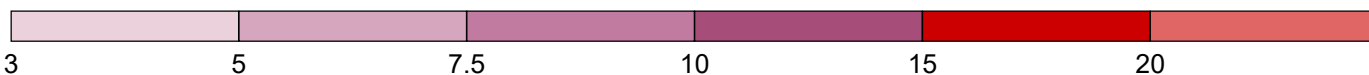
Tamlite Lighting	
1 26 x	Order No. : CWP80NWBM3
	Luminaire name : CITY WP
	Equipment : 1 x LED 8 W / 800 lm
	Emergency : 250 lm
3 4 x	Order No. : CTRB400T4NWB
	Luminaire name : CITY RLB
	Equipment : 1 x LED 40 W / 4000 lm

2.2 Summary, Exterior 1 Baffle Optic

2.2.4 Result overview, Measuring area 4



-39 -19 1 21 41 61 81 101 121 141 x [m]



Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	36800 lm
Total power	368 W
Total power per area (23432.00 m²)	0.02 W/m²

Illuminance

Average illuminance	Em	14.3 lx
Minimum illuminance	Emin	3.2 lx
Maximum illuminance	Emax	26.5 lx
Uniformity Uo	Emin/Em	1:4.42 (0.23)
Diversity Ud	Emin/Emax	1:8.17 (0.12)

Type No. \ Make

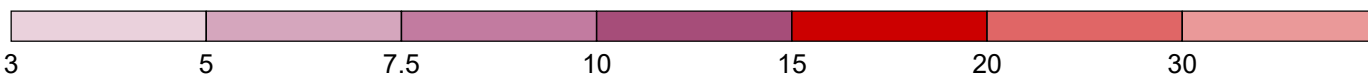
Tamlite Lighting	
1 26 x	Order No. : CWP80NWBM3
	Luminaire name : CITY WP
	Equipment : 1 x LED 8 W / 800 lm
	Emergency : 250 lm
3 4 x	Order No. : CTRB400T4NWB
	Luminaire name : CITY RLB
	Equipment : 1 x LED 40 W / 4000 lm

2.2 Summary, Exterior 1 Baffle Optic

2.2.5 Result overview, Measuring area 5



-39 -19 1 21 41 61 81 101 121 141 x [m]



Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	36800 lm
Total power	368 W
Total power per area (23432.00 m²)	0.02 W/m²

Illuminance

Average illuminance	Em	17.1 lx
Minimum illuminance	Emin	3.6 lx
Maximum illuminance	Emax	41.1 lx
Uniformity Uo	Emin/Em	1:4.78 (0.21)
Diversity Ud	Emin/Emax	1:11.5 (0.09)

Type No. \ Make

Tamlite Lighting	
1 26 x	Order No. : CWP80NWBM3
	Luminaire name : CITY WP
	Equipment : 1 x LED 8 W / 800 lm
	Emergency : 250 lm
3 4 x	Order No. : CTRB400T4NWB
	Luminaire name : CITY RLB
	Equipment : 1 x LED 40 W / 4000 lm

2.2 Summary, Exterior 1 Baffle Optic

2.2.6 Result overview, Measuring area 6



-39 -19 1 21 41 61 81 101 121 141 x [m]

0.5

0.75

Illuminance [lx]

General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux
 Total power
 Total power per area (23432.00 m²)

36800 lm
 368 W
 0.02 W/m²

Illuminance

Average illuminance	Em	0.76 lx
Minimum illuminance	Emin	0.65 lx
Maximum illuminance	Emax	0.91 lx
Uniformity Uo	Emin/Em	1:1.17 (0.85)
Diversity Ud	Emin/Emax	1:1.39 (0.72)

Type No. \ Make

1 26 x

Tamlite Lighting

Order No. : CWP80NWBM3
 Luminaire name : CITY WP
 Equipment : 1 x LED 8 W / 800 lm
 Emergency : 250 lm

3 4 x

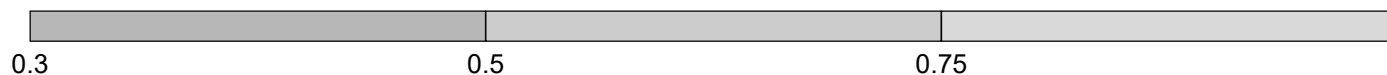
Order No. : CTRB400T4NWB
 Luminaire name : CITY RLB
 Equipment : 1 x LED 40 W / 4000 lm

2.2 Summary, Exterior 1 Baffle Optic

2.2.7 Result overview, Measuring area 7



-39 -19 1 21 41 61 81 101 121 141 x [m]



Illuminance [lx]

General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux
 Total power
 Total power per area (23432.00 m²)

36800 lm
 368 W
 0.02 W/m²

Illuminance

Average illuminance	Em	0.7 lx
Minimum illuminance	Emin	0.48 lx
Maximum illuminance	Emax	0.78 lx
Uniformity Uo	Emin/Em	1:1.47 (0.68)
Diversity Ud	Emin/Emax	1:1.64 (0.61)

Type No. \ Make

1 26 x **Tamlite Lighting**
 Order No. : CWP80NWBM3
 Luminaire name : CITY WP
 Equipment : 1 x LED 8 W / 800 lm
 Emergency : 250 lm

3 4 x
 Order No. : CTRB400T4NWB
 Luminaire name : CITY RLB
 Equipment : 1 x LED 40 W / 4000 lm

2.2 Summary, Exterior 1 Baffle Optic

2.2.8 Result overview, Measuring area 8



-39 -19 1 21 41 61 81 101 121 141 x [m]

0.75

1

Illuminance [lx]

General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux
 Total power
 Total power per area (23432.00 m²)

36800 lm
 368 W
 0.02 W/m²

Illuminance

Average illuminance	Em	0.98 lx
Minimum illuminance	Emin	0.9 lx
Maximum illuminance	Emax	1.16 lx
Uniformity Uo	Emin/Em	1:1.08 (0.92)
Diversity Ud	Emin/Emax	1:1.28 (0.78)

Type No. \ Make

1 26 x

Tamlite Lighting

Order No. : CWP80NWBM3
 Luminaire name : CITY WP
 Equipment : 1 x LED 8 W / 800 lm
 Emergency : 250 lm

3 4 x

Order No. : CTRB400T4NWB
 Luminaire name : CITY RLB
 Equipment : 1 x LED 40 W / 4000 lm

2.2 Summary, Exterior 1 Baffle Optic

2.2.9 Result overview, Measuring area 9



-39 -19 1 21 41 61 81 101 121 141 x [m]

0.3

0.5

0.75

Illuminance [lx]

General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux
 Total power
 Total power per area (23432.00 m²)

36800 lm
 368 W
 0.02 W/m²

Illuminance

Average illuminance	Em	0.65 lx
Minimum illuminance	Emin	0.41 lx
Maximum illuminance	Emax	0.77 lx
Uniformity Uo	Emin/Em	1:1.57 (0.64)
Diversity Ud	Emin/Emax	1:1.85 (0.54)

Type No. \ Make

1 26 x

Tamlite Lighting

Order No. : CWP80NWBM3
 Luminaire name : CITY WP
 Equipment : 1 x LED 8 W / 800 lm
 Emergency : 250 lm

3 4 x

Order No. : CTRB400T4NWB
 Luminaire name : CITY RLB
 Equipment : 1 x LED 40 W / 4000 lm

2.2 Summary, Exterior 1 Baffle Optic

2.2.10 Result overview, Measuring area 10



-39 -19 1 21 41 61 81 101 121 141 x [m]

0.3

0.5

Illuminance [lx]

General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux
 Total power
 Total power per area (23432.00 m²)

36800 lm
 368 W
 0.02 W/m²

Illuminance

Average illuminance	Em	0.51 lx
Minimum illuminance	Emin	0.35 lx
Maximum illuminance	Emax	0.69 lx
Uniformity Uo	Emin/Em	1:1.45 (0.69)
Diversity Ud	Emin/Emax	1:1.96 (0.51)

Type No. \ Make

1 26 x

Tamlite Lighting

Order No. : CWP80NWBW3
 Luminaire name : CITY WP
 Equipment : 1 x LED 8 W / 800 lm
 Emergency : 250 lm

3 4 x

Order No. : CTRB400T4NWB
 Luminaire name : CITY RLB
 Equipment : 1 x LED 40 W / 4000 lm

2.2 Summary, Exterior 1 Baffle Optic

2.2.11 Result overview, Measuring area 11



-39 -19 1 21 41 61 81 101 121 141 x [m]



General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux 36800 lm
 Total power 368 W
 Total power per area (23432.00 m²) 0.02 W/m²

Illuminance

Average illuminance	Em	0.98 lx
Minimum illuminance	Emin	0.78 lx
Maximum illuminance	Emax	1.95 lx
Uniformity Uo	Emin/Em	1:1.25 (0.8)
Diversity Ud	Emin/Emax	1:2.48 (0.4)

Type No. \ Make

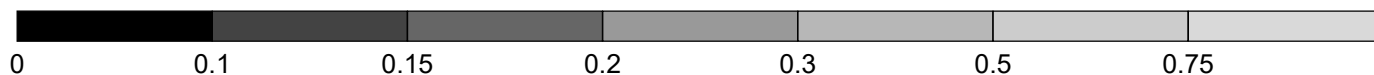
Tamlite Lighting	
1 26 x	Order No. : CWP80NWB M3
	Luminaire name : CITY WP
	Equipment : 1 x LED 8 W / 800 lm
	Emergency : 250 lm
3 4 x	Order No. : CTRB400T4NWB
	Luminaire name : CITY RLB
	Equipment : 1 x LED 40 W / 4000 lm

2.2 Summary, Exterior 1 Baffle Optic

2.2.12 Result overview, Measuring area 12



-39 -19 1 21 41 61 81 101 121 141 x [m]



Illuminance [lx]

General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux
 Total power
 Total power per area (23432.00 m²)

36800 lm
 368 W
 0.02 W/m²

Illuminance

Average illuminance	Em	0.26 lx
Minimum illuminance	Emin	0.01 lx
Maximum illuminance	Emax	0.99 lx
Uniformity U _o	Emin/Em	1:19.3 (0.05)
Diversity U _d	Emin/Emax	1:72.2 (0.01)

Type No.\Make

Tamlite Lighting	
1 26 x	Order No. : CWP80NWBM3
	Luminaire name : CITY WP
	Equipment : 1 x LED 8 W / 800 lm
	Emergency : 250 lm
3 4 x	Order No. : CTRB400T4NWB
	Luminaire name : CITY RLB
	Equipment : 1 x LED 40 W / 4000 lm

2.2 Summary, Exterior 1 Baffle Optic

2.2.13 Result overview, Measuring area 13



-39 -19 1 21 41 61 81 101 121 141 x [m]



Illuminance [lx]

General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
0.80

Total luminous flux
 Total power
 Total power per area (23432.00 m²)

36800 lm
 368 W
 0.02 W/m²

Illuminance

Average illuminance	Em	0.08 lx
Minimum illuminance	Emin	0.04 lx
Maximum illuminance	Emax	0.18 lx
Uniformity Uo	Emin/Em	1:2.19 (0.46)
Diversity Ud	Emin/Emax	1:4.83 (0.21)

Type No. \ Make

Tamlite Lighting	
1 26 x	Order No. : CWP80NWB M3
	Luminaire name : CITY WP
	Equipment : 1 x LED 8 W / 800 lm
	Emergency : 250 lm
3 4 x	Order No. : CTRB400T4NWB
	Luminaire name : CITY RLB
	Equipment : 1 x LED 40 W / 4000 lm

2.2 Summary, Exterior 1 Baffle Optic

2.2.14 Result overview, Measuring area 14



-39 -19 1 21 41 61 81 101 121 141 x [m]



Illuminance [lx]

General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux
 Total power
 Total power per area (23432.00 m²)

36800 lm
 368 W
 0.02 W/m²

Illuminance

Average illuminance	Em	0.18 lx
Minimum illuminance	Emin	0.05 lx
Maximum illuminance	Emax	0.68 lx
Uniformity Uo	Emin/Em	1:3.26 (0.31)
Diversity Ud	Emin/Emax	1:12.6 (0.08)

Type No. \ Make

Tamlite Lighting	
1 26 x	Order No. : CWP80NWB M3
	Luminaire name : CITY WP
	Equipment : 1 x LED 8 W / 800 lm
	Emergency : 250 lm
3 4 x	Order No. : CTRB400T4NWB
	Luminaire name : CITY RLB
	Equipment : 1 x LED 40 W / 4000 lm

2.2 Summary, Exterior 1 Baffle Optic

2.2.15 Result overview, Measuring area 15



-39 -19 1 21 41 61 81 101 121 141 x [m]

0.3

0.5

Illuminance [lx]

General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux
 Total power
 Total power per area (23432.00 m²)

36800 lm
 368 W
 0.02 W/m²

Illuminance

Average illuminance	Em	0.45 lx
Minimum illuminance	Emin	0.38 lx
Maximum illuminance	Emax	0.7 lx
Uniformity Uo	Emin/Em	1:1.17 (0.85)
Diversity Ud	Emin/Emax	1:1.82 (0.55)

Type No. \ Make

1 26 x

Tamlite Lighting

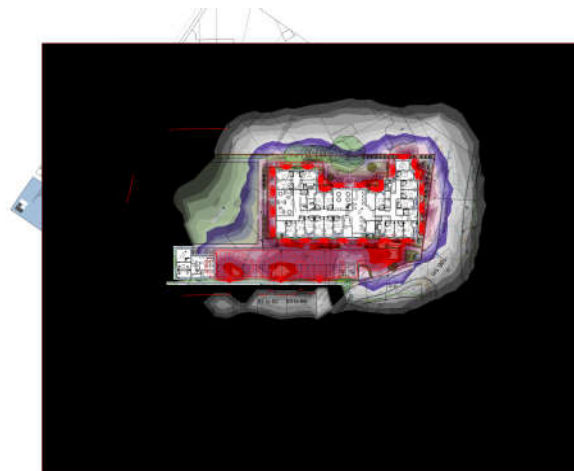
Order No. : CWP80NWBW3
 Luminaire name : CITY WP
 Equipment : 1 x LED 8 W / 800 lm
 Emergency : 250 lm

3 4 x

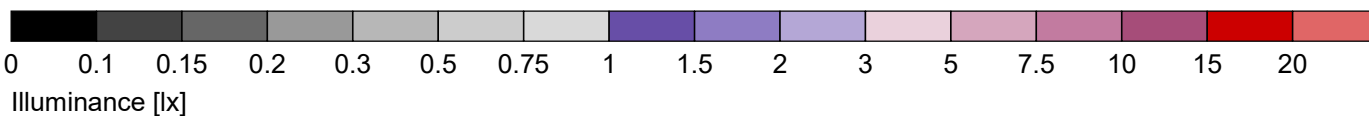
Order No. : CTRB400T4NWB
 Luminaire name : CITY RLB
 Equipment : 1 x LED 40 W / 4000 lm

2.2 Summary, Exterior 1 Baffle Optic

2.2.16 Result overview, Evaluation area 1



-39 -19 1 21 41 61 81 101 121 141 x [m]



General

Calculation algorithm used
 Maintenance factor

Average indirect fraction
 0.80

Total luminous flux

36800.00 lm

Total power

368.0 W

Total power per area (32825.00 m²)

0.01 W/m² (1.48 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

Horizontal
 Em 0.76 lx
 Emin 0 lx
 Emin/Em (Uo) ---
 Emin/Emax (Ud) ---
 Position 0.00 m

Type No.\Make

Tamlite Lighting

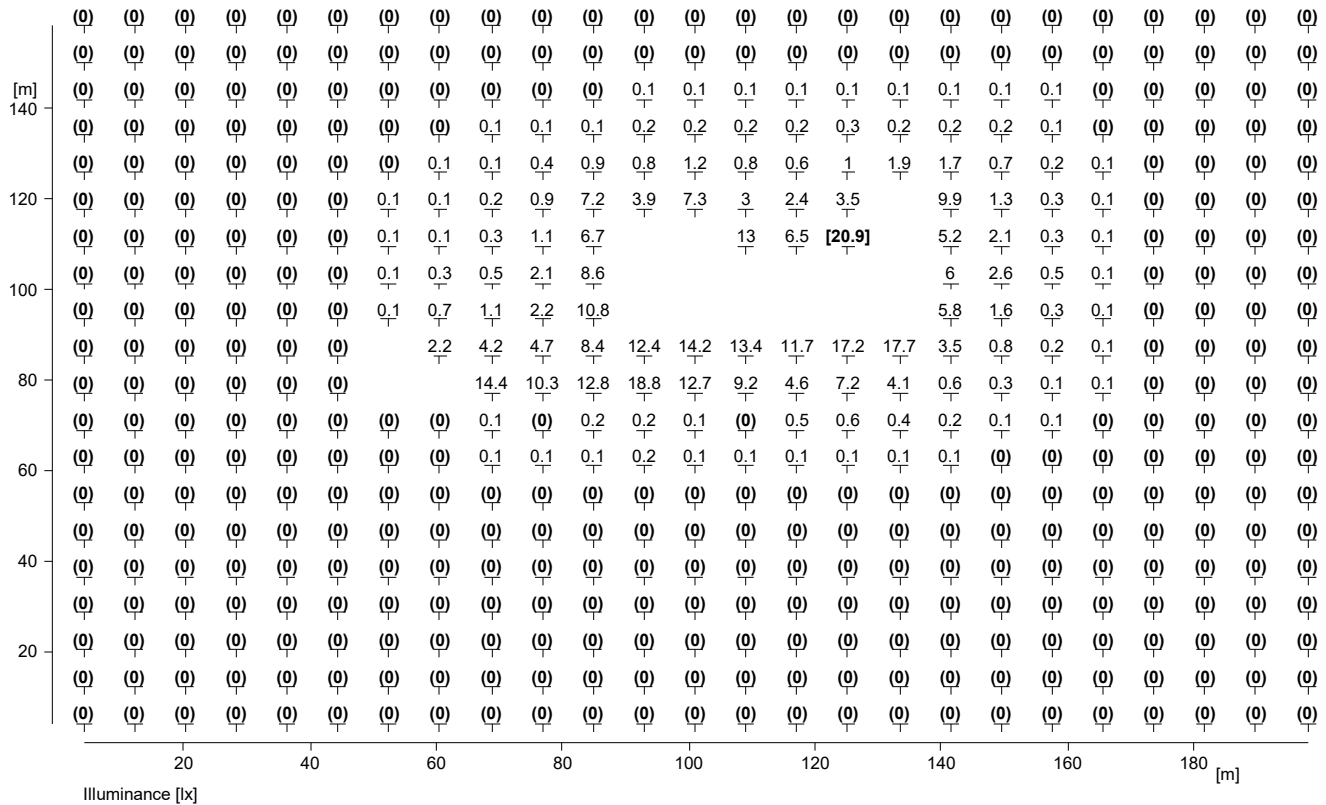
1 26 x
 Order No. : CWP80NWBM3
 Luminaire name : CITY WP
 Equipment : 1 x LED 8 W / 800 lm
 Emergency : 250 lm

3 4 x
 Order No. : CTRB400T4NWB
 Luminaire name : CITY RLB
 Equipment : 1 x LED 40 W / 4000 lm

2 Exterior 1 Baffle Optic

2.3 Calculation results, Exterior 1 Baffle Optic

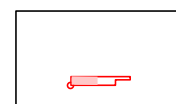
2.3.1 Table, Reference plane 1.1 (E)



Height reference plane : 0.00 m
 Average illuminance : 0.8 lx
 Minimum illuminance : 0 lx
 Maximum illuminance : 20.9 lx
 Uniformity Uo : ---
 Diversity Ud : ---

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2.3.2 Table, Measuring area 1 (E)



Height reference plane		: 0.00 m
Average illuminance	Em	: 13.1 lx
Minimum illuminance	Emin	: 3.1 lx
Maximum illuminance	Emax	: 36.9 lx
Uniformity Uo	Emin/Em	: 1 : 4.18 (0.24)
Diversity Ud	Emin/Emax	: 1 : 11.76 (0.09)

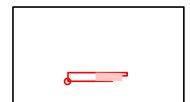
Object : Sweet Pea Bowling Green Care Home
Installation : External Lighting Calc
Project number : 21179
Date : 11.05.2023



2.3 Calculation results, Exterior 1 Baffle Optic

2.3.2 Table, Measuring area 1 (E)

11.5	11.5	11.8	12.4	12.3	12.2	11.4	11	10.9	11.1	11.3	11	10.5	9.6	9.3	9.3	9.8	10.1	10.3	10.1	10.1	10.7	11.7	13.7	15.6	17.6	20.3	22.5	24.6	26.2	26.4
10.7	10.8	10.9	11.3	11.6	11.1	10.7	10.5	10.3	10	10.1	9.8	9	8.4	8.1	8	8.1	8.6	8.7	8.6	9.1	9.9	11.1	13	15.6	18.6	21.7	25.1	28.3	30.4	30.3
10.7	10.8	11.1	11.3	11.5	11.4	11.1	10.9	10.5	10.1	9.6	9.1	8.4	7.9	7.5	7.3	7.2	7.4	7.6	7.9	8.4	9.4	10.8	12.8	15.5	19.1	23.2	27.7	32	34.5	34.4
11.2	11.4	11.8	12.2	12.4	12.5	12.4	12.1	11.5	10.8	9.9	9.1	8.4	7.7	7.2	6.8	6.7	6.6	6.8	7.3	7.9	8.9	10.3	12.4	15.2	18.9	23.5	28.9	33.8	[36.9]	36.1
12	12.4	13.1	13.7	14.3	14.6	14.5	14.1	13.2	12.1	10.8	9.6	8.6	7.7	7.1	6.6	6.3	6.2	6.3	6.7											
13.1	13.8	14.7	15.9	17	17.6	17.5	16.9	15.6	13.9	12	10.4	9	7.9	7.1	6.4	6	5.9	5.9	6.2											
14.2	15.2	16.7	18.5	20.1	21.3	21.3	20.4	18.5	16	13.5	11.3	9.5	8.1	7	6.4	5.8	5.5	5.4	5.6											
15.3	16.5	18.6	21.1	23.6	25.4	25.7	24.4	21.7	18.3	15	12.1	9.9	8.3	7	6	5.4	5	4.8	4.9											
15.6	17.2	19.6	23.1	26.7	29.1	29.7	28	24.4	20	16	12.6	10	8	6.5	5.5	4.8	4.4	4.1	4.1											
13.7	15.5	18.3	22.1	26	29.2	30	27.9	23.8	19.2	14.9	11.3	8.7	6.8	5.5	4.5	3.9	3.5	3.3	(3.1)											
								40									50									60				



Part2

Object : Sweet Pea Bowling Green Care Home
Installation : External Lighting Calc
Project number : 21179
Date : 11.05.2023

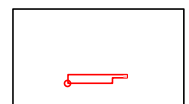


2.3 Calculation results, Exterior 1 Baffle Optic

2.3.2 Table, Measuring area 1 (E)

25,3	22,8	19,6	16,7	13
└	└	└	└	└
28,1	24,6	20,3	15,4	11
└	└	└	└	└
31,2	25,6	19,1	12,9	8,7
└	└	└	└	└
30,5	22,4	14,7	8,5	5,1
└	└	└	└	└

70 [m]

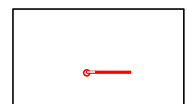


Part3

2.3 Calculation results, Exterior 1 Baffle Optic

2.3.3 Table, Measuring area 2 (E)

[m]	9.7	10.5	12.7	15.5	18.7	20.2	20.8	21.1	20.3	18.3	17.3	18.1	21	21.6	22.2	22.5	21.8	19.2	16.9	15	13.8	13.6	13.6	14.5	16.1	18.3	21.1	22.8	23.1	
1.8	11.2	12.3	14.6	17.2	19.7	21.2	22.1	23.2	24.8	25.8	26.7	26.6	26.3	25.1	24.1	23.8	23.5	21.5	19.6	17.9	16.8	16.4	16.6	17.4	18.8	20.7	22.5	23.5	24.2	
1.6																														
1.4																														
1.2	11.7	12.8	14.6	16.4	18.1	19.7	21.5	23.9	25.6	27	27.8	28	27	26.3	24.3	22.9	21.7	20.8	19.7	18.6	17.8	17.3	17.6	18.3	19.2	20.3	21.4	22.4	23.8	
1.0																														
0.8	11.7	12.7	14.1	15.4	16.8	18.1	19.7	20.9	21.8	22.5	22.4	22.9	23	22.8	22.2	21.2	20.4	19.7	19	18.3	17.8	17.6	17.7	18.1	18.8	19.5	20.2	21	21.9	
0.6																														
0.4	11.7	12.4	13.6	14.7	15.6	16.5	17.1	17.7	18.1	17.9	17.9	18.3	19	19.3	19.2	19.1	18.9	18.6	18.3	17.9	17.7	17.6	17.7	17.9	18.3	18.6	19	19.4	19.5	
0.2	11.5	12.1	13	13.7	14.3	14.8	15.2	15.5	15.5	15.3	15.2	15.6	16.3	16.8	17.1	17.2	17.3	17.4	17.5	17.4	17.4	17.4	17.4	17.5	17.6	17.7	17.6	17.6	17.6	
	5																													
	Illuminance [lx]																													



Part1

Height reference plane	: 0.00 m
Average illuminance	Em : 19.7 lx
Minimum illuminance	Emin : 9.4 lx
Maximum illuminance	Emax : 33.3 lx
Uniformity Uo	Emin/Em : 1 : 2.09 (0.48)
Diversity Ud	Emin/Emax : 1 : 3.53 (0.28)

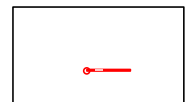
Object : Sweet Pea Bowling Green Care Home
Installation : External Lighting Calc
Project number : 21179
Date : 11.05.2023



2.3 Calculation results, Exterior 1 Baffle Optic

2.3.3 Table, Measuring area 2 (E)

23.1	22	20.8	18.5	18.7	21.1	21.5	22.1	22.2	21.5	18.8	16.5	14.4	13.2	12.8	12.8	13.5	14.9	17	19.8	21.7	22.2	22.1	21.2	20.2	17.9	17.9	20.4	21.1	21.9	22
24.9	26.2	27.4	27.7	27.4	26.6	25.2	23.8	23.2	22.5	21	19.1	17.3	16.2	15.6	15.7	16.4	17.7	19.5	21.4	22.6	23.2	23.9	25.1	26.4	26.9	26.8	26.3	24.9	23.6	23
25.7	27.1	27.6	28.4	28.2	27.2	26.3	24.2	22.6	21.3	20.3	19.2	18.1	17.2	16.7	16.8	17.3	18.2	19.4	20.4	21.3	22.7	24.6	26.2	26.8	27.7	27.7	26.8	26.1	24.1	22.4
22.8	23.3	23.3	23.2	23.3	23.1	22.8	22.1	21	20.1	19.3	18.6	17.9	17.3	17	17	17.3	17.9	18.6	19.3	20.1	21	22	22.6	22.6	22.6	22.7	22.6	22.4	21.8	20.7
19.7	19.7	19.3	18.9	18.9	19.3	19.5	19.3	19.1	18.8	18.4	18	17.6	17.3	17.1	17.2	17.3	17.6	17.9	18.3	18.6	18.8	19	19	18.7	18.3	18.3	18.7	18.9	18.8	18.6
17.6	17.2	16.7	16.3	16.4	16.8	17.2	17.3	17.3	17.3	17.3	17.3	17.2	17.1	17	17	17	17.1	17.1	17.1	17.1	17	17	16.6	16.2	15.7	15.8	16.2	16.6	16.8	16.8
10										15																				

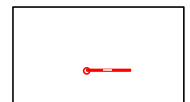


Part2

2.3 Calculation results, Exterior 1 Baffle Optic

2.3.3 Table, Measuring area 2 (E)

21.4	19.2	16.5	14.3	12.9	12.3	12.2	12.7	14	16.1	18.7	20.9	21.4	21.3	20.5	19.7	17.4	17.4	19.8	20.7	21.5	21.7	21.1	19	16.3	14.1	12.7	12	11.9	12.3	13.5
22.3	20.9	19	17.2	15.9	15.2	15.1	15.7	16.9	18.7	20.5	21.8	22.4	23	24.3	25.7	26.3	26.3	25.8	24.5	23.2	22.6	21.8	20.6	18.7	16.8	15.5	14.8	14.7	15.2	16.3
21	20	18.9	17.8	16.8	16.2	16.2	16.7	17.5	18.6	19.6	20.5	21.9	23.7	25.4	26.1	27	27	26.1	25.5	23.8	22	20.5	19.6	18.5	17.4	16.4	15.8	15.7	16.2	17
19.8	18.9	18.2	17.4	16.8	16.4	16.4	16.7	17.2	17.9	18.5	19.2	20.1	21.1	21.7	21.9	21.9	21.9	21.8	21.2	20.1	19.2	18.4	17.7	17	16.3	15.9	15.9	16.2	16.8	
18.3	17.9	17.5	17.1	16.7	16.5	16.5	16.6	16.9	17.2	17.5	17.9	18.1	18.2	18.2	17.9	17.5	17.5	17.9	18.2	18.1	17.9	17.6	17.2	16.9	16.5	16.2	16	15.9	16.1	16.4
16.8	16.7	16.7	16.6	16.5	16.4	16.3	16.3	16.3	16.4	16.3	16.3	16.2	16.1	15.9	15.4	14.9	14.9	15.3	15.7	15.9	15.9	16	16	16	15.9	15.8	15.7	15.8	15.8	16
20										25																				



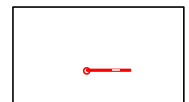
Part3



2.3 Calculation results, Exterior 1 Baffle Optic

2.3.3 Table, Measuring area 2 (E)

15.5	17.8	20.5	21.3	21.1	20.8	20	17.4	16.8	18.8	20.1	21	21	20.6	19.3	16.4	14	12.1	10.7	9.9	(9.4)	9.5	10.2	11.2	12.6	14.6	17.2	20.3	23.5	24.9	25.2
18	19.9	21.6	22.2	22.6	23.8	25.2	25.8	26.1	25.7	24.5	23.2	22.2	21.5	20.4	18.5	16.4	14.7	13.4	12.7	12.4	12.6	13.1	14	15.4	17.3	19.7	22.4	24.7	26	27
18.1	19.3	20.2	21.5	23	24.9	25.8	26.7	26.9	26	25.3	24	22	20.6	19.4	18.3	17.1	15.9	14.9	14.1	14	14.1	14.7	15.6	16.9	18.5	20.3	22.1	23.8	25.6	27.5
17.5	18.2	19	19.8	21	21.6	21.9	21.8	21.7	22	21.7	21.2	20.3	19.4	18.6	17.7	16.9	16.2	15.5	15.1	14.7	14.8	15.5	16.4	17.6	18.9	20.2	21.6	23.2	24.6	26.1
16.8	17.2	17.6	17.9	18.2	18.3	18.2	17.8	17.5	17.8	18.2	18.3	18.2	17.9	17.6	17.2	16.8	16.3	15.9	15.6	15.6	15.7	16.2	17	18	19.2	20.3	21.3	22.3	23.2	24
16.1	16.1	16.2	16.2	16.2	16.1	15.8	15.3	15.2	15.4	15.9	16.3	16.4	16.5	16.6	16.6	16.5	16.3	16.2	16.2	16.3	16.4	16.9	17.6	18.4	19.3	20.1	20.8	21.5	22.2	22.7
30																	35													

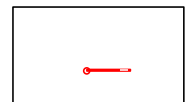


Part4

2.3 Calculation results, Exterior 1 Baffle Optic

2.3.3 Table, Measuring area 2 (E)

25.4	25.1	23	22.8	25.1	26.7	27.8	27.8	27.4	26	23	20.3	18.3	16.6	15.6	14.7	14.5	14.8	15.5	16.6	18.3	20.6	23.3	24.4	24.4	24.2	23	20.6	19.1	19.4
28.7	30.5	31.6	32.3	32.3	31.3	30.1	29.1	28.4	27.2	25.1	22.8	20.9	19.4	18.3	17.7	17.4	17.6	18.1	19.1	20.5	22.4	24.1	25	25.4	26.1	27.2	28.1	28.1	27.3
30	31.3	32.7	[33.3]	32.7	32.3	31	29.1	27.6	26.3	24.9	23.5	22	20.6	19.6	19	18.7	18.7	19.2	20	21	21.9	22.8	23.8	24.9	26.6	27.6	27.9	28.4	27.7
27.2	27.9	28.3	28.5	29	28.9	28.5	27.6	26.6	25.6	24.4	23.3	22.3	21.2	20.2	19.5	19.1	19.2	19.5	20	20.5	21	21.7	22.3	23	23.4	23.7	23.5	22.8	22.5
24.6	24.9	24.7	24.8	25.4	25.9	26	25.8	25.4	24.8	24.1	23.3	22.4	21.5	20.7	20.1	19.7	19.5	19.6	19.8	20.1	20.3	20.4	20.5	20.3	20.4	19.9	19.1	18.4	18
23	23.1	23	23.1	23.6	24.2	24.5	24.5	24.4	24.1	23.7	23.2	22.5	21.8	21.2	20.6	20.2	19.9	19.7	19.6	19.5	19.4	19.1	18.8	18.6	18.2	17.4	16.5	15.7	15.4
40										45																			

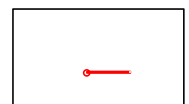


Part5

2.3 Calculation results, Exterior 1 Baffle Optic

2.3.3 Table, Measuring area 2 (E)

21.5	21.9	21.6	21.4	19.9	16.6	13.8
26.2	24.3	22.6	21.5	20.3	17.8	15.1
26.3	24.8	22.2	20.1	18.1	16.5	14.6
21.9	21	19.8	18.1	16.7	15.1	13.6
18	17.6	16.8	16	15.1	14	12.8
15.3	15.1	14.7	14.1	13.4	12.7	11.7
50						[m]



Part6

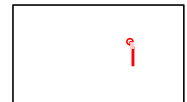
Object : Sweet Pea Bowling Green Care Home
Installation : External Lighting Calc
Project number : 21179
Date : 11.05.2023



2.3 Calculation results, Exterior 1 Baffle Optic

2.3.4 Table, Measuring area 3 (E)

	13.3	19.4	19.2	18.9	18	16.5	14.9	13.7	12.8	
	13.3	19.5	19.7	20	18.9	17.1	15.3	14	13.1	
	13.2	19.1	20.6	21.7	20.4	17.8	15.9	14.4	13.4	
	12.3	19	21.7	22.7	21.3	18.5	16.3	14.7	13.6	
	11.5	18.4	22.3	23.9	21.8	18.8	16.4	14.9	13.9	
	10.4	17	22.9	24.9	22	19.2	16.7	15.2	14.2	
	10	16.8	23.1	25.2	22.2	19.6	17.2	15.7	14.8	
	10.8	18	22.8	24.9	22.6	20.3	18.2	16.7	15.8	
	11.7	19.2	22.7	24	22.8	20.8	19.4	18	17	
	13.1	18.7	21.9	23.3	22.8	21.4	20.6	19.4	18.3	
[m]	13.2	19.1	21.2	22.2	22	21.9	21.7	20.8	19.8	
-2.5	13	19	20.5	20.8	21.5	22.6	22.8	22.3	21.2	19.8
	13.9	19	20.4	19.8	21	23.1	24.3	23.9	22.6	21
	13.8	18.5	19.9	19.2	20.1	23.6	25.7	25.6	24	22
	13.4	17.3	19.5	18.6	19.3	24.1	27.5	27.1	25.1	22.9
										21
										19.2
										17.6
										18.8
										24.4
										28.6
										28.5
										26
										23.7
										21.7
										19.8
										17.9
										18.1
										23.5
										28.7
										28.6
										26.6
										24.7
										22.5
										20.2
										18.2
										16.7
										21.4
										28.2
										28.5
										27
										25.7
										23.4
										20.6
										18.3
										15.6
										20.4
										27.5
										28.4
										27.9
										26.6
										24
										20.9
										18.4
										14.4
										19.5
										25.9
										27.9
										29
										27.8
										24.3
										21.1
										18.3
										13.6
										17.9
										24.9
										27.9
										29.4
										28.1
										24.8
										20.9
										18
-5.0										6.9
										16.5
										23.1
										27.5
										29.7
										28
										24.6
										20.4
										17.6
										5.9
										14.9
										20.5
										27.1
										30
										27.7
										23.9
										19.9
										17.2
										5.8
										9.4
										19.4
										26.6
										29.7
										27.2
										23.4
										19.5
										16.9
										15.2
										14.3
										13.9
										13.4
										5.8
										9.4
										19.4
										25.7
										28.6
										26.7
										23.1
										19.3
										17
										15.3
										14.5
										14
										13.5
										5.7
										9.9
										17.3
										25
										27
										26.1
										22.9
										19.4
										17.1
										15.6
										14.8
										14.2
										13.6
										5.9
										10.9
										17.4
										23.9
										25.5
										25.2
										22
										19.3
										17.2
										15.9
										15.2
										14.5
										14
										5.6
										10.7
										18.2
										20.2
										23.9
										23.8
										21.1
										18.9
										17.2
										16.1
										15.5
										14.8
										14.2
										5.3
										10.5
										18
										19.3
										21.9
										21.9
										20.2
										18.2
										17.1
										16.3
										15.8
										15.1
										14.4
										5.6
										11.8
										18.1
										19.1
										20.5
										20.3
										18.9
										17.7
										17
										16.5
										16
										15.4
										14.7
										17.2
										16.9
										16.8
										16.3
										15.7
										14.9
										16.7
										16.9
										17
										16.7
										16.2
										15.3
-7.5										16.3
										16.9
										17.4
										17.3
										16.7
										15.9
										15.9
										17.1
										18
										18
										17.4
										16.6

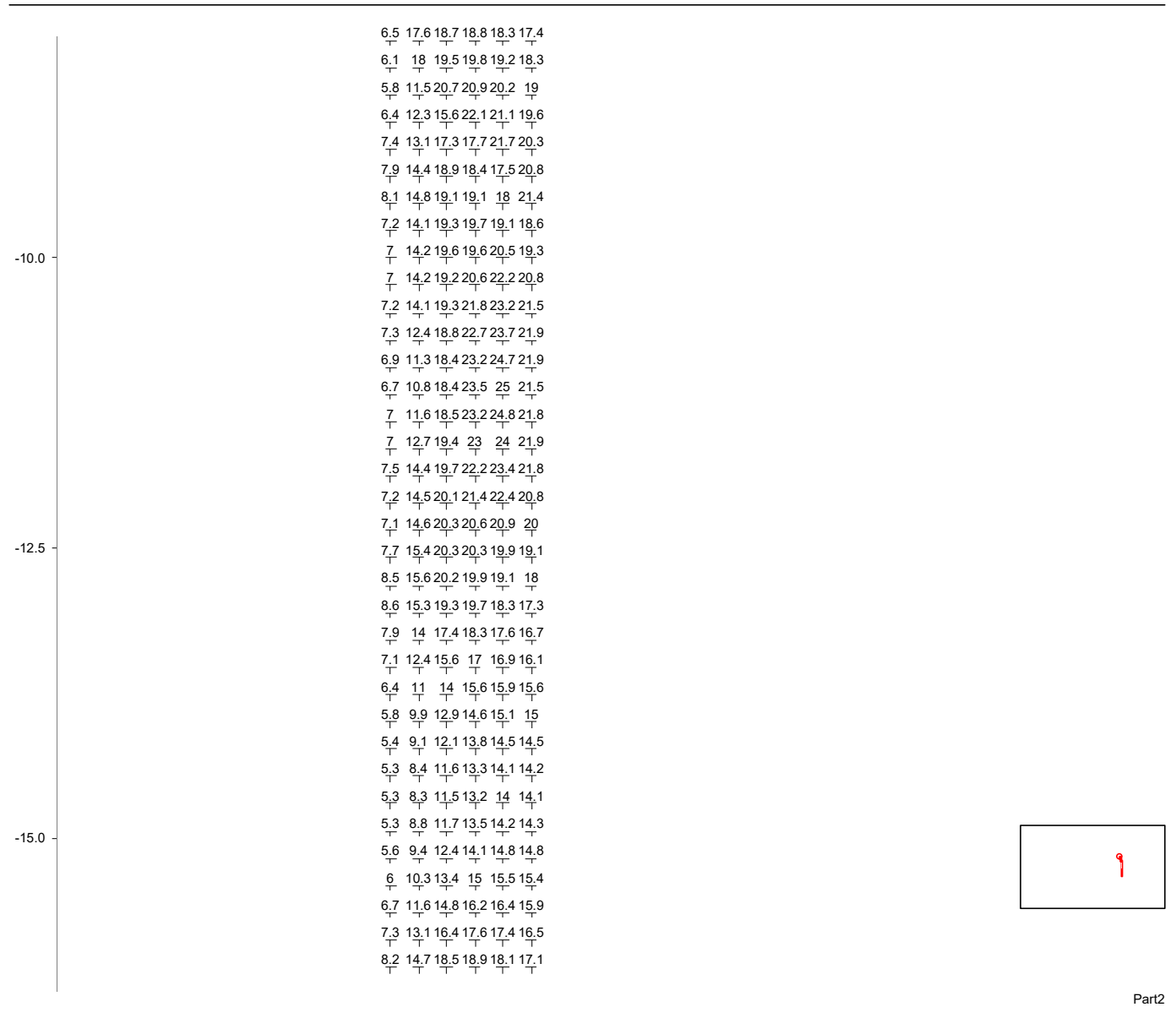


Part1

Height reference plane	: 0.00 m
Average illuminance	Em : 17 lx
Minimum illuminance	Emin : 4.5 lx
Maximum illuminance	Emax : 30 lx
Uniformity Uo	Emin/Em : 1 : 3.79 (0.26)
Diversity Ud	Emin/Emax : 1 : 6.68 (0.15)

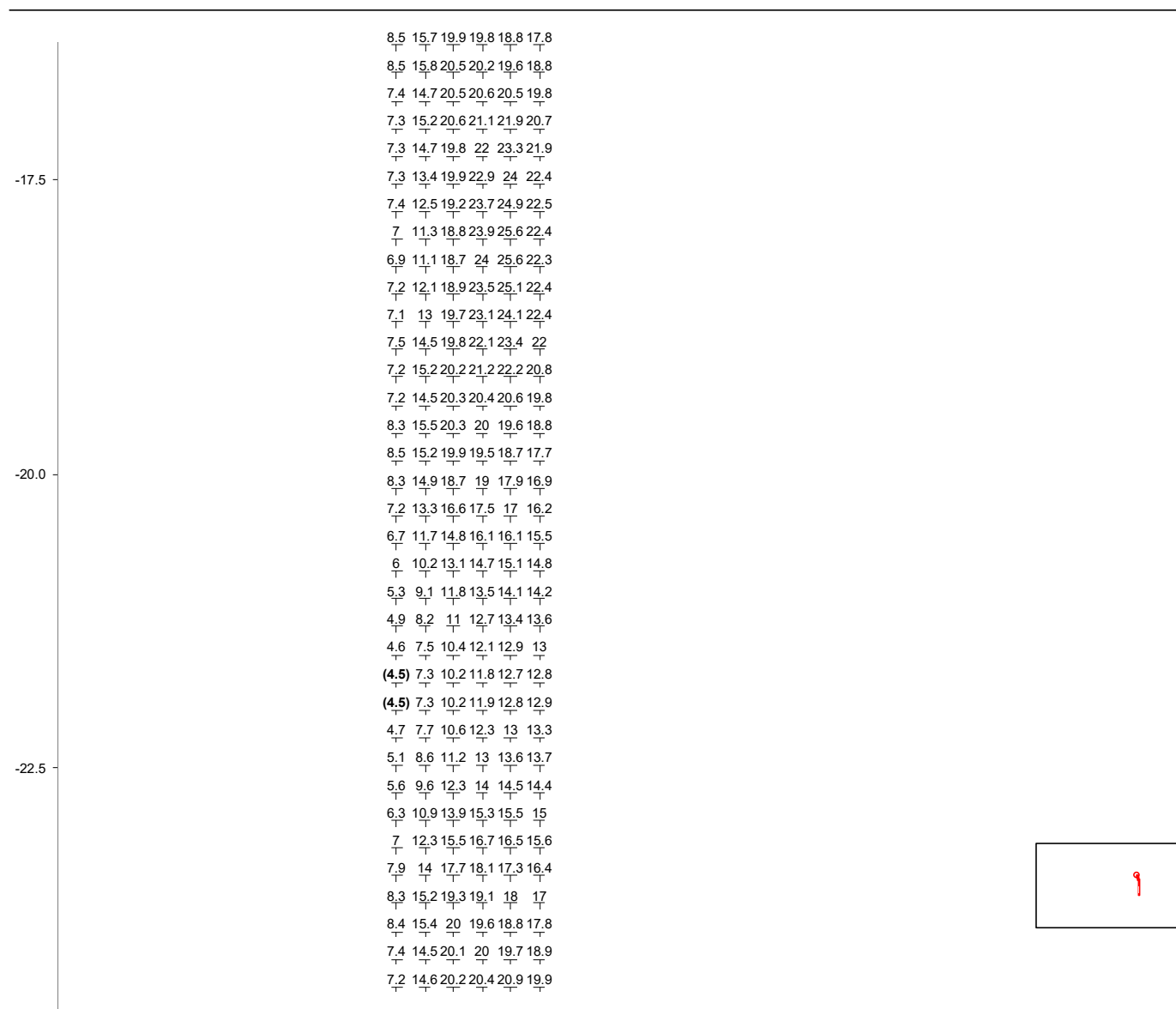
2.3 Calculation results, Exterior 1 Baffle Optic

2.3.4 Table, Measuring area 3 (E)



2.3 Calculation results, Exterior 1 Baffle Optic

2.3.4 Table, Measuring area 3 (E)

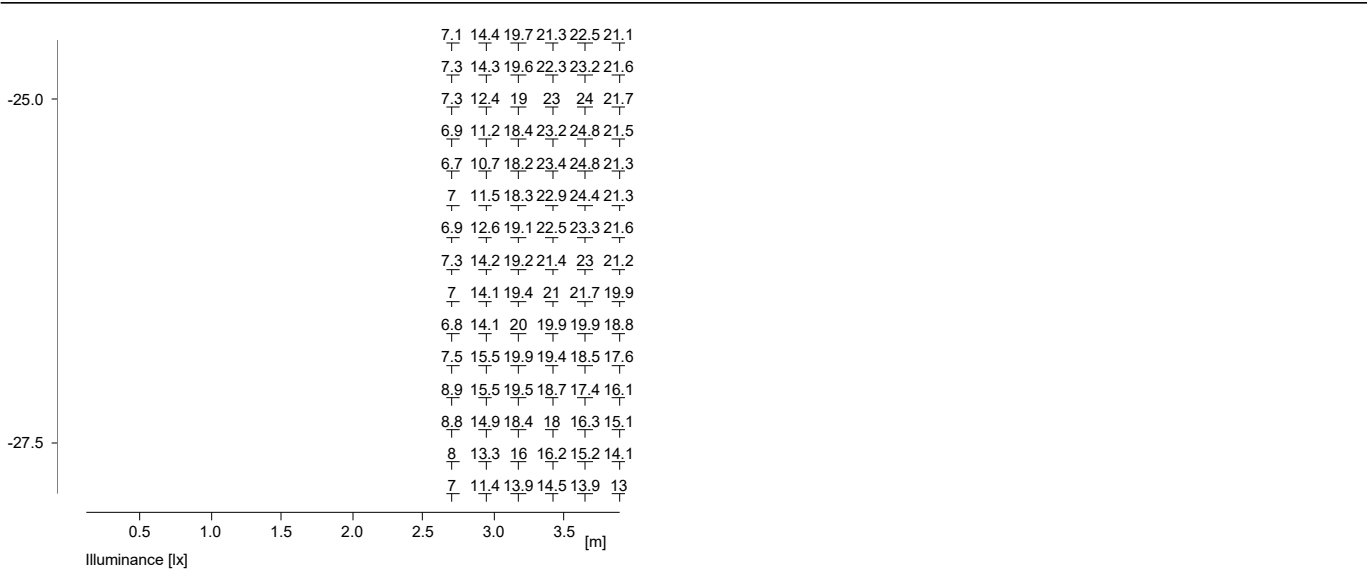


Part3



2.3 Calculation results, Exterior 1 Baffle Optic

2.3.4 Table, Measuring area 3 (E)

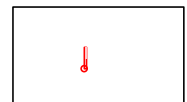


Part4

2.3 Calculation results, Exterior 1 Baffle Optic

2.3.5 Table, Measuring area 4 (E)

	11.2	14.2	19.3	24.1	21.4	12.4	6.1
[m]	11.1	14.2	19.3	24.8	21.9	11.3	6.3
25.0	11.7	14.7	19.8	24.1	21.6	13	6.2
	12.3	15.1	19.3	22.9	21	15.1	6.1
	12.6	15.1	18.5	20.7	20.3	15.3	5.8
	12.7	14.8	17.2	18.9	20.2	16	6
	12.7	14.5	16	17.5	19.1	15.3	5.4
	12.7	13.9	15	16.3	16.2	12.6	5
22.5	12.6	13.4	14.1	14.6	13.8	10.1	4.3
	12.4	12.9	13.3	13.2	12	8.4	3.6
	12.3	12.6	12.5	12.4	11	7.3	3.3
	12.3	12.5	12.4	12.3	10.8	7.1	(3.2)
	12.4	12.8	12.9	12.8	11.4	7.8	3.4
	12.7	13.2	13.8	14	12.9	9.3	3.9
20.0	12.8	13.9	14.7	15.5	15	11.4	4.8
	13	14.5	15.7	17	17.7	14.1	5.2
	13.1	15	16.8	18.4	20	16.1	5.8
	13.1	15.4	18.3	19.9	20.4	16	5.7
	13.1	15.7	19.3	22.3	20.9	15.8	5.8
	12.7	15.7	20	23.8	21.7	14.7	6.1
	12.2	15.2	20.2	25.1	22	12	6
17.5	12.1	15.2	20.1	25.2	22.1	11.7	6.1
	12.6	15.6	20.4	24	21.9	13.6	6.3
	13.1	15.8	19.5	22.7	20.9	15.2	5.8
	13.2	15.5	18.5	20.3	20.4	15.2	5.7
	13.2	15.2	17.1	18.7	19.9	16	6.2
	13.1	14.7	16	17.3	18.2	14.7	5.3
15.0	13	14	15	15.9	15.5	11.9	5
	12.9	13.5	14.1	14.4	13.3	9.6	4.2
	12.7	13	13.1	13	11.7	8.1	3.6
	12.5	12.7	12.6	12.5	11	7.2	3.4
	12.6	12.7	12.7	12.5	11	7.3	3.4
	12.7	13.1	13.3	13.2	11.9	8.3	3.6
	13	13.6	14.2	14.6	13.6	9.9	4.3
12.5	13.1	14.2	15.2	16.2	16	12.3	5.1

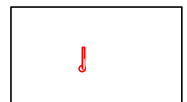
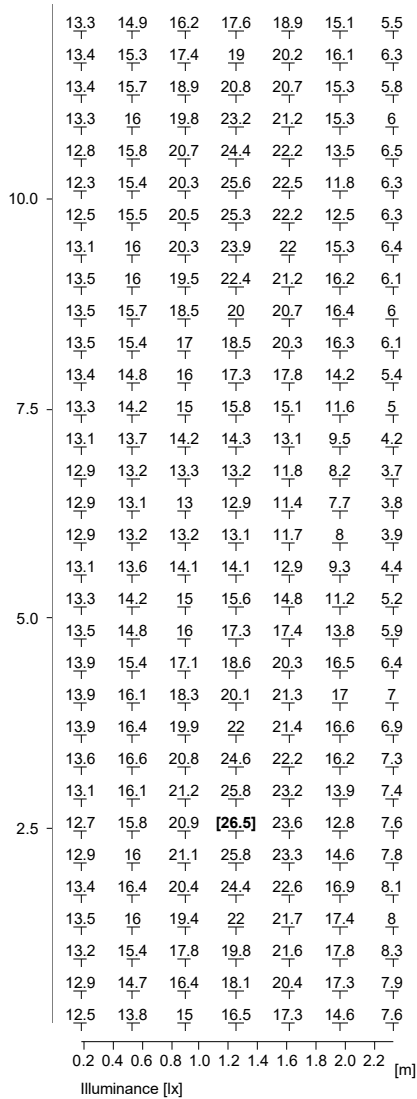


Part1

Height reference plane	: 0.00 m
Average illuminance	Em : 14.3 lx
Minimum illuminance	Emin : 3.2 lx
Maximum illuminance	Emax : 26.5 lx
Uniformity Uo	Emin/Em : 1 : 4.42 (0.23)
Diversity Ud	Emin/Emax : 1 : 8.17 (0.12)

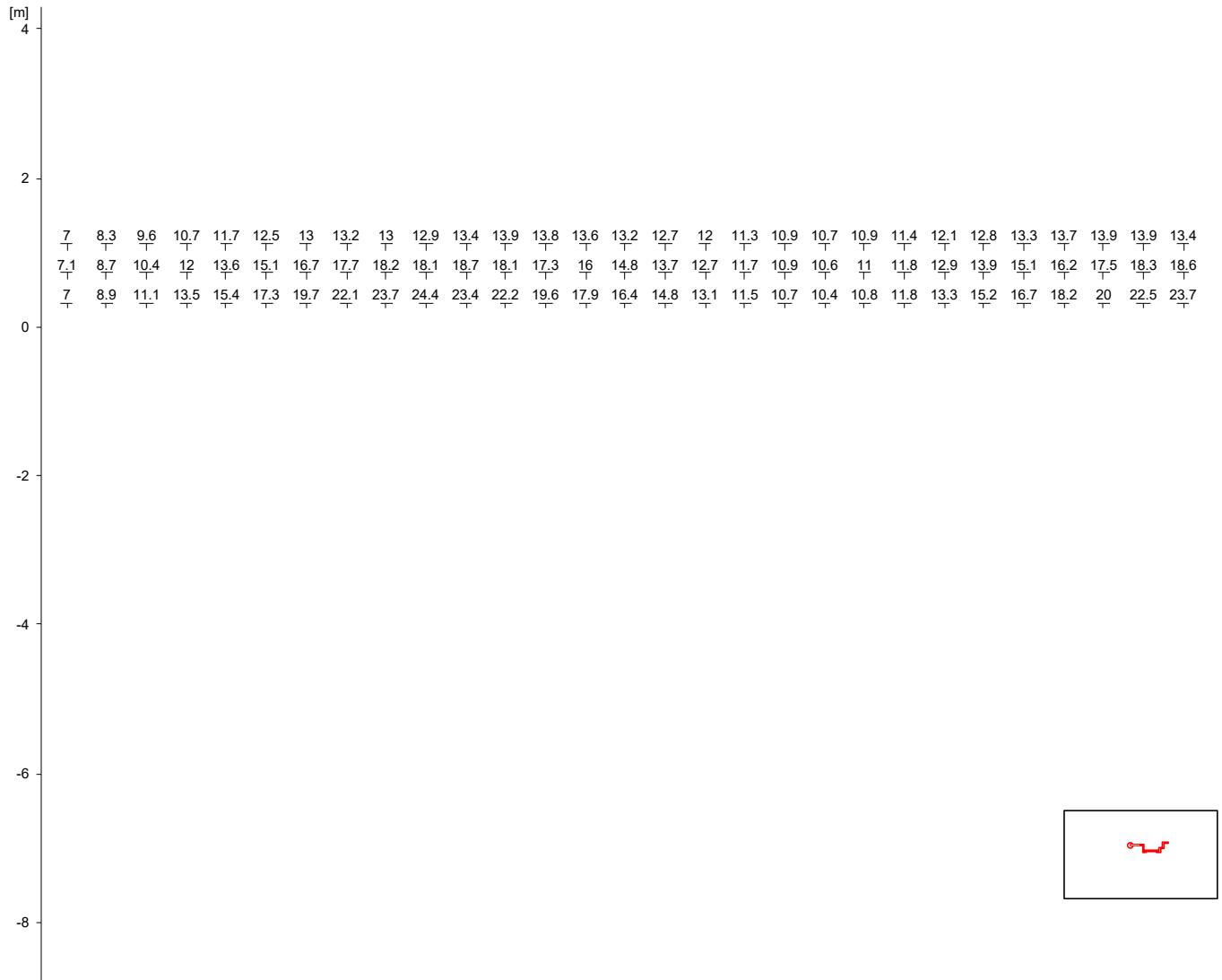
2.3 Calculation results, Exterior 1 Baffle Optic

2.3.5 Table, Measuring area 4 (E)



2.3 Calculation results, Exterior 1 Baffle Optic

2.3.6 Table, Measuring area 5 (E)

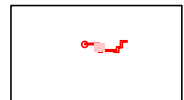


Part1

Height reference plane	: 0.00 m
Average illuminance	Em : 17.1 lx
Minimum illuminance	Emin : 3.6 lx
Maximum illuminance	Emax : 41.1 lx
Uniformity Uo	Emin/Em : 1 : 4.78 (0.21)
Diversity Ud	Emin/Emax : 1 : 11.49 (0.09)

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2.3.6 Table, Measuring area 5 (E)

Part2

2.3 Calculation results, Exterior 1 Baffle Optic

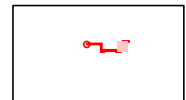
2.3.6 Table, Measuring area 5 (E)

17.3	17	16.5	15.8	15	14.2	13.2	12.5	11.9	12	12.4	13.1	14	14.7	15.4	16	16.5	16.7	16.4	16.7	17.5	18	18.1	18.1	17.8	17.5	16.9	16.3	15.9	16	16.4
22.1	21	19.4	17.8	16.3	14.1	13	12	11.4	11.4	12.1	13.6	14.8	16.1	17.5	19.2	20.5	21.5	21.9	22.2	22.5	22.3	21.6	20.6	19.9	19.2	18.5	17.7	17	16.9	17.5
26.2	24	21.3	18.3	16.8	14.8	13	11.7	11.1	11.1	11.8	13.1	14.9	16.8	19.2	20.9	23.7	25.6	27.5	28	26.9	25.9	23.9	23	22.2	21.1	19.9	18.9	18.4	18.3	18.6
21.7	21.3	21	20.1	16.9	13.7	11.4	9.9	9.2	9.3	10	11.5	13.8	17	20.1	20.9	21.1	22.9	23	23.4	24.2	24.5	25.2	25.4	23.6	21.5	20.1	19.4	19.1	19.1	19.6
11.7	12	13.1	13.5	11.4	9.1	7	5.9	5.4	5.4	5.9	7	9.2	11.4	13	12.1	11.9	11.3	10.3	12.4	14.1	15.6	16.5	18.6	18.5	17.9	17.3	17.7	18.5	19.6	21.1
																											16.1	18.2	20.4	23.4
																											16.3	19.6	22.5	24.4
																											13.8	17.8	21.7	23.8
																														Part3



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2.3.6 Table, Measuring area 5 (E)

Part4

Object : Sweet Pea Bowling Green Care Home
Installation : External Lighting Calc
Project number : 21179
Date : 11.05.2023



2.3 Calculation results, Exterior 1 Baffle Optic

2.3.6 Table, Measuring area 5 (E)

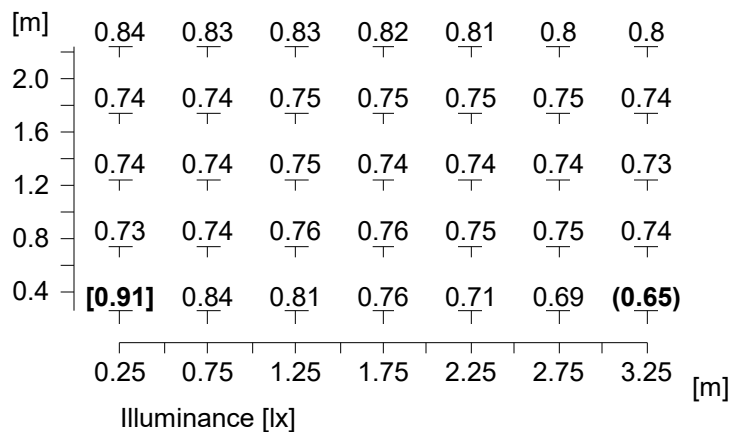
16.8 └	15 └	13.4 └	11.8 └
19.1 └	17.1 └	15.3 └	13.2 └
19.2 └	19 └	17.1 └	13.4 └
9.5 └	11 └	10.5 └	8.5 └



Part5

2.3 Calculation results, Exterior 1 Baffle Optic

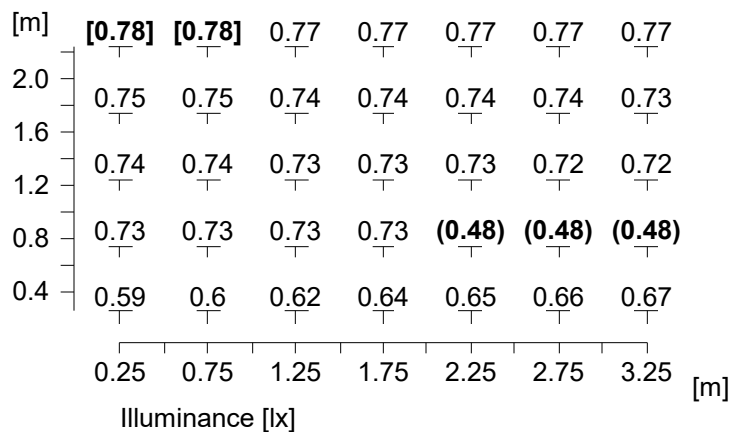
2.3.7 Table, Measuring area 6 (E)



Average illuminance	Em	: 0.76 lx
Minimum illuminance	Emin	: 0.65 lx
Maximum illuminance	Emax	: 0.91 lx
Uniformity Uo	Emin/Em	: 1 : 1.17 (0.85)
Diversity Ud	Emin/Emax	: 1 : 1.39 (0.72)

2.3 Calculation results, Exterior 1 Baffle Optic

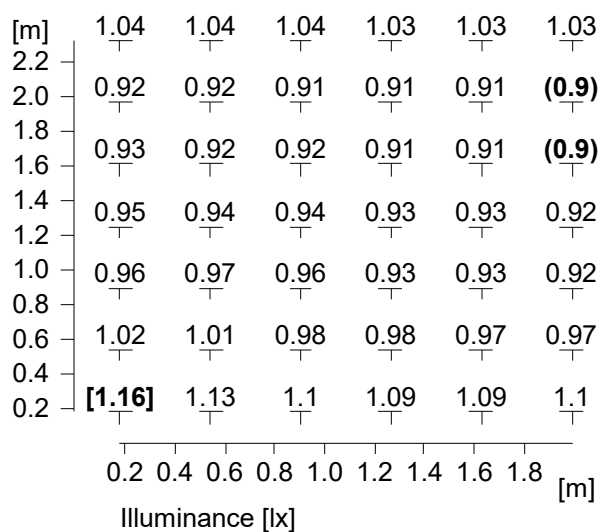
2.3.8 Table, Measuring area 7 (E)



Average illuminance	Em	: 0.7 lx
Minimum illuminance	Emin	: 0.48 lx
Maximum illuminance	Emax	: 0.78 lx
Uniformity Uo	Emin/Em	: 1 : 1.47 (0.68)
Diversity Ud	Emin/Emax	: 1 : 1.64 (0.61)

2.3 Calculation results, Exterior 1 Baffle Optic

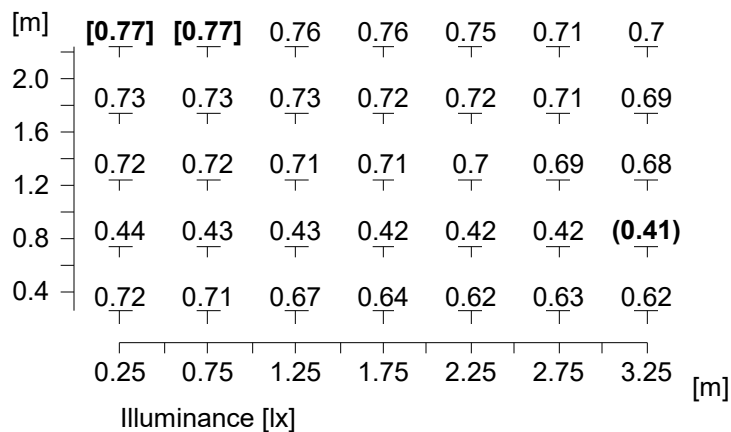
2.3.9 Table, Measuring area 8 (E)



Average illuminance	Em	: 0.98 lx
Minimum illuminance	Emin	: 0.9 lx
Maximum illuminance	Emax	: 1.16 lx
Uniformity Uo	Emin/Em	: 1 : 1.08 (0.92)
Diversity Ud	Emin/Emax	: 1 : 1.28 (0.78)

2.3 Calculation results, Exterior 1 Baffle Optic

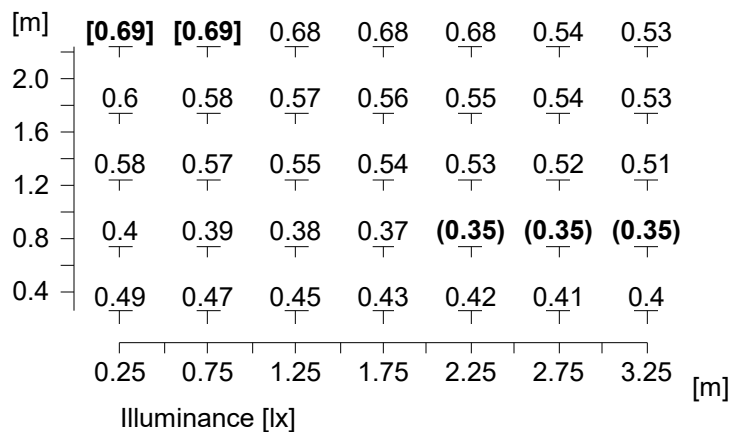
2.3.10 Table, Measuring area 9 (E)



Average illuminance	Em	: 0.65 lx
Minimum illuminance	Emin	: 0.41 lx
Maximum illuminance	Emax	: 0.77 lx
Uniformity Uo	Emin/Em	: 1 : 1.57 (0.64)
Diversity Ud	Emin/Emax	: 1 : 1.85 (0.54)

2.3 Calculation results, Exterior 1 Baffle Optic

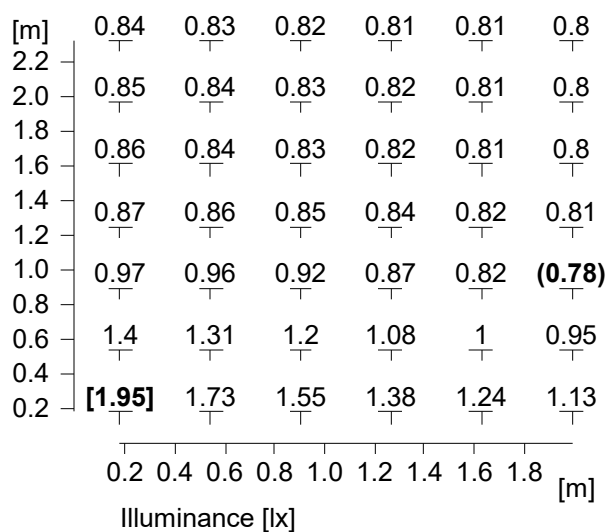
2.3.11 Table, Measuring area 10 (E)



Average illuminance	Em	: 0.51 lx
Minimum illuminance	Emin	: 0.35 lx
Maximum illuminance	Emax	: 0.69 lx
Uniformity Uo	Emin/Em	: 1 : 1.45 (0.69)
Diversity Ud	Emin/Emax	: 1 : 1.96 (0.51)

2.3 Calculation results, Exterior 1 Baffle Optic

2.3.12 Table, Measuring area 11 (E)



Average illuminance	Em	: 0.98 lx
Minimum illuminance	Emin	: 0.78 lx
Maximum illuminance	Emax	: 1.95 lx
Uniformity Uo	Emin/Em	: 1 : 1.25 (0.80)
Diversity Ud	Emin/Emax	: 1 : 2.48 (0.40)

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2.3.13 Table, Measuring area 12 (E)

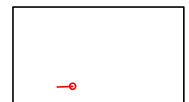


Average illuminance	Em	: 0.26 lx
Minimum illuminance	Emin	: 0.01 lx
Maximum illuminance	Emax	: 0.99 lx
Uniformity Uo	Emin/Em	: 1 : 19.33 (0.05)
Diversity Ud	Emin/Emax	: 1 : 72.15 (0.01)

2.3 Calculation results, Exterior 1 Baffle Optic

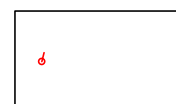
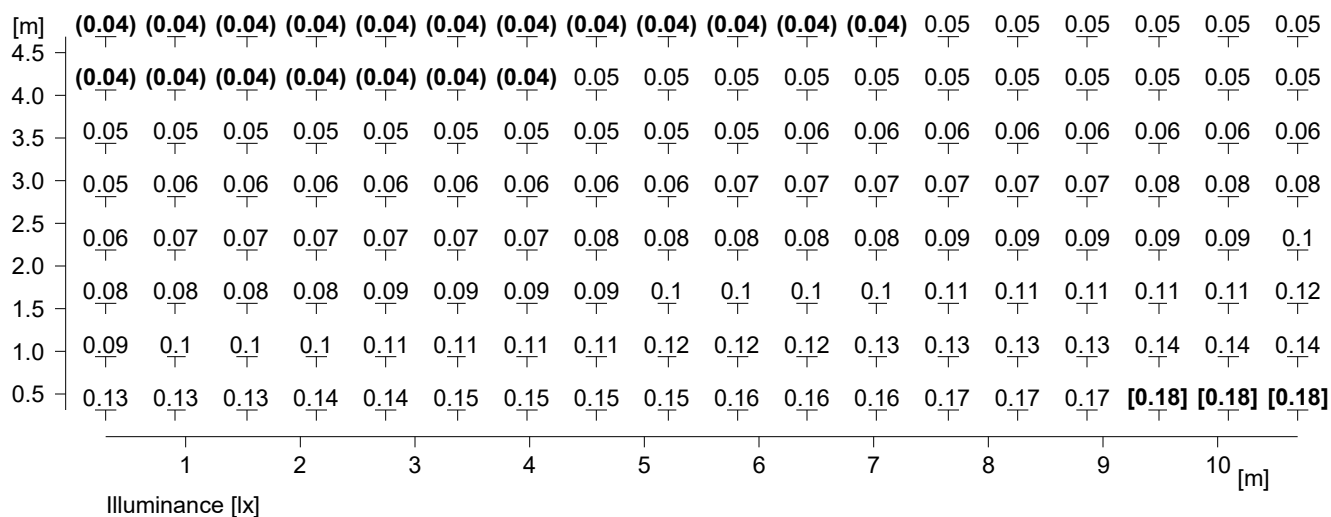
2.3.13 Table, Measuring area 12 (E)

0.09	0.09	0.08	0.07	0.07	0.07	0.06	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02
0.09	0.09	0.08	0.07	0.07	0.06	0.06	0.06	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02
0.09	0.08	0.07	0.07	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02
0.09	0.08	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02
0.09	0.09	0.08	0.06	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	(0.01)	(0.01)
0.08	0.08	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02
0.1	0.09	0.09	0.08	0.07	0.07	0.06	0.06	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02
12				14				16				18 [m]							



2.3 Calculation results, Exterior 1 Baffle Optic

2.3.14 Table, Measuring area 13 (E)



Average illuminance	Em	: 0.08 lx
Minimum illuminance	Emin	: 0.04 lx
Maximum illuminance	Emax	: 0.18 lx
Uniformity Uo	Emin/Em	: 1 : 2.19 (0.46)
Diversity Ud	Emin/Emax	: 1 : 4.83 (0.21)

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2.3.15 Table, Measuring area 14 (E)

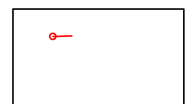


Average illuminance	Em	: 0.18 lx
Minimum illuminance	Emin	: 0.05 lx
Maximum illuminance	Emax	: 0.68 lx
Uniformity Uo	Emin/Em	: 1 : 3.26 (0.31)
Diversity Ud	Emin/Emax	: 1 : 12.59 (0.08)

2.3 Calculation results, Exterior 1 Baffle Optic

2.3.15 Table, Measuring area 14 (E)

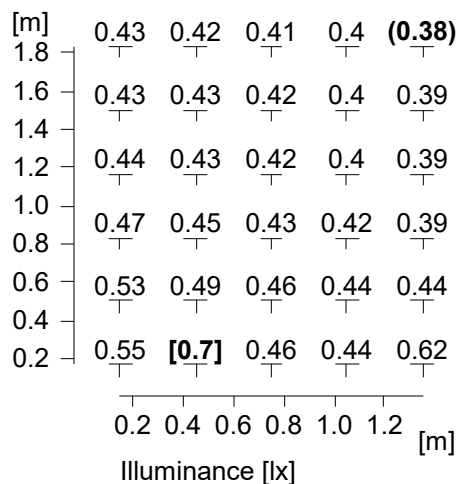
0.1	0.1	0.12	0.12	0.12	0.13	0.13	0.14
0.08	0.09	0.1	0.11	0.11	0.12	0.12	0.13
0.1	0.11	0.13	0.14	0.15	0.15	0.15	0.16
0.15	0.16	0.18	0.19	0.2	0.21	0.21	0.22
0.2	0.22	0.24	0.25	0.27	0.28	0.3	0.31
0.31	0.33	0.36	0.37	0.4	0.42	0.44	0.46
0.4	0.43	0.46	0.48	0.51	0.53	0.56	0.59
0.48	0.5	0.54	0.56	0.59	0.62	0.65	[0.68]
18		20		22	[m]		



Part2

2.3 Calculation results, Exterior 1 Baffle Optic

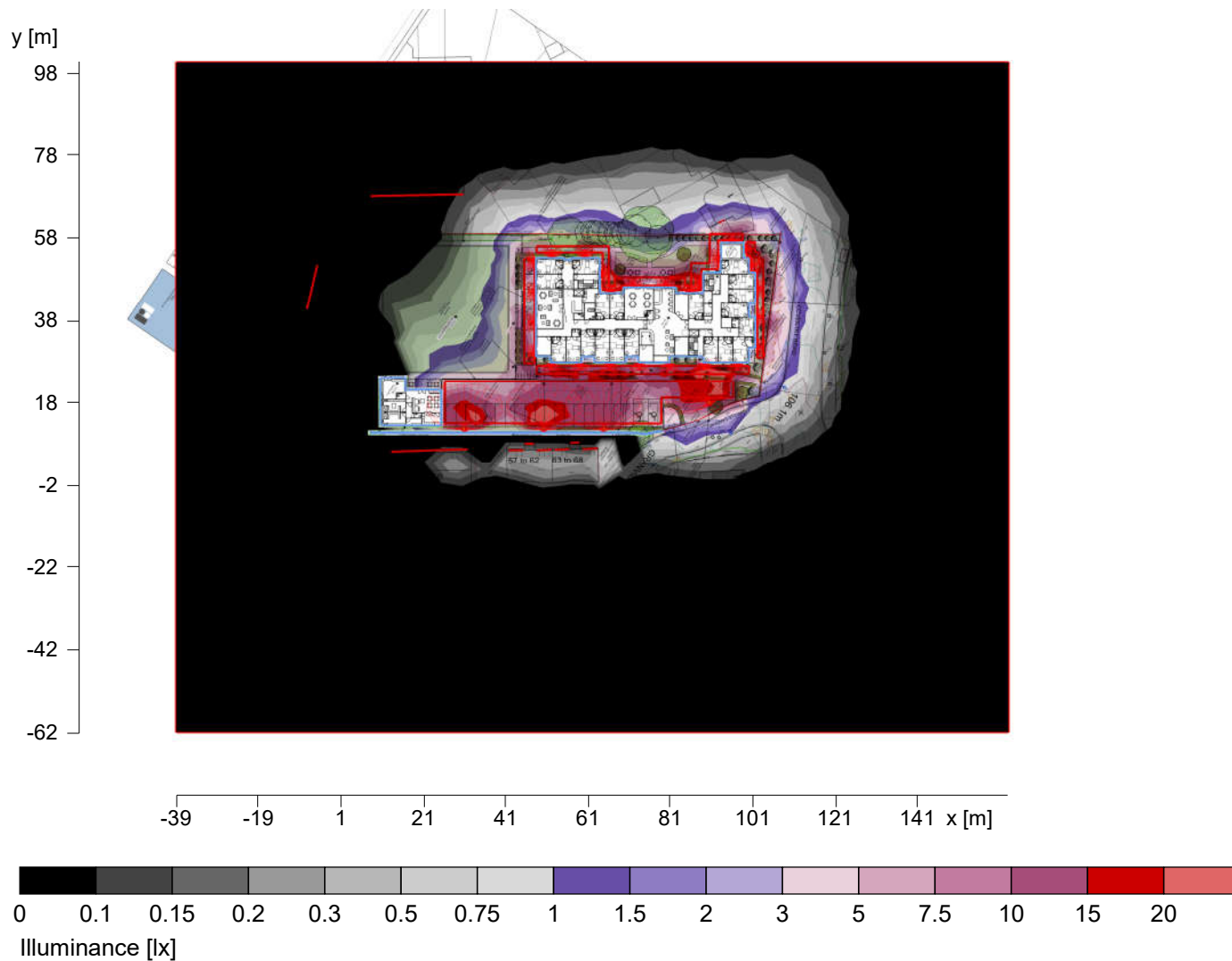
2.3.16 Table, Measuring area 15 (E)



Average illuminance	Em	: 0.45 lx
Minimum illuminance	Emin	: 0.38 lx
Maximum illuminance	Emax	: 0.7 lx
Uniformity Uo	Emin/Em	: 1 : 1.17 (0.85)
Diversity Ud	Emin/Emax	: 1 : 1.82 (0.55)

2.3 Calculation results, Exterior 1 Baffle Optic

2.3.17 Pseudo colours, Reference plane 1.1 (E)



Height reference plane		: 0.00 m
Average illuminance	Em	: 0.8 lx
Minimum illuminance	Emin	: 0 lx
Maximum illuminance	Emax	: 20.9 lx
Uniformity Uo	Emin/Em	: ---
Diversity Ud	Emin/Emax	: ---