

Kedbull Leisure - External Lighting - 2026

Installation : General Lighting

Project number :

Customer :

Processed by : NH

Date : 18.02.2026

Project description:
0.85 - Maintenance Factor

****The assessment does not take into account the presence of light shields or existing trees that may mitigate light spill.****

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.

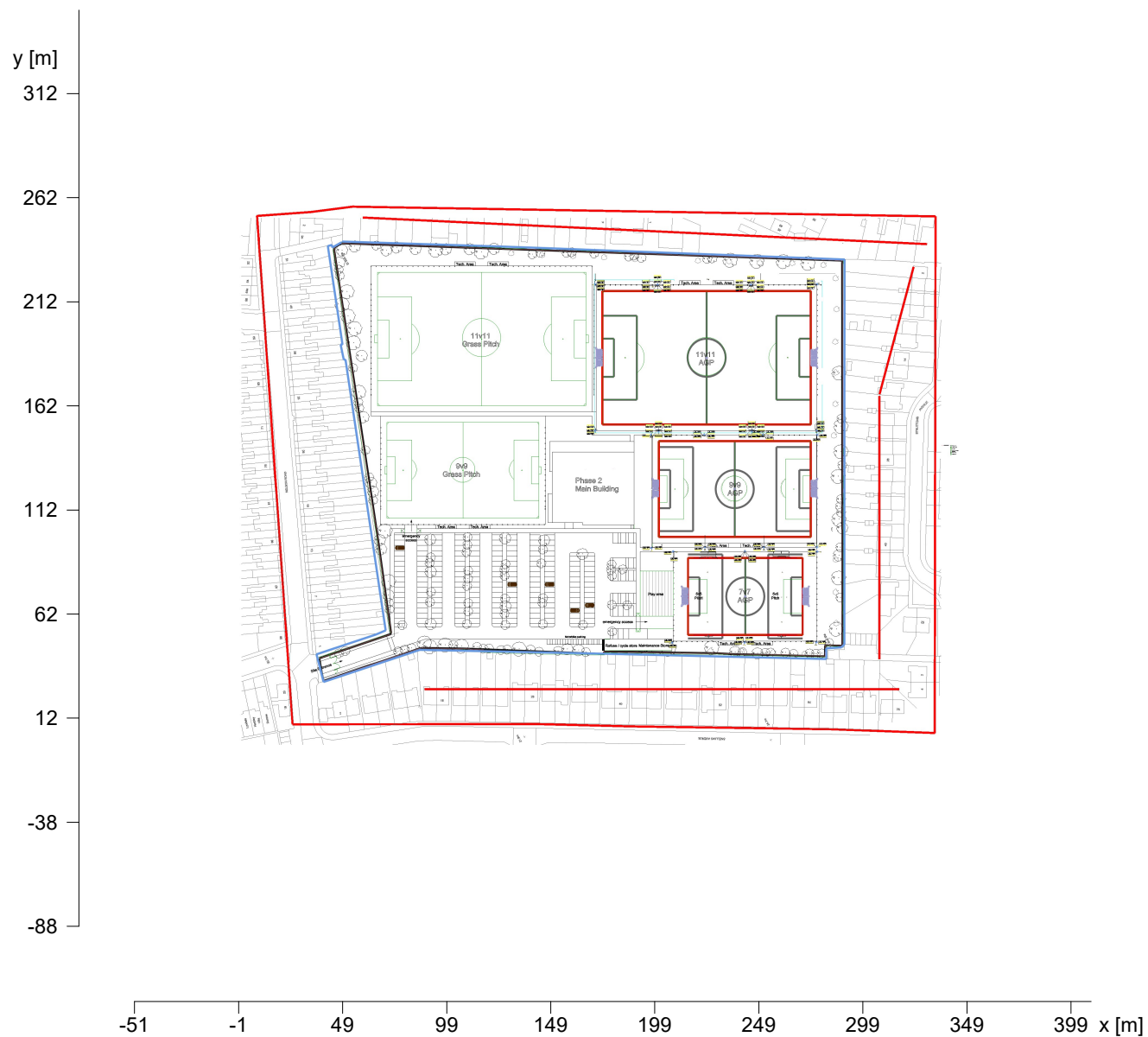
This exclusion of liability applies irrespective of the legal grounds for both damages and consequential damages suffered by users and third parties.

Object : Kedbull Leisure - External Lighting - 2026
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1 Exterior 1

1.1 Description, Exterior 1

1.1.1 Floor plan

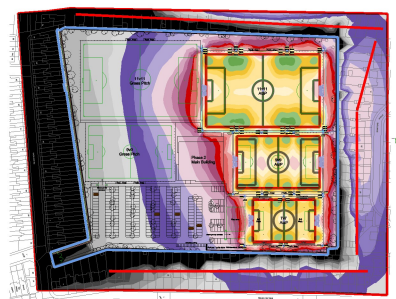


Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
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1 Exterior 1

1.2 Summary, Exterior 1

1.2.1 Result overview, Reference plane 1



-51 -1 49 99 149 199 249 299 349 399 x [m]



0 0.10 0.15 0.2 0.3 0.5 0.75 1 1.5 2 3 5 7.5 10 15 20 30 50 75 100 150 200 300 500 750 1000 1500 2000 3000 5000 7500 10000
Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.85
Total luminous flux	4137672 lm
Total power	26356 W
Total power per area (44398.09 m ²)	0.59 W/m ² (1.62 W/m ² /100lx)

Illuminance

Average illuminance	$\bar{E}_m$	37 lx
Minimum illuminance	E_{min}	0 lx
Maximum illuminance	E_{max}	555 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:--- (---)
Diversity U_d	E_{min}/E_{max}	1:--- (---)

Type No. Make

1 88 x		MG-HPAF6-300W-60
		Order No. : MG-HPAF6-300W-60
		Luminaire name : MG Lites High Power Adjustable Flood 600 Range 300W 60Degree
		Equipment : 1 x 299.5 W / 47019 lm

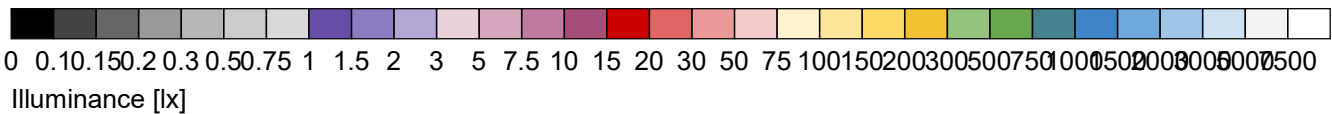
Object : Kedbull Leisure - External Lighting - 2026
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1.2 Summary, Exterior 1

1.2.2 Result overview, Sports ground 1.1



-51 -1 49 99 149 199 249 299 349 399 x [m]



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.85
Total luminous flux	4137672 lm
Total power	26356 W
Total power per area (44398.09 m ²)	0.59 W/m ² (0.28 W/m ² /100lx)

Illuminance

Average illuminance	$\bar{E}_m$	210 lx
Minimum illuminance	E_{min}	54 lx
Maximum illuminance	E_{max}	644 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:3.86 (0.26)
Diversity U_d	E_{min}/E_{max}	1:11.9 (0.08)

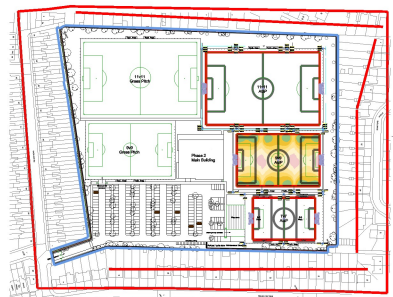
Type No. Make

MG-HPAF6-300W-60	
1 88 x	Order No. : MG-HPAF6-300W-60
	Luminaire name : MG Lites High Power Adjustable Flood 600 Range 300W 60Degree
	Equipment : 1 x 299.5 W / 47019 lm

Object : Kedbull Leisure - External Lighting - 2026
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1.2 Summary, Exterior 1

1.2.3 Result overview, Sports ground 1.2



-51 -1 49 99 149 199 249 299 349 399 x [m]



0 0.10.150.20.30.50.75 1 1.5 2 3 5 7.5 10 15 20 30 50 75 100150200300500750100015020030050075001000
Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.85
Total luminous flux	4137672 lm
Total power	26356 W
Total power per area (44398.09 m ²)	0.59 W/m ² (0.32 W/m ² /100lx)

Illuminance

Average illuminance	$\bar{E}_m$	184 lx
Minimum illuminance	E_{min}	61 lx
Maximum illuminance	E_{max}	474 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:3.02 (0.33)
Diversity U_d	E_{min}/E_{max}	1:7.76 (0.13)

Type No.\Make

1	88 x	MG-HPAF6-300W-60
	Order No.	: MG-HPAF6-300W-60
	Luminaire name	: MG Lites High Power Adjustable Flood 600 Range 300W 60Degree
	Equipment	: 1 x 299.5 W / 47019 lm

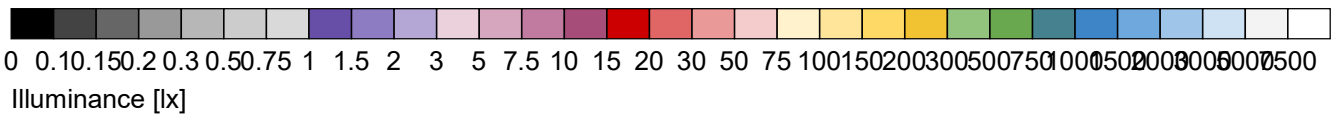
Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.2 Summary, Exterior 1

1.2.4 Result overview, Sports ground 1.3



-51 -1 49 99 149 199 249 299 349 399 x [m]



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.85
Total luminous flux	4137672 lm
Total power	26356 W
Total power per area (44398.09 m ²)	0.59 W/m ² (0.34 W/m ² /100lx)

Illuminance

Average illuminance	$\bar{E}_m$	174 lx
Minimum illuminance	E_{min}	64 lx
Maximum illuminance	E_{max}	456 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:2.71 (0.37)
Diversity U_d	E_{min}/E_{max}	1:7.09 (0.14)

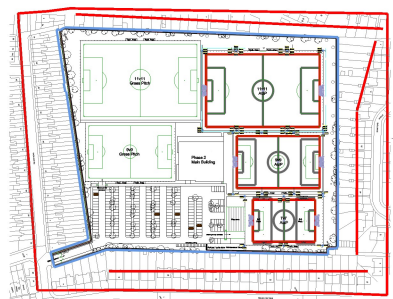
Type No.\Make

1 88 x		MG-HPAF6-300W-60
	Order No.	: MG-HPAF6-300W-60
	Luminaire name	: MG Lites High Power Adjustable Flood 600 Range 300W 60Degree
	Equipment	: 1 x 299.5 W / 47019 lm

Object : Kedbull Leisure - External Lighting - 2026
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1.2 Summary, Exterior 1

1.2.5 Result overview, South Houses



-51 -1 49 99 149 199 249 299 349 399 x [m]



0 0.10.150.20.30.50.75 1 1.5 2 3 5 7.5 10 15 20 30 50 75 10015020030050075010005000000000000500
Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.85
Total luminous flux	4137672 lm
Total power	26356 W
Total power per area (44398.09 m²)	0.59 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	17.6 lx
Minimum illuminance	E_{min}	0.8 lx
Maximum illuminance	E_{max}	29.6 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:23 (0.04)
Diversity U_d	E_{min}/E_{max}	1:38.7 (0.03)

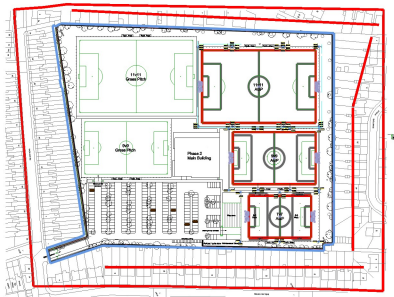
Type No. \Make

1 88 x		MG-HPAF6-300W-60
	Order No.	: MG-HPAF6-300W-60
	Luminaire name	: MG Lites High Power Adjustable Flood 600 Range 300W 60Degree
	Equipment	: 1 x 299.5 W / 47019 lm

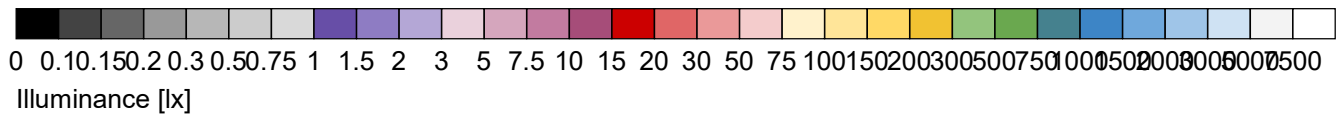
Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.2 Summary, Exterior 1

1.2.6 Result overview, East Houses 1



-51 -1 49 99 149 199 249 299 349 399 x [m]



General	
Calculation algorithm used	Average indirect fraction
Maintenance factor	0.85
Total luminous flux	4137672 lm
Total power	26356 W
Total power per area (44398.09 m²)	0.59 W/m²

Illuminance		
Average illuminance	$\bar{E}_m$	20.1 lx
Minimum illuminance	E_{min}	9.6 lx
Maximum illuminance	E_{max}	33.5 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:2.09 (0.48)
Diversity U_d	E_{min}/E_{max}	1:3.48 (0.29)

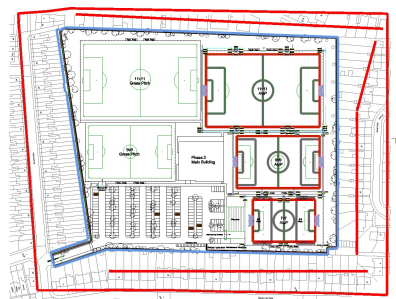
Type No. \ Make

1 88 x		MG-HPAF6-300W-60	
	Order No.	: MG-HPAF6-300W-60	
	Luminaire name	: MG Lites High Power Adjustable Flood 600 Range 300W 60Degree	
	Equipment	: 1 x 299.5 W / 47019 lm	

Object : Kedbull Leisure - External Lighting - 2026
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1.2 Summary, Exterior 1

1.2.7 Result overview, North Houses 1



-51 -1 49 99 149 199 249 299 349 399 x [m]



0 0.10.150.20.30.50.75 1 1.5 2 3 5 7.5 10 15 20 30 50 75 1001502003005007501000502003005007500
Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.85
Total luminous flux	4137672 lm
Total power	26356 W
Total power per area (44398.09 m²)	0.59 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	17.5 lx
Minimum illuminance	E_{min}	0 lx
Maximum illuminance	E_{max}	36.7 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:471 (0)
Diversity U_d	E_{min}/E_{max}	1:988 (0)

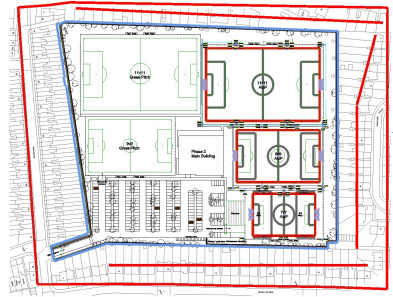
Type No. \Make

1 88 x		MG-HPAF6-300W-60
	Order No.	: MG-HPAF6-300W-60
	Luminaire name	: MG Lites High Power Adjustable Flood 600 Range 300W 60Degree
	Equipment	: 1 x 299.5 W / 47019 lm

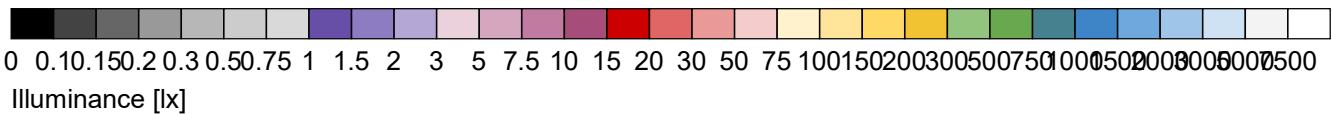
Object : Kedbull Leisure - External Lighting - 2026
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1.2 Summary, Exterior 1

1.2.8 Result overview, East Houses 2



-51 -1 49 99 149 199 249 299 349 399 x [m]



General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.85
Total luminous flux	4137672 lm
Total power	26356 W
Total power per area (44398.09 m²)	0.59 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	29.4 lx
Minimum illuminance	E_{min}	13.4 lx
Maximum illuminance	E_{max}	42.9 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:2.19 (0.46)
Diversity U_d	E_{min}/E_{max}	1:3.19 (0.31)

Type No. \Make

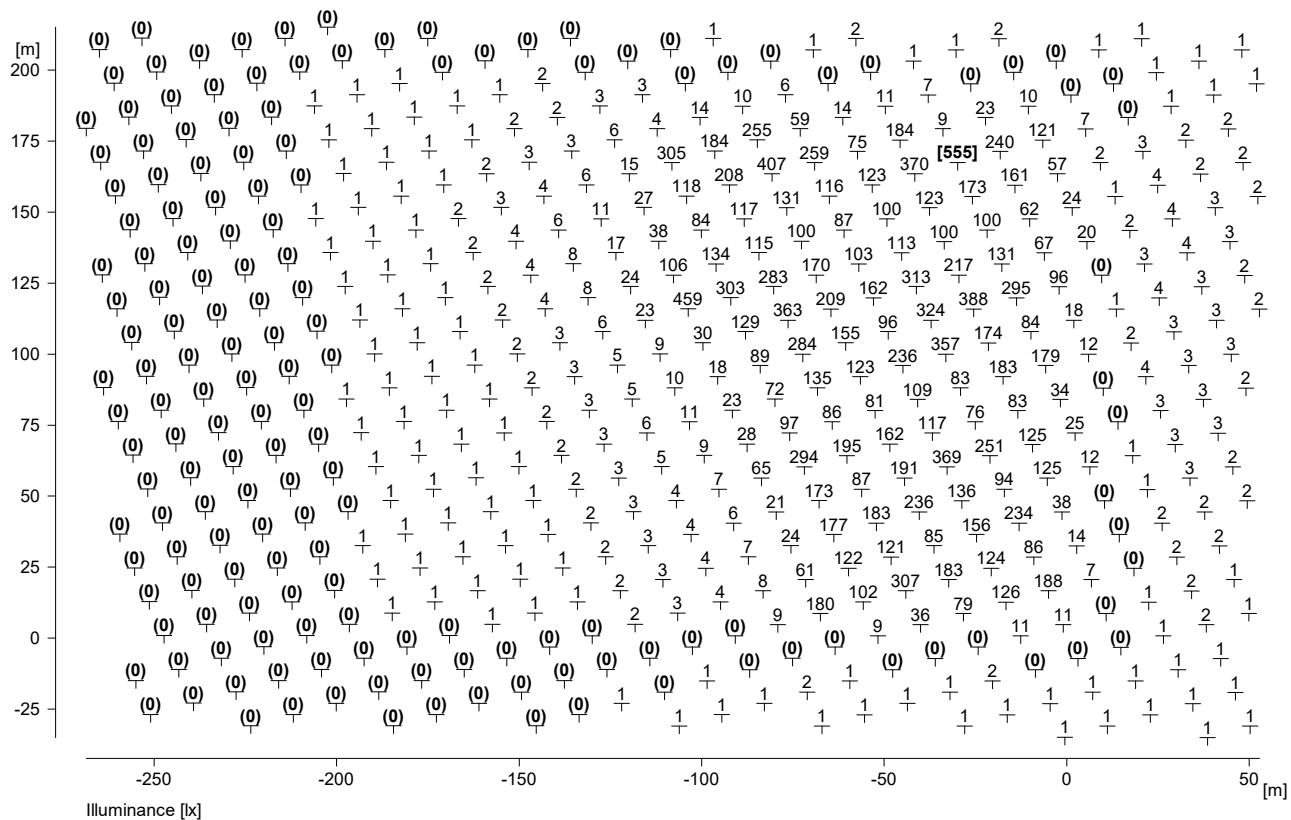
1 88 x		MG-HPAF6-300W-60
		Order No. : MG-HPAF6-300W-60
		Luminaire name : MG Lites High Power Adjustable Flood 600 Range 300W 60Degree
		Equipment : 1 x 299.5 W / 47019 lm

Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1 Exterior 1

1.3 Calculation results, Exterior 1

1.3.1 Table, Reference plane 1 (E)

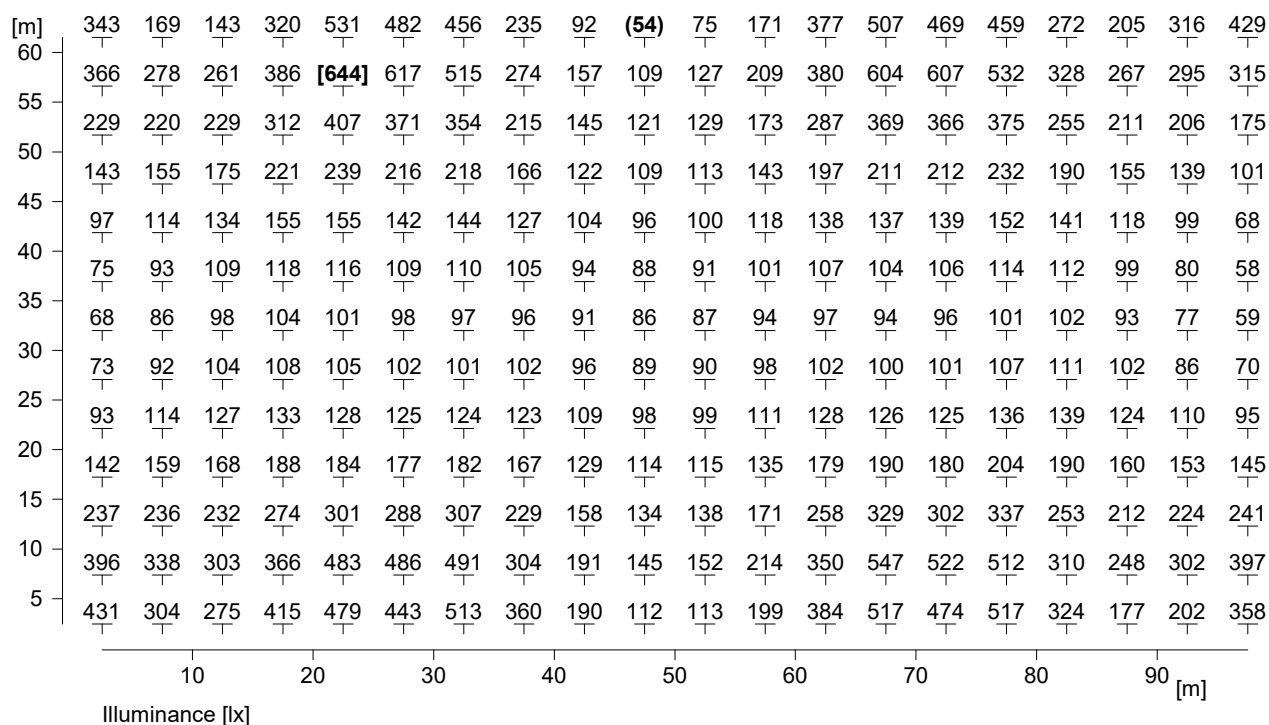


Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 37 lx
Minimum illuminance	E_{min}	: 0 lx
Maximum illuminance	E_{max}	: 555 lx
Uniformity U_0	$E_{min}/\bar{E}_m$	: ---

Object : Kedbull Leisure - External Lighting - 2026
 Installation : General Lighting
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1.3 Calculation results, Exterior 1

1.3.2 Table, Sports ground 1.1 (E)

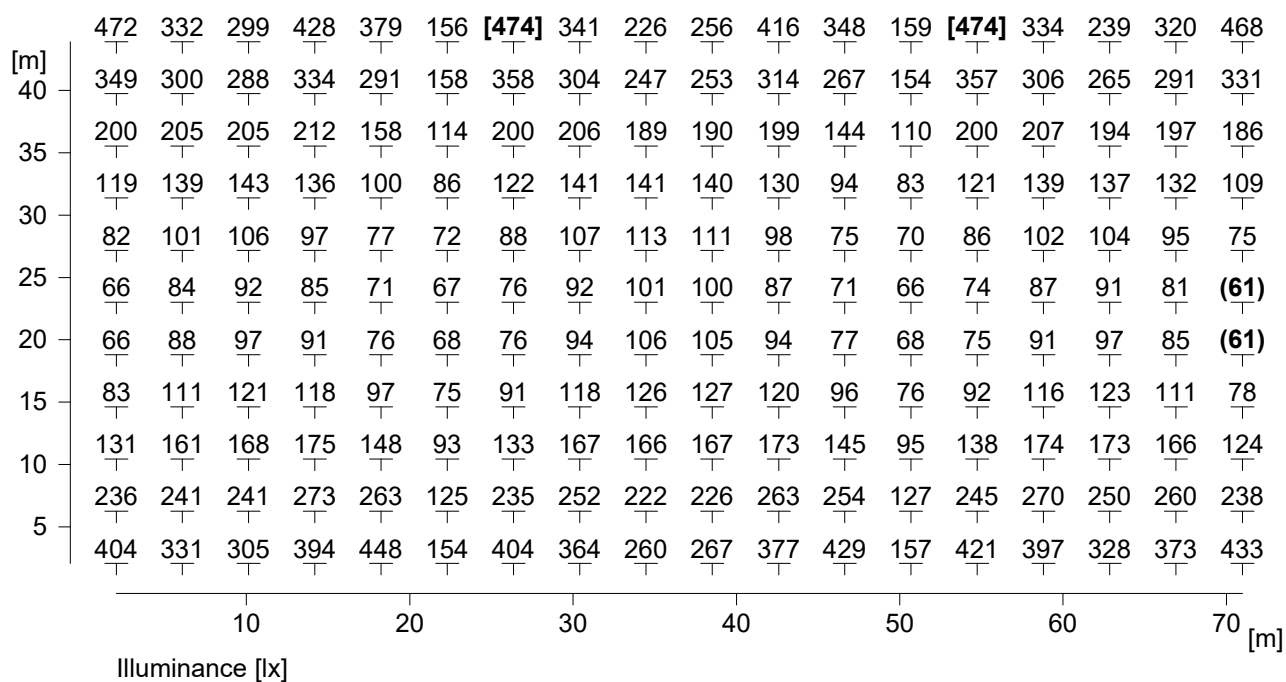


Height reference plane : 0.00 m
 Average illuminance $\bar{E}_m$: 210 lx
 Minimum illuminance E_{min} : 54 lx
 Maximum illuminance E_{max} : 644 lx
 Uniformity U_o $E_{min}/\bar{E}_m$: 1 : 3.86 (0.26)

Object : Kedbull Leisure - External Lighting - 2026
 Installation : General Lighting
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1.3 Calculation results, Exterior 1

1.3.3 Table, Sports ground 1.2 (E)

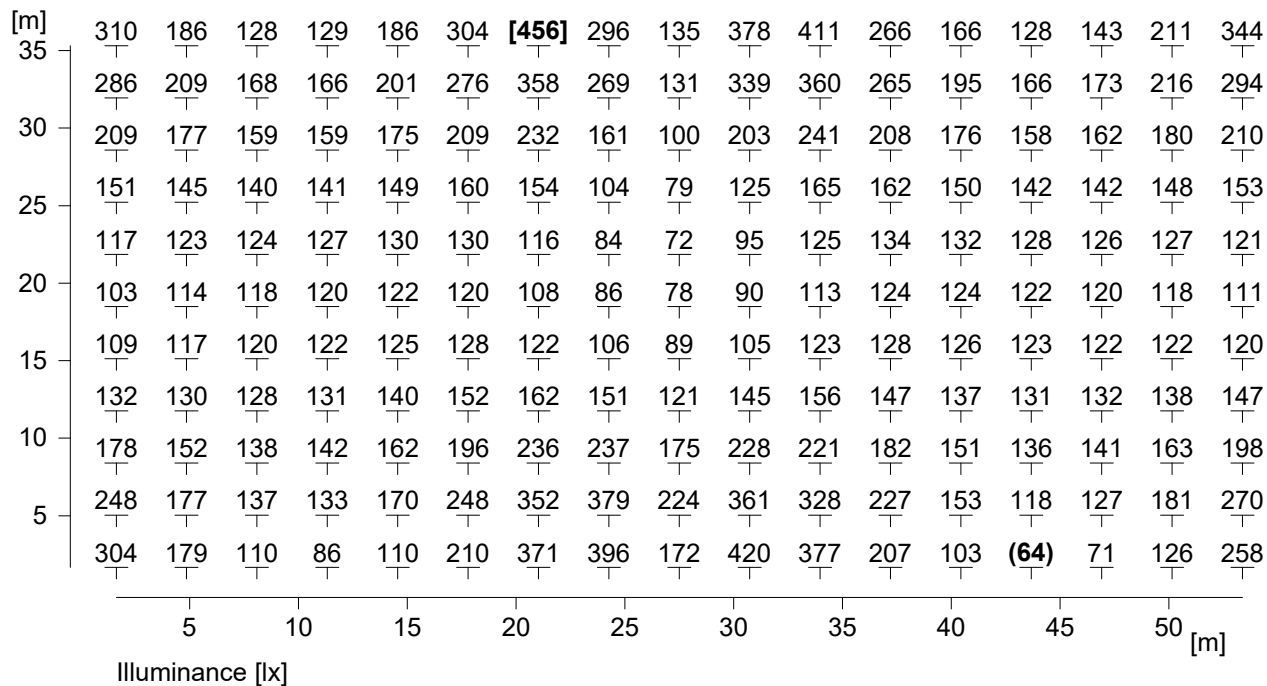


Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 184 lx
Minimum illuminance	E_{min}	: 61 lx
Maximum illuminance	E_{max}	: 474 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 3.02 (0.33)

Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
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1.3 Calculation results, Exterior 1

1.3.4 Table, Sports ground 1.3 (E)



Height reference plane : 0.00 m
Average illuminance $\bar{E}_m$: 174 lx
Minimum illuminance E_{min} : 64 lx
Maximum illuminance E_{max} : 456 lx
Uniformity U_o $E_{min}/\bar{E}_m$: 1 : 2.71 (0.37)



Object : Kedbull Leisure - External Lighting - 2026
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1.3 Calculation results, Exterior 1

1.3.5 Table, South Houses (E)

[m]	7	14.6	14.8	15	15.1	14	15.6	15.8	15.9	14.5	16.3	14.9	16.8	17	17.2	17.4	17.6	17.8	18	18.2	18.4	18.6	18.8	19	19.1	17.7	12.7	19.7	19.9
		14.8	15.1	15.2	15.5	14.3	15.9	16.1	16.2	14.8	16.6	15.2	17.1	17.3	17.5	17.7	17.9	18.2	18.4	18.6	18.8	19	19.2	19.4	19.5	18.1	12.8	18	20.4
	6	15.1	15.3	15.6	15.8	14.5	16.2	16.4	16.5	15	16.9	15.5	17.4	17.6	17.8	18.1	18.3	18.5	18.7	18.9	19.1	19.4	19.6	19.7	19.9	18.4	13	18.4	20.8
	5	15.4	15.6	15.8	16	14.8	16.4	16.5	16.8	15.3	17.2	15.7	17.7	17.9	18.1	18.4	18.6	18.8	19	19.2	19.5	19.7	19.9	20	20.2	18.8	13.1	18.7	21.1
	4	15.7	15.9	16.1	16.3	15	16.7	16	17.1	15.5	17.5	16	18	18.3	18.5	18.7	18.9	19.1	19.4	19.6	19.8	20	20.3	20.4	20.6	19.1	13.2	19	21.5
	3	15.9	16.2	16.4	16.6	15.2	17	16.2	17.4	15.7	17.8	16.2	18.3	18.5	18.8	19	19.2	19.5	19.7	19.9	20.1	20.4	20.5	20.8	20.9	19.3	13.3	19.2	21.8
	2	16.2	16.4	16.6	16.8	15.4	17.2	16.4	17.6	15.9	18	16.4	18.6	18.8	19	19.2	19.5	19.7	19.9	20.1	20.4	20.6	20.8	21	21.2	19.6	13.3	19.5	22.1
	1	16.4	16.7	16.9	17.1	15.7	17.5	16.8	17.9	16.2	18.4	16.7	18.9	19.1	19.3	19.6	19.8	20	20.3	20.5	20.7	21	21.1	21.3	21.5	19.9	13.5	19.8	22.5
		16.7	17	17.2	17.4	16	17.9	16.3	16.2	13.8	16.1	14.3	16.5	16.7	15	13.3	13.5	13.7	13.9	14.1	14.3	13.5	12.6	10.4	10.6	10.7	4.1	11.2	11.2
Illuminance [lx]																													
20																													

20



Part1

Average illuminance	$\bar{E}_m$	: 17.6 lx
Minimum illuminance	E_{min}	: 0.8 lx
Maximum illuminance	E_{max}	: 29.6 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 22.98 (0.04)

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1.3 Calculation results, Exterior 1

1.3.5 Table, South Houses (E)

20.1	20.3	20.5	20.7	20.9	19.3	21.1	21.5	21.7	22	22.1	21.2	22.4	20.9	22.7	22.8	23	22.7	21.8	23.4	23.5	23.6	23.7	23.7	23.8	23.9	23.9	23.9	23.9	23.9
20.6	20.7	21	21.1	21.3	19.7	21.6	22	22.1	22.4	22.6	21.7	22.9	21.4	23.1	21.4	23.5	23.1	22.2	23.9	24	24.1	24.2	24.2	24.3	24.4	24.4	24.4	24.4	24.4
21	21.2	21.4	21.6	21.7	20.1	22	22.4	22.6	22.8	23	22.1	23.4	21.9	23.7	21.8	23.9	23.6	22.7	24.4	24.5	24.6	24.7	24.7	24.8	24.9	24.9	25	25	25
21.4	21.5	21.8	22	22.1	20.5	22.4	22.8	23	23.2	23.4	22.5	23.8	22.2	24.1	22.3	24.4	23.9	23	24.8	24.9	24.9	25.1	25.1	25.2	25.3	25.3	25.4	25.4	25.4
21.7	21.9	22.2	22.3	22.5	20.9	22.9	23.2	23.4	23.7	23.8	22.9	24.2	22.7	24.6	22.7	24.9	24.5	23.5	25.3	25.3	25.5	25.6	25.7	25.7	25.8	25.9	25.9	25.9	25.9
22	22.2	22.4	22.6	22.7	21	23.2	23.4	23.7	23.9	24	23.1	24.4	22.9	24.8	22.9	25.1	24.7	23.8	25.6	25.6	25.6	25.8	25.8	25.9	26	26	26.1	26.1	26.1
22.3	22.5	22.7	22.9	23	21.3	23.5	23.8	24	24.2	24.4	23.3	24.8	23.2	25.1	23.2	25.4	25	24	25.8	26	26.1	26	26.1	26.2	26.2	26.3	26.3	26.3	26.3
22.7	22.9	23.1	23.3	23.5	21.7	23.9	24.2	24.4	24.6	24.8	23.7	25.2	23.6	25.5	23.5	25.9	25.4	24.4	26.3	26.4	26.5	26.6	26.6	26.7	26.7	26.7	26.8	26.8	26.8
11.3	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.9	13.1	13.3	13.5	13.7	13.9	14	14.2	14.4	14.5	13.5	14.8	14.9	15	15.1	15.2	15.2	15.3	15.2	15.3	15.4	15.4

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Installation : General Lighting
Project number :
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1.3 Calculation results, Exterior 1

1.3.5 Table, South Houses (E)

23.9	22.7	24	24	24.1	24.1	24.1	24.2	24.3	24.4	24.5	24.5	24.6	23.1	23.3	24.7	24.8	24.9	25.3	25.4	25.5	25.6	24.6	23.2	25.9	25.7	26.1	26.1	25.2	26.1
24.4	23.1	24.4	23.5	24.6	24.6	24.6	24.7	24.8	24.9	24.9	25	25.1	23.3	23.5	25.2	25.3	25.4	25.9	26	26.2	26.3	25.3	23.7	26.5	26.3	26.7	26.7	25.8	26.6
24.9	23.6	24.9	24	25	25.1	25.1	25.2	25.2	25.3	25.4	25.5	25.6	23.8	24.1	25.7	25.8	25.8	26.4	26.6	26.8	26.9	25.9	24.4	27.1	26.9	27.3	27.3	26.3	27.2
25.3	23.9	25.2	24.4	25.4	25.3	25	25.5	25.3	25.6	25.7	25.8	25.9	24.1	24.4	26.1	26.1	26.2	26.8	27	27.1	27.2	26.2	24.7	27.6	27.4	27.7	27.7	26.5	27.6
25.9	24.4	25.8	24.9	25.9	25.6	23.1	26	24.7	26.1	26.2	26.4	26.4	24.6	24.9	26.7	26.7	26.8	27.3	27.5	27.7	27.8	26.8	25.2	28.1	28	28.3	28.2	26	28.2
26.1	24.6	25.9	25	26	25.8	23.1	26.1	24.8	26.2	26.3	26.4	26.5	24.6	25.1	26.9	26.8	26.9	27.4	27.6	27.8	27.9	26.8	25.3	28.2	28	28.4	28.4	26.2	28.6
26.3	24.8	26.3	25.2	26.4	26	23.4	26.4	25.1	26.6	26.7	26.7	26.8	24.9	25.4	27.3	27.1	27.2	27.7	27.9	28	28.2	27.2	25.5	28.6	28.4	28.8	28.8	26.5	28.9
26.8	25.3	26.9	25.9	26.9	26.5	23.9	27	25.6	27.2	27.2	27.3	27.4	25.4	26.1	27.9	27.8	27.8	28.3	28.4	28.6	28.8	27.8	26.1	29.2	29.1	29.5	29.4	27.1	29.5
15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.7	15.8	15.9	16	16.1	16.2	16.4	16.6	16.7	16.9	17	17.1	17.3	17.4	17.5	17.7	17.9	18.1	18.2	18.3	18.3	17.2	18.3
60																													



Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.5 Table, South Houses (E)

26.1	26.1	26.1	26	26	26	25.8	25.7	25.7	25.6	25.5	25.3	25.1	25	24.7	24.7	24.5	24.4	24	19.2	24	23.8	23.7	23.5	22.7	21.7	23.3	23.3	23.2
24.7	26.7	26.7	26.6	26.6	26.6	25.1	26.5	26.3	26.2	26	25.8	25.7	25.5	25.2	25.2	23.8	24.9	24.5	19.5	24.5	24.3	24.2	24	23.2	22.2	23.8	23.7	23.7
25.3	27.3	27.2	27.3	27.3	27.2	25.7	27.1	26.9	26.7	26.5	26.3	26.1	26	25.7	25.6	24.2	25.3	24.8	19.6	24.8	24.7	24.5	24.4	23.5	22.4	24.1	24	24
25.6	27.7	27.7	27.7	27.7	27.6	26	27.4	27.3	27.1	26.9	26.7	26.5	26.4	26.1	26	24.6	25.7	25.2	19.7	25.2	25.1	24.9	24.8	23.9	22.8	24.5	24.4	24.4
26.3	28.4	28.3	28.3	28.3	28.1	26.5	28	27.9	27.6	27.5	27.3	27.1	26.9	26.7	26.5	25.1	26.2	25.7	20	25.6	25.5	25.4	25.2	24.3	23.2	25	25	24.9
26.5	28.5	28.5	28.4	28.4	28.2	26.6	28.1	27.9	27.7	27.6	27.4	27.2	27	26.9	26.6	25.2	26.2	25.7	19.9	25.7	25.6	25.5	25.4	24.5	23.3	25.2	25.2	25.2
26.8	29	28.8	28.8	28.7	28.6	26.9	28.4	28.2	28.1	27.9	27.8	27.6	27.4	27.2	27	25.3	26.5	26	20	26.1	25.9	25.8	25.7	24.7	23.6	25.6	25.5	25.4
27.4	29.6	29.6	29.5	29.3	29.1	27.4	28.9	28.8	28.7	28.5	28.4	28.2	28.1	27.8	27.5	25.9	27.1	26.6	20.4	26.6	26.5	26.4	26.2	25.3	24.1	26.1	26	25.9
18.4	18.4	18.3	18.3	18.2	18	17.8	17.7	17.6	17.5	17.4	17.2	17.1	16.9	16.6	16.4	16.1	15.9	15.3	9	15.3	15.2	15.1	15	14.9	14.8	14.8	14.7	14.6
80															100													



Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.5 Table, South Houses (E)

23.1	23	23	22.9	21.9	23	22.9	22.4	22.8	22.3	21.7	22.5	22.4	22.3	22.1	21.7	20.2	20.2	21.5	21.7	21.6	20.3	20.9	21.1	20.9	20.9	20.7	20.5	18.7	19.5
23.6	23.5	23.6	23.5	22.4	22.7	23.3	22.9	23.3	22.8	22.2	23	22.9	22.8	22.5	22.1	20.6	20.6	22.1	22.3	22	20.7	21.3	21.2	21.4	21.3	21.2	20.9	19	19.9
23.9	24	23.9	23.8	22.7	23	23.6	23.1	23.6	23.1	22.5	23.4	23.2	23.1	22.8	22.6	21.1	21	22.5	22.6	22.4	21	21.7	21.6	21.8	21.7	21.5	21.2	19.4	20.2
24.5	24.4	24.4	24.3	23.1	23.4	24	23.6	24.1	23.6	22.8	23.8	23.7	23.7	23.4	23.1	21.5	21.4	22.9	23	22.8	21.4	22.2	22	22.2	22.1	21.9	21.5	19.5	20.5
24.9	24.9	24.9	24.8	23.6	23.9	24.5	24	24.5	24	22.6	24.3	24.2	24.1	23.8	23.5	21.9	21.8	23.3	23.4	23.2	21.7	22.6	22.4	22.6	22.5	22.3	21.4	18.2	20.7
25.1	25.1	25.1	25	23.8	24.1	24.7	24.2	24.7	24.3	22.9	24.6	24.5	24.4	24.1	23.7	22.1	22	23.6	23.7	23.4	21.9	22.8	22.6	22.9	22.7	22.5	21.7	18.4	20.9
25.4	25.4	25.4	25.3	24	24.3	25	24.5	25.1	24.6	23.2	24.9	24.8	24.7	24.4	24	22.3	22.2	23.8	24	23.7	22.2	23.1	22.9	23.1	23	22.8	21.9	18.6	21.2
25.9	25.8	25.8	25.7	24.5	24.8	25.5	25.1	25.5	25	23.5	25.3	25.2	25.1	24.8	24.4	22.7	22.5	24.2	24.3	24	22.5	23.4	23.2	23.5	23.3	23.1	22.3	18.9	21.5
14.5	14.4	14.3	14.3	14.2	14.3	14.2	14.1	14	13.8	12.7	13.7	13.6	13.4	13.3	13.2	13	12.8	12.7	12.5	12.4	12.2	12	11.8	11.7	11.5	11.3	11.1	10.9	10.7

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Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.5 Table, South Houses (E)

20.1	19.8	18.3	19.5	19.4	19.2	19.1	18.9	18.7	18.6	18.4	18.2	18.1	17.9	17.7	17.6	17.4	17.3	17.1	16.9	16.8	16.5	15.2	15.9	16.1	16	15.9	15.6	14.3
20.5	20	17.5	19.9	19.8	19.6	19.5	19.3	19.1	18.9	18.8	18.6	18.4	18.3	18.1	17.9	17.8	17.6	17.4	17.2	17	15.1	15.4	16.2	16.5	16.3	16.2	15.9	14.6
20.8	20.4	17.8	20.2	20.1	19.9	19.8	19.6	19.5	19.3	19.1	18.9	18.8	18.6	18.4	18.3	18.1	18	17.8	17.6	17.3	15.4	15.7	16.5	16.8	16.6	16.5	16.2	14.8
21.2	20.8	18.1	20.6	20.5	20.2	20.2	19.9	19.8	19.7	19.5	19.3	19.1	19	18.8	18.6	18.5	18.3	18.1	17.9	17.6	15.7	16	16.8	17.1	16.9	16.8	16.5	15.1
21.6	21.1	18.4	21	20.8	19.9	20.4	19.3	20.1	20	19.8	19.7	19.5	19.3	19.2	19	18.8	18.6	18.4	18.2	18	16	16.2	17.1	17.4	17.2	17.1	16.8	15.3
21.8	21.4	18.6	21.3	21.1	20.2	20.8	19.6	20.4	20.4	20.2	20	19.8	19.6	19.5	19.3	19.1	18.9	18.8	18.6	18.3	16.3	16.5	17.4	17.7	17.5	17.4	17.1	15.6
22.1	21.7	18.8	21.5	21.4	20.4	21	19.8	20.7	20.6	20.4	20.2	20	19.9	19.7	19.5	19.4	19.2	19	18.8	18.5	16.5	16.7	17.6	17.9	17.8	17.6	17.3	15.8
22.4	22	19	21.8	21.6	20.7	21.3	20	20.9	20.8	20.6	20.5	20.3	20.1	19.9	19.7	19.6	19.4	19.2	19	18.7	16.6	16.8	17.8	18.1	18	17.8	17.5	15.9
10.5	10.3	10.2	10	9.8	9.6	9.4	9.2	9.1	8.9	8.7	8.5	8.3	8.2	8	7.8	7.6	7.5	7.3	7.1	7	6.7	5.1	6.5	6.4	6.2	6.1	5.9	5.8

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Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.5 Table, South Houses (E)

15.4	15.3	15.1	14.9	14.8	14.7	14.5	14.4	14.2	14	12.5	13.7	12.6	13.6	13.4	13.3	13.2	13.1	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12	11.9	11.8	11.7
15.7	15.6	15.4	15.2	15.1	14.9	14.8	14.7	14.5	14.2	12.8	13.9	12	13.8	13.7	13.6	13.4	13.3	13.2	13.1	12.9	12.8	12.7	12.6	12.5	12.4	12.2	12.1	12	11.9
16	15.8	15.7	15.5	15.4	15.2	15.1	14.9	14.8	14.5	13	14.2	12.2	14.1	13.9	13.8	13.7	13.6	13.4	13.3	13.2	13.1	13	12.8	12.7	12.6	12.4	12.3	12.2	12.1
16.3	16.2	16	15.8	15.6	15.5	15.3	15.2	15.1	14.8	13.2	14.4	12.5	14.3	14.2	14.1	14	13.8	13.7	13.6	13.4	13.3	13.2	13	12.9	12.8	12.7	12.5	12.4	12.3
16.5	16.4	16.3	16.1	15.9	15.8	15.6	15.5	15.3	15	13.5	14.7	12.7	14.6	14.5	14.3	14.2	14.1	13.9	13.8	13.7	13.5	13.4	13.3	13.1	13	12.9	12.7	12.6	12.5
16.8	16.7	16.5	16.4	16.2	16	15.9	15.7	15.6	15.3	13.7	14.9	12.9	14.9	14.7	14.6	14.4	14.3	14.1	14	13.9	13.7	13.6	13.5	13.3	13.2	13.1	12.9	12.8	12.7
17	16.9	16.7	16.6	16.4	16.3	16.1	15.9	15.8	15.5	13.9	15.2	13.1	15.1	14.9	14.8	14.6	14.5	14.3	14.2	14.1	13.9	13.8	13.6	13.5	13.4	13.2	13.1	13	12.8
17.2	17.1	16.9	16.8	16.6	16.4	16.3	16.1	16	15.7	14	15.3	13.2	15.2	15.1	14.9	14.8	14.6	14.5	14.3	14.2	14.1	13.9	13.8	13.6	13.5	13.3	13.2	13.1	12.9
5.7	5.5	5.4	5.3	5.1	5	4.9	4.8	4.7	4.6	4.5	4.3	4.2	4.1	4	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.2	3.1	3	2.9	2.9	2.8

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Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.5 Table, South Houses (E)

11.6	11.5	11.3	11.2	11.1	11	10.9	10.8	10.7	10.6	10.3	9.3	10.2	10.1	10	9.9	9.2	9.7	9.5	8.6	9.2	9.3	9.3	9.2	8.9	7.8	8.2	8.7	8.7	8.6
11.8	11.7	11.5	11.4	11.3	11.2	11.1	11	10.8	10.7	10.5	9.4	10.4	10.3	10.2	10	9.3	9.9	9.7	8.7	9.4	9.5	9.4	9.3	9.1	7.9	8.4	8.9	8.8	8.7
12	11.9	11.7	11.6	11.5	11.4	11.3	11.2	11	10.9	10.7	9.6	10.6	10.5	10.4	10.2	9.5	10.1	9.8	8.9	9.5	9.6	9.6	9.5	9.2	8	8.5	9	9	8.9
12.2	12	11.9	11.8	11.7	11.6	11.5	11.3	11.2	11	10.8	9.7	10.8	10.7	10.6	10.4	9.6	10.2	10	9	9.7	9.8	9.7	9.6	9.4	8.2	8.6	9	9.1	9
12.4	12.2	12.1	12	11.9	11.8	11.6	11.5	11.3	10.3	10.2	9.9	10.9	10.8	10.7	10.5	9.8	10.4	10.1	9.1	9.8	9.9	9.8	9.7	9.5	8.3	8.6	8.3	9	9.1
12.5	12.4	12.3	12.2	12.1	11.9	11.8	11.7	11.5	10.5	10.3	10	11.1	11	10.9	10.7	10	10.5	10.3	9.3	9.9	10.1	10	9.9	9.6	8.4	8.7	8.4	9.1	9.2
12.7	12.6	12.5	12.3	12.2	12.1	12	11.8	11.6	10.6	10.5	10.1	11.2	11.1	11	10.8	10.1	10.7	10.4	9.4	10.1	10.2	10.1	10	9.7	8.5	8.8	8.5	9.3	9.3
12.8	12.7	12.5	12.4	12.3	12.2	12	11.9	11.7	10.7	10.5	10.2	11.3	11.2	11.1	10.9	10.1	10.7	10.5	9.5	10.1	10.3	10.2	10.1	9.8	8.5	8.9	8.6	9.3	9.4
2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2	2	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.4
180										200																			



Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.5 Table, South Houses (E)

8.5	8.4	8.3	8.2	8.2	8.1	8	7.9	7.8	7.7	7.6	7.6	7.5	7.4	7.3	7.2	7.2	7	6.6	6.6	6.9	6.8	6.7	6.6	6.6	6.5	6.4	6.4	6.3
8.6	8.5	8.4	8.4	8.3	8.2	8.1	8	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.3	7.1	6.7	6.6	7	6.9	6.8	6.7	6.7	6.7	6.6	6.5	6.4	6.4
8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8	8	7.9	7.8	7.7	7.6	7.5	7.4	7.4	7.2	6.8	6.7	7.1	7	6.9	6.8	6.7	6.7	6.6	6.5	6.5
8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.2	8.1	8	7.9	7.8	7.7	7.6	7.5	7.5	7.3	6.8	6.8	7.1	7.1	7	6.9	6.8	6.8	6.7	6.6	6.5
9	8.9	8.8	8.7	8.6	8.5	8.5	8.4	8.3	8.2	8.1	8	7.9	7.8	7.7	7.6	7.6	7.4	6.9	6.9	7.2	7.2	7.1	7	6.9	6.9	6.8	6.7	6.6
9.1	9.1	9	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8	7.9	7.8	7.7	7.7	7.5	7	7	7.3	7.2	7.2	7.1	7	6.9	6.9	6.8	6.7
9.2	9.2	9.1	9	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8	7.9	7.8	7.7	7.6	7.1	7.1	7.4	7.3	7.2	7.2	7.1	7	6.9	6.8	6.8
9.3	9.2	9.1	9	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8	8	7.9	7.8	7.6	7.1	7.1	7.4	7.3	7.3	7.2	7.1	7	6.9	6.9	6.8
1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1	1	1	1	1	0.9	0.9	0.9	0.9	0.9	0.9	(0.8)	(0.8)	(0.8)	(0.8)	(0.8)
																				220							[m]	



Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.5 Table, South Houses (E)

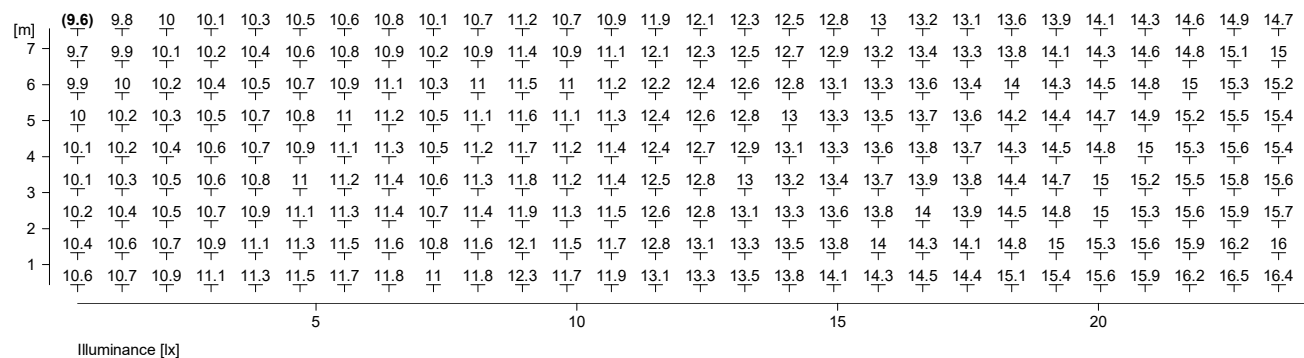
6.2
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Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.6 Table, East Houses 1 (E)



Part1

Average illuminance	$\bar{E}_m$	: 20.1 lx
Minimum illuminance	E_{min}	: 9.6 lx
Maximum illuminance	E_{max}	: 33.5 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 2.09 (0.48)

Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.6 Table, East Houses 1 (E)

15	15.6	15.9	16.1	16.4	16.7	17	17.3	17.7	18	18.3	18.6	19	19.4	19.7	20	20.4	20.9	21.3	21.8	22.2	22.6	21.6	23.4	23.9	24.3	24.7	25	23.8	25.7
15.2	15.9	16.2	16.4	16.7	17	17.4	17.7	18	18.3	18.7	19.1	19.5	19.8	20.2	20.6	21	21.4	21.9	22.3	22.8	23.2	22.2	24	24.5	25	25.4	25.7	24.5	26.5
15.4	16.1	16.4	16.7	17	17.3	17.7	18	18.4	18.7	19.1	19.4	19.9	20.3	20.6	21	21.5	22	22.5	23	23.4	23.8	22.8	24.7	25.2	25.6	26	26.5	25.2	27.2
15.6	16.3	16.6	16.9	17.2	17.6	17.9	18.3	18.6	19	19.4	19.8	20.2	20.6	21	21.5	22	22.5	23	23.5	23.9	24.4	23.3	25.3	25.8	26.2	26.7	27.1	25.7	27.8
15.7	16.4	16.7	17	17.4	17.7	18.1	18.5	18.9	19.3	19.8	20.1	20.6	21	21.5	21.9	22.5	23	23.5	24	24.5	25	23.9	25.9	26.4	26.8	27.3	27.7	26.3	28.5
15.9	16.7	17	17.3	17.6	18	18.3	18.7	19.1	19.5	19.9	20.3	20.8	21.2	21.7	22.2	22.8	23.3	23.8	24.3	24.8	25.3	24.2	26.3	26.9	27.4	27.8	28.2	26.8	29
16	16.7	17.1	17.4	17.8	18.1	18.5	18.9	19.3	19.7	20.1	20.6	21	21.5	22	22.5	23.1	23.6	24.2	24.7	25.2	25.8	24.6	26.7	27.3	27.8	28.3	28.7	27.2	29.4
16.3	17.1	17.4	17.8	18.2	18.5	18.9	19.3	19.7	20.1	20.6	21.1	21.5	22	22.6	23.1	23.7	24.2	24.8	25.4	25.9	26.4	25.3	27.5	28.1	28.5	29	29.5	28	30.3
16.7	17.5	17.8	18.2	18.6	19	19.4	19.8	20.2	20.6	21.1	21.6	22.1	22.6	23.2	23.8	24.3	24.9	25.5	26.1	26.6	27.2	26	28.3	28.9	29.4	29.9	30.3	28.1	30.2
25					30					35					40					45									



1.3 Calculation results, Exterior 1

1.3.6 Table, East Houses 1 (E)

26.1	26.5	26.8	27	27.3	26.8	27.1	28	28.2	28.4	28.6	28.7	28.9	29.1	27.7	29.3
26.8	27.2	27.5	27.7	28	27.5	27.7	28.7	28.9	29.1	29.3	29.4	29.6	29.7	28.3	29.9
27.6	27.9	28.2	28.5	28.8	28.3	28.6	29.5	29.7	29.9	30.1	30.2	30.3	30.4	28.9	30.6
28.2	28.6	28.9	29.2	29.5	29.1	29.3	30.3	30.5	30.7	30.8	31	31.1	31.2	29.6	31.2
28.9	29.2	29.6	29.9	30.2	29.7	29.9	30.9	31.1	31.3	31.4	31.5	31.6	31.6	30	31.7
29.4	29.9	30.2	30.5	30.7	30.3	30.5	31.5	31.6	31.8	31.9	32	32.1	32.2	30.5	32.2
29.9	30.3	30.6	30.9	31.3	30.7	30.9	31.9	32.1	32.3	32.4	32.5	32.6	32.7	30.9	32.6
30.7	31.1	31.5	31.8	32.1	31.6	31.7	32.7	32.9	33.1	33.3	33.3	33.4	33.5	31.7	33.4
30.6	30.9	30.2	30.4	30.7	30	30	31	30.8	30.9	31	31.1	30.6	30.6	30.6	30.5
50					55						60	[m]			



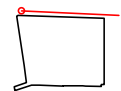
Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.7 Table, North Houses 1 (E)

	4.3	4	4	4.4	4.5	4.6	4.3	4.7	4.7	4.8	4.8	4.9	5	5	5.1	5.2	5.2	5.3	5.3	4.7	5.5	5.5	5.6	5.7	5.7	5.8	5.9	5.4
7	4.3	4	4.1	4.5	4.6	4.6	4.3	4.7	4.8	4.8	4.9	5	5	5.1	5.2	5.2	5.3	5.3	5.4	4.7	5.5	5.6	5.7	5.7	5.8	5.9	6	5.5
6	4.4	4.1	4.1	4.6	4.6	4.7	4.4	4.8	4.8	4.9	5	5	5.1	5.2	5.2	5.3	5.3	5.4	5.5	4.8	5.6	5.7	5.8	5.8	5.9	6	6	5.5
5	4.4	4.1	4.2	4.6	4.7	4.7	4.4	4.8	4.9	5	5	5.1	5.2	5.2	5.3	5.3	5.4	5.5	5.5	4.8	5.7	5.8	5.8	5.9	6	6	6.1	5.6
4	4.5	4.2	4.2	4.7	4.7	4.8	4.5	4.9	5	5	5.1	5.1	5.2	5.3	5.3	5.4	5.5	5.5	5.6	4.9	5.7	5.8	5.9	6	6	6.1	6.2	5.7
3	4.5	4.2	4.3	4.7	4.8	4.8	4.6	5	5	5.1	5.1	5.2	5.3	5.3	5.4	5.5	5.5	5.6	5.7	4.9	5.8	5.9	6	6	6.1	6.2	6.3	5.8
2	4.6	4.2	4.3	4.8	4.8	4.9	4.6	5	5.1	5.1	5.2	5.3	5.3	5.4	5.5	5.5	5.6	5.7	5.7	5	5.9	6	6	6.1	6.2	6.2	6.3	5.8
1	3.7	3.4	3.5	3.9	4	4	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.6	4.7	4.8	4	4.9	4.9	5	5.1	5.1	5.2	5.3	5.4
	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	0.1	0.1	0.1	0.1	0.1

Illuminance [lx]



Part1

Average illuminance	$\bar{E}_m$	: 17.5 lx
Minimum illuminance	E_{min}	: 0 lx
Maximum illuminance	E_{max}	: 36.7 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 471.34 (0.00)

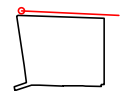
Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.7 Table, North Houses 1 (E)

5.5	5.5	6.2	6.2	6.3	6.4	6.5	6.5	6.6	6.7	6.8	6.9	7	6.4	6.4	7.2	7.3	7.4	7.4	7.5	7	7.7	7.8	7.9	8	8	8.1	8.2	8.3	8.4
5.5	5.6	6.3	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.9	7	7	6.4	6.5	7.3	7.4	7.5	7.5	7.6	7.1	7.8	7.9	8	8.1	8.2	8.3	8.3	8.4	8.5
5.6	5.7	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.9	7	7.1	7.1	6.5	6.6	7.4	7.5	7.6	7.6	7.7	7.2	7.9	8	8.1	8.2	8.3	8.4	8.5	8.6	8.7
5.7	5.8	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7	7.1	7.2	7.2	6.6	6.7	7.5	7.6	7.7	7.7	7.8	7.3	8	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8
5.8	5.8	6.5	6.6	6.7	6.7	6.8	6.9	7	7.1	7.2	7.2	7.3	6.7	6.8	7.6	7.7	7.8	7.8	7.9	7.3	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
5.8	5.9	6.6	6.7	6.7	6.8	6.9	7	7.1	7.2	7.2	7.3	7.4	6.8	6.8	7.7	7.8	7.9	7.9	8	7.4	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9
5.9	6	6.6	6.7	6.8	6.9	7	7.1	7.2	7.2	7.3	7.4	7.5	6.8	6.9	7.7	7.8	7.9	8	8.1	7.5	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9	9.1
5.4	5.5	5.6	5.6	5.7	5.8	5.9	5.9	6	6.1	6.2	6.2	6.3	5.6	5.7	6.5	6.6	6.7	6.8	6.9	7	7	7.1	7.2	7.3	7.4	7.5	7.6	7.6	7.7
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

25

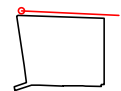


Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.7 Table, North Houses 1 (E)

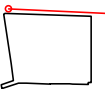
8.5	7.8	7.9	8.8	8.9	9	9.1	9.2	9.3	8.9	9	9.1	9.2	9.8	9.3	9.4	10.1	10.3	10.4	10.5	10.6	9.7	10.8	10.9	11.1	11.2	11.3	11.4	11.5	11.6
8.6	7.9	8	8.9	9	9.1	9.2	9.3	9.4	9	9.1	9.2	9.3	10	9.4	9.5	10.3	10.4	10.6	10.7	10.8	9.9	11	11.1	11.2	11.3	11.5	11.6	11.7	11.8
8.7	8	8.1	9.1	9.2	9.3	9.4	9.5	9.6	9.1	9.2	9.3	9.4	10.1	9.5	9.6	10.4	10.6	10.7	10.8	10.9	10	11.1	11.3	11.4	11.5	11.7	11.8	11.9	12
8.9	8.1	8.2	9.2	9.3	9.4	9.5	9.6	9.7	9.2	9.3	9.5	9.6	10.3	9.7	9.8	10.6	10.7	10.9	11	11.1	10.2	11.3	11.4	11.6	11.7	11.8	12	12.1	12.2
9	8.2	8.3	9.3	9.4	9.5	9.6	9.7	9.8	9.4	9.5	9.6	9.7	10.4	9.8	9.9	10.7	10.9	11	11.1	11.2	10.3	11.5	11.6	11.8	11.9	12	12.1	12.3	12.4
9.1	8.3	8.4	9.4	9.5	9.6	9.8	9.9	10	9.5	9.6	9.7	9.8	10.6	9.9	10	10.9	11	11.2	11.3	11.4	10.4	11.6	11.8	11.9	12	12.2	12.3	12.4	12.5
9.2	8.4	8.5	9.5	9.6	9.7	9.8	10	10.1	9.6	9.7	9.8	9.9	10.6	10	10.1	11	11.1	11.2	11.4	11.5	10.5	11.7	11.9	12	12.1	12.3	12.4	12.5	12.6
7.8	7	7.1	7.6	7.7	7.8	7.9	8	7.6	7.7	7.8	7.9	8	8.1	7.4	7.5	8	8.1	8.2	8.3	8.4	8.1	8.7	8.8	8.9	9	9.1	9.2	9.4	9.5
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
50																													75



1.3 Calculation results, Exterior 1

1.3.7 Table, North Houses 1 (E)

11.7	11.9	12	12.1	12.3	12.4	12.5	10.5	12.7	12.9	13.1	13.3	13.4	13.5	13.7	13.8	14	14.2	13.3	14.5	14.6	14	14.3	15.2	15.4	15.6	15.8	15.9	13.6	15.6
11.9	12.1	12.2	12.3	12.5	12.6	12.7	10.6	13	13.1	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	13.6	14.7	14.9	14.3	14.5	15.5	15.7	15.9	16	16.2	13.8	15.8
12.1	12.3	12.4	12.5	12.7	12.8	12.9	10.8	13.2	13.3	13.5	13.7	13.8	14	14.1	14.3	14.4	14.6	13.8	15	15.1	14.5	14.8	15.7	15.9	16.1	16.3	16.4	13.9	16.1
12.3	12.4	12.6	12.7	12.9	13	13.1	10.9	13.4	13.5	13.7	13.9	14	14.2	14.4	14.5	14.6	14.9	14	15.2	15.4	14.7	15	15.9	16.1	16.3	16.5	16.7	14	16.3
12.5	12.6	12.8	12.9	13	13.2	13.3	11.1	13.6	13.7	13.9	14.1	14.2	14.4	14.6	14.7	14.9	15.1	14.2	15.4	15.6	14.9	15.2	16.2	16.4	16.6	16.7	16.9	14.2	16.5
12.7	12.8	13	13.1	13.2	13.4	13.5	11.3	13.8	14	14.1	14.3	14.5	14.6	14.8	15	15.1	15.3	14.4	15.6	15.8	15.2	15.4	16.4	16.6	16.8	17	17.2	14.3	16.7
12.8	12.9	13.1	13.2	13.4	13.5	13.6	11.3	13.9	14.1	14.2	14.4	14.5	14.7	14.9	15	15.2	15.4	14.4	15.7	15.9	15.2	15.5	16.4	16.6	16.8	17	17.2	14.2	16.7
9.6	9.7	9.9	10	10.1	10.2	10.4	8	10.6	10.8	10.9	11.1	11.2	11.4	11.5	11.7	11.8	12	11.6	12.3	12.5	12.7	12.8	13	13.2	13.4	13.6	13.8	10.6	13.6
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
5																													100



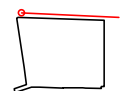
Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.7 Table, North Houses 1 (E)

15.8	16	16.1	17.2	17.6	17.7	18.1	17.5	17.7	18.7	19	19.2	17.3	19.8	20.1	20.4	20.7	21	21.3	21.6	21.9	22.3	22.6	23	23.3	23.5	23.8	23.4	24.7
16	16.3	16.3	17.5	17.9	18	18.3	17.7	17.9	19	19.2	19.5	17.5	20	20.3	20.6	20.9	21.2	21.6	21.9	22.2	22.6	22.9	23.2	23.6	23.8	24.1	23.7	25
16.3	16.5	16.6	17.8	18.1	18.2	18.6	18	18.2	19.2	19.5	19.7	17.7	20.3	20.6	20.9	21.2	21.5	21.8	22.1	22.5	22.8	23.2	23.5	23.9	24.1	24.4	23.9	25.3
16.5	16.7	16.8	18	18.4	18.5	18.8	18.2	18.4	19.5	19.7	20	17.9	20.5	20.9	21.2	21.5	21.8	22.1	22.4	22.8	23.1	23.4	23.8	24.1	24.3	24.7	24.2	25.6
16.7	17	17	18.3	18.6	18.7	19.1	18.4	18.7	19.7	20	20.2	18.1	20.8	21.1	21.4	21.7	22	22.4	22.7	23	23.3	23.7	24	24.4	24.6	25	24.4	25.8
17	17.2	17.3	18.5	18.8	18.9	19.3	18.7	18.9	19.9	20.2	20.5	18.2	21	21.3	21.6	22	22.3	22.6	22.9	23.2	23.6	23.9	24.2	24.6	24.9	25.2	24.6	26.1
16.9	17.1	17.2	18.4	18.7	18.8	19.1	18.5	18.7	19.8	20.1	20.3	18	20.9	21.2	21.5	21.7	22.1	22.3	22.6	23	23.3	23.6	23.9	24.3	24.6	25	24.2	25.7
13.8	14	14.3	14.4	14.6	14.9	15.1	15.3	15	15.2	15.5	15.8	14.6	16.3	16.6	16.9	17.2	17.6	17.4	17.7	18	18.3	18.7	19	19.4	19.8	20.2	19.5	20.9
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

125



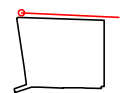
Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.7 Table, North Houses 1 (E)

25	25.4	25.7	26.1	26.5	26.8	26.3	27.5	26.8	28.1	28.5	28.7	29.1	29.2	29.7	30	30.3	30.6	22.6	30.9	31.3	31.5	31.7	31.2	32.1	32	32.5	32.5	32.7	33
25.4	25.7	26	26.5	26.8	27.2	26.6	27.8	27.2	28.5	28.8	29	29.4	29.6	30.1	30.4	30.6	30.9	22.7	31.2	31.6	31.9	32.1	31.6	32.5	32.4	32.9	33	33.2	33.4
25.7	26	26.3	26.7	27.1	27.5	26.9	28.1	27.5	28.8	29.2	29.4	29.8	30	30.5	30.7	31	31.3	22.8	31.6	32	32.3	32.5	32	33	32.9	33.4	33.5	33.6	33.9
26	26.3	26.6	27	27.4	27.8	27.2	28.5	27.8	29.2	29.5	29.9	30.3	30.4	30.9	31.1	31.4	31.7	23	32	32.5	32.8	33	32.5	33.5	33.4	33.9	33.9	34.1	34.3
26.2	26.6	26.8	27.3	27.7	28.1	27.4	28.8	28.1	29.5	29.9	30.1	30.6	30.7	31.2	31.5	31.7	32	23.1	32.4	32.8	33.1	33.4	32.8	33.8	33.8	34.3	34.3	34.4	34.7
26.5	26.8	27.1	27.6	27.9	28.3	27.6	29	28.4	29.7	30.2	30.4	30.8	31	31.5	31.8	32.1	32.3	23.2	32.7	33.2	33.4	33.7	33.1	34.2	34.1	34.6	34.7	34.8	35
26.1	26.4	26.7	27.2	27.5	27.9	27.2	28.6	28	29.3	29.7	30	30.4	30.5	31	31.3	31.6	31.9	22.6	32.3	32.7	33	33.3	32.6	33.7	33.7	34.2	34.2	34.4	34.7
21.3	21.7	22.1	22.5	22.9	23.3	23.7	24.1	24.5	24.9	25.2	25.6	26	26.4	26.7	27.1	27.4	27.8	18.3	28.2	28.7	29	29.3	29.6	29.9	30.1	30.3	30.5	30.7	31
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6

150

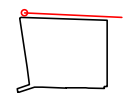


Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.7 Table, North Houses 1 (E)

33.1	33.3	33.1	33.2	33.6	33.7	33.7	33.1	33.8	33.9	33.9	34	34	33.9	33.9	34.2	34.2	34.1	34.1	34.3	34.4	34.4	34.5	34.5	34.5	34.6	34.6	29	34.4	
33.6	33.7	33.5	33.6	34	34.1	34.2	33.6	34.3	34.4	34.3	34.5	34.5	34.4	34.4	34.6	34.7	34.6	34.6	34.8	34.8	34.9	34.9	34.9	35	34.9	35	35	29.2	34.8
34	34.2	34	34.1	34.4	34.5	34.6	34	34.7	34.8	34.8	34.9	34.9	34.8	34.8	35.1	35.1	35.1	35.1	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	29.5	35.2	
34.4	34.6	34.5	34.6	34.9	35	35	34.4	35.2	35.3	35.3	35.4	35.5	35.3	35.3	35.5	35.6	35.6	35.6	35.8	35.8	35.9	35.9	35.8	35.8	35.8	35.9	35.9	29.7	35.6
34.8	35	34.9	35	35.3	35.4	35.5	34.9	35.6	35.7	35.8	35.8	35.8	35.6	35.7	35.9	36	36	36	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	30	36
35.2	35.3	35.3	35.4	35.7	35.8	35.9	35.2	36	36	36.1	36.1	36.2	36	36	36.3	36.4	36.3	36.4	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.7	36.6	36.2
34.8	34.9	35.1	35.2	35.3	35.4	35.5	34.8	35.6	35.7	35.8	35.8	35.8	35.6	35.7	35.9	36	36	36.1	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	29.6	35.8	
31.1	31.3	31.5	31.7	31.8	31.9	32.1	32.2	32.3	32.4	32.5	32.5	32.6	32.6	32.7	32.8	32.8	32.9	32.9	33	33.1	33.1	33.1	33.2	33.2	33.2	33.2	26.5	33	
0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	
175																													

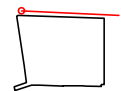


Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.7 Table, North Houses 1 (E)

34.3	34.4	34.5	34.5	34.4	34.4	34.1	34.3	34.2	33.7	33	33.5	33.8	33.7	33.3	33.2	32.9	32.8	32.8	32.6	32.3	31.7	31.6	31.6	31.4	31.1	30.8	26.4	30.1	30
34.7	34.9	34.9	34.9	34.8	34.8	34.6	34.7	34.6	34.1	33.4	33.9	34.2	34.1	33.7	33.6	33.3	33.1	33.2	33	32.7	32.1	31.9	32	31.7	31.5	31.2	26.6	30.5	30.3
35.1	35.3	35.4	35.3	35.3	35.2	35	35.1	35	34.6	33.8	34.3	34.6	34.5	34.1	34	33.7	33.5	33.5	33.4	33.1	32.5	32.3	32.4	32.1	31.9	31.6	26.8	30.8	30.6
35.5	35.7	35.8	35.8	35.7	35.7	35.4	35.5	35.4	35	34.2	34.7	35	34.9	34.5	34.3	34.1	33.9	33.9	33.7	33.5	33	32.7	32.7	32.4	32.1	31.8	27	31.1	31
35.9	36	36.2	36.2	36.1	36	35.8	35.9	35.8	35.4	34.5	35	35.3	35.2	34.8	34.7	34.4	34.3	34.3	34	33.8	33.3	33.1	33	32.7	32.4	32.1	27.2	31.4	31.3
36.2	36.4	36.5	36.4	36.4	36.3	36	36.2	36.1	35.6	34.7	35.2	35.5	35.4	35	34.9	34.7	34.5	34.5	34.3	34	33.6	33.3	33.2	32.9	32.7	32.3	27.3	31.6	31.4
35.7	35.8	36	35.9	35.9	35.8	35.5	35.6	35.5	35	34.2	34.7	35	34.8	34.4	34.3	34.1	33.9	33.9	33.6	33.4	33.2	32.9	32.6	32.4	32.1	31.8	26.6	31	30.9
33.1	33.1	33	33	32.9	32.9	32.9	32.7	32.7	32.5	31.5	32.2	32.1	31.9	31.8	31.6	31.4	31.1	30.9	30.6	30.4	30.1	29.8	29.5	29.2	28.9	28.6	23.6	27.8	27.7
0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4
																											200		

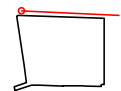


Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.7 Table, North Houses 1 (E)

29.6	29.3	29	28.7	28.3	28	26.8	27.3	27	26.8	26.5	26.2	25.9	25.2	24.9	25	24.6	24.3	21.2	23.3	23.2	22.4	22.3	21.4	21.3	21.8	21.6	21.3	20.7
29.9	29.6	29.3	29	28.7	28.4	27.1	27.7	27.4	27.1	26.9	26.6	26.3	25.7	25.3	25.3	25	24.7	21.5	23.6	23.6	22.8	22.7	21.8	21.7	22.2	22	21.7	21
30.3	30	29.7	29.4	29	28.8	27.5	28.1	27.8	27.6	27.3	27	26.7	26	25.7	25.7	25.4	25.1	21.8	24	24	23.2	23.1	22.2	22	22.6	22.3	22.1	21.4
30.6	30.3	30	29.7	29.4	29.1	27.8	28.5	28.2	28	27.7	27.4	27.1	26.4	26.1	26.1	25.8	25.5	22	24.4	24.3	23.6	23.5	22.5	22.4	22.9	22.7	22.5	21.7
30.9	30.6	30.3	30	29.7	29.4	28.1	28.8	28.5	28.3	28	27.7	27.4	26.7	26.4	26.5	26.1	25.8	22.3	24.7	24.7	23.9	23.8	22.8	22.7	23.3	23	22.8	22
31.1	30.8	30.5	30.2	29.9	29.6	28.3	29.1	28.8	28.5	28.2	27.9	27.7	27	26.7	26.8	26.4	26.1	22.4	25	25	24.2	24.1	23.1	23	23.6	23.4	23.1	22.3
30.6	30.3	30	29.7	29.5	29.2	27.8	28.6	28.4	28.1	27.9	27.6	27.3	26.7	26.4	26.5	26.2	25.9	22.2	24.8	24.7	24	23.9	23	22.8	23.5	23.2	23	22.3
27.4	27	26.7	26.4	26.1	25.8	25.5	25.2	24.9	24.6	24.3	24	23.7	23.4	23.1	22.7	22.4	22	18.6	21.3	21	20.7	20.4	20	19.7	19.4	19.1	18.8	18.5
0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
225																												



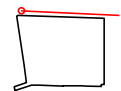
Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.7 Table, North Houses 1 (E)

17.5	20.4	20.2	19.9	19.7	19.4	18.8	19	18.7	18.6	18.3	18.1	17.8	17.6	16.6	14.4	17	17	16.8	16.6	16.4	16.2	16	15.9	15	14.6	14.6	15.1	15	14.9
17.7	20.7	20.6	20.3	20	19.8	19.1	19.3	19.1	18.9	18.7	18.5	18.1	17.9	16.8	14.6	17.3	17.2	17.1	16.9	16.7	16.5	16.3	16.1	15.2	14.8	14.8	15.4	15.3	15.1
18	21.1	20.9	20.7	20.4	20.1	19.4	19.6	19.4	19.2	19	18.8	18.4	18.2	17.1	14.8	17.6	17.5	17.3	17.1	16.9	16.8	16.6	16.4	15.5	15.1	15.1	15.6	15.5	15.4
18.2	21.5	21.3	21	20.7	20.5	19.7	20	19.8	19.5	19.3	19.1	18.7	18.5	17.3	15	17.8	17.8	17.6	17.4	17.2	17	16.8	16.7	15.7	15.3	15.3	15.9	15.8	15.7
18.4	21.8	21.6	21.3	21.1	20.8	20	20.3	20.1	19.8	19.6	19.4	19.1	18.8	17.6	15.2	18.1	18.1	17.9	17.7	17.5	17.3	17.1	16.9	15.9	15.5	15.6	16.1	16	15.9
18.6	22.1	21.9	21.6	21.3	21.1	20.3	20.6	20.4	20.1	19.9	19.7	19.4	19.1	17.8	15.4	18.3	18.3	18.1	17.9	17.7	17.5	17.3	17.1	16.1	15.7	15.7	16.3	16.3	16.1
18.5	22.1	21.9	21.6	21.4	21.2	20.4	20.6	20.4	20.2	20	19.7	19.5	19.2	17.9	15.4	18.4	18.4	18.2	18	17.8	17.6	17.5	17.3	16.3	15.8	15.9	16.5	16.4	16.2
14	17.7	17.5	17.2	16.9	16.6	16.6	16.3	16.8	17.3	17.1	18	18.4	19.5	18.1	15.7	18.7	18.7	18.5	18.3	18.1	18	17.8	17.6	16.6	16.1	16.2	16.8	16.7	16.5
0.5	0.4	0.4	0.4	0.4	0.4	0.4	1.4	1.9	1.8	1.8	1.7	1.6	8.2	10.1	10.4	10.3	11	10.9	10.8	10.7	11.9	14.3	14.8	13.8	14.7	14.1	15.2	16.2	16.8

250 [m]

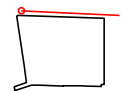


Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.7 Table, North Houses 1 (E)

14.7	14.6	14.5	14.3	14.2	14	13	13.7	13.6	12.6	13.3	13.2	13.1	12	12.8	12.7	12.6	12.4	12.3	12.2	12
15	14.8	14.7	14.6	14.4	14.3	13.2	13.9	13.8	12.8	13.5	13.4	13.3	12.1	13	12.9	12.8	12.6	12.5	12.3	12.2
15.3	15.1	15	14.8	14.7	14.5	13.4	14.1	14.1	12.9	13.7	13.6	13.5	12.3	13.2	13.1	12.9	12.8	12.7	12.5	12.4
15.5	15.3	15.2	15	14.9	14.7	13.6	14.3	14.3	13.1	14	13.8	13.7	12.5	13.4	13.3	13.1	13	12.8	12.7	12.6
15.7	15.6	15.4	15.2	15.1	14.9	13.7	14.5	14.5	13.3	14.1	14	13.9	12.7	13.6	13.5	13.3	13.2	13	12.9	12.8
15.9	15.7	15.6	15.4	15.2	15.1	13.9	14.7	14.6	13.4	14.3	14.2	14.1	12.8	13.8	13.6	13.5	13.3	13.2	13.1	12.9
16.1	15.9	15.8	15.6	15.4	15.3	14.1	14.9	14.8	13.6	14.5	14.4	14.3	13	13.9	13.8	13.7	13.5	13.4	13.2	13.1
16.3	16.2	16	15.9	15.7	15.5	14.3	15.1	15.1	13.8	14.8	14.6	14.5	13.2	14.2	14.1	13.9	13.8	13.6	13.5	13.3
16.7	16.5	16.3	16.2	16	15.8	14.6	15.4	15.4	14.1	15	14.9	14.8	13.5	14.4	14.3	14.1	14	13.8	13.7	13.6



Object : Kedbull Leisure - External Lighting - 2026
 Installation : General Lighting
 Project number :
 Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.8 Table, East Houses 2 (E)

	32.1	32	31.8	31.7	31.6	31.4	31.5	31.4	31.4	31.4	31.4	31.3	31	31	31.5	30.7	31.3	29.5	31.7	31.7	30.2	31.1	31.8	31.9	32.2	32.3	32.3	32.4
7	32.8	32.6	32.5	32.3	32.2	32	32	32	31.9	31.9	31.9	31.9	31.6	31.5	32	31.2	31.8	30	32.3	32.3	30.7	31.7	31.8	32.5	32.8	32.9	33	33.1
6	33.5	33.3	33.2	33	32.9	32.7	32.6	32.5	32.5	32.4	32.5	32.4	32.1	32.1	32.5	31.7	32.4	30.5	32.8	32.9	31.3	32.2	32.4	31.8	33.1	33.5	33.6	33.7
5	34.2	34	33.8	33.6	33.4	33.3	33.2	33.1	33.1	33	33.1	33.1	32.7	32.7	33.1	32.2	33	31	33.4	33.5	31.9	32.8	33	32.4	33.5	34.2	34.3	34.4
4	34.7	34.5	34.2	34	33.8	33.7	33.6	33.5	33.4	33.4	33.4	33.4	33	33	33.5	32.6	33.3	31.3	33.8	33.8	32.2	33.2	33.4	32.8	33.9	34.6	34.6	35
3	35	34.8	34.6	34.4	34.2	34	33.9	33.8	33.8	33.7	33.7	33.7	33.3	33.3	33.7	32.8	33.5	31.5	34	34.1	32.5	33.5	33.6	33	34.2	35	34.9	35.3
2	35.5	35.2	35	34.8	34.6	34.4	34.2	34.1	34	34	34	33.9	33.6	33.5	34	33	33.7	31.7	34.2	34.4	32.7	33.7	33.9	33.3	34.4	35.3	35.2	35.5
1	36.3	36	35.8	35.5	35.3	35.1	35	34.8	34.7	34.6	34.6	34.5	34.1	34.2	34.6	33.7	34.4	32.3	34.8	35	33.3	34.3	34.5	33.9	35.1	35.9	35.9	36.2
	32.3	31.9	31.6	31.3	31	30.7	30.6	30.3	30.2	30.1	29.9	29.9	29.3	29.3	29.8	28.7	29.8	29.3	29.9	30	28.8	29.6	29.6	29	30	30.8	30.9	31
Illuminance [lx]		20																										



Part1

Average illuminance	$\bar{E}_m$	: 29.4 lx
Minimum illuminance	E_{min}	: 13.4 lx
Maximum illuminance	E_{max}	: 42.9 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 2.19 (0.46)

Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.8 Table, East Houses 2 (E)

32.5	32.4	32.6	32.7	32.8	32.9	32.9	33.1	33.1	30.6	30.7	33.4	33.6	33.7	33.7	30.8	33.6	33.8	33.9	34.1	34.2	34.3	34.3	32.2	34.4	34.4	34.3	34.3	34.2	34.1
33.2	33.2	33.3	33.4	33.5	33.7	33.7	33.8	34	31.4	31.5	34.3	34.6	34.6	34.7	31.8	34.8	34.9	35.1	35.2	35.4	35.5	35.5	33.4	35.7	35.6	33.3	35.5	35.5	35.4
33.8	33.8	34	34.1	34.3	34.4	34.4	34.6	34.8	32.2	32.3	35.2	35.5	35.5	35.7	32.7	35.9	36.1	36.4	36.5	36.5	36.7	36.8	34.6	36.9	36.9	34.6	36.8	36.8	36.7
34.5	34.6	34.8	34.9	35	35.1	35.2	35.5	35.6	33	33.1	36.2	36.3	36.4	36.7	33.7	37	37.4	37.5	37.8	37.9	38	38.1	35.8	38.2	38.2	35.8	38.1	38.1	38
35	35.1	35.2	35.4	35.5	35.7	35.8	36.1	36.3	33.6	33.7	36.9	37	37.2	37.5	34.5	38	38.3	38.6	38.8	39.1	39.2	39.3	36.9	39.3	39.3	37	39.3	39.2	39.1
35.4	35.5	35.7	35.9	36	36.2	36.4	36.6	36.8	34.1	34.2	37.4	37.7	38	38.3	35.2	38.8	39.2	39.5	39.9	40	40.2	40.3	38	40.4	40.4	38	40.3	40.2	40.2
35.7	35.9	36.1	36.2	36.4	36.6	36.9	37.1	37.4	34.6	34.6	38	38.3	38.6	39	35.9	39.6	40.1	40.5	40.7	41	41.1	41.2	38.9	41.4	41.4	39	41.3	41.4	41.3
36.4	36.6	36.6	36.8	37.2	37.5	37.8	38	38.3	35.4	35.5	39	39.4	39.7	40.1	36.9	40.7	41.3	41.6	42	42.2	42.4	42.5	40.2	42.8	[42.9]	40.5	42.8	42.8	42.6
31.2	31.4	31.4	31.6	32	32.3	32.6	32.9	33.1	30.1	30.4	33.9	34.4	34.8	35.2	32	35.9	36.4	36.7	37	37.2	37.5	37.7	35.2	37.9	38	35.6	38.1	37.8	37.7

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Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.8 Table, East Houses 2 (E)

33.9	33.8	33.7	31	33.3	33	32.8	32.6	32.3	32.1	32.1	31.8	31.7	31.4	31.2	31	30.8	30.5	30.3	30.1	29.9	29.7	29.5	29.2	29	28.8	26.3	27.6	25.6	27.6
35.2	35	34.9	32.1	34.4	34.2	34	33.9	33.3	33	33	32.7	32.7	32.4	32.1	31.8	31.6	31.4	31.1	30.9	30.6	30.4	30.2	30	29.7	29.5	26.9	28.3	26.2	28.3
36.6	36.3	36.1	33.2	35.7	35.5	35.2	35	34.4	34.1	34	33.7	33.7	33.4	33.1	32.7	32.4	32.2	31.9	31.7	31.4	31.2	30.9	30.6	30.4	30.2	27.5	29	26.9	29
37.8	37.7	37.4	34.5	37	36.7	36.4	36.2	35.5	35.1	35.1	34.7	34.7	34.3	34	33.6	33.3	33.1	32.8	32.5	32.2	31.9	31.6	31.4	31.1	30.9	28.2	29.7	27.5	29.6
39	39	38.8	35.6	38.1	37.8	37.5	37.2	36.5	36.1	35.9	35.6	35.6	35.2	34.9	34.5	34.1	33.8	33.6	33.3	33	32.7	32.3	32.1	31.8	31.6	28.8	30.3	28.1	30.3
40.1	39.9	39.7	36.6	39	38.7	38.4	38	37.2	36.8	36.6	36.2	36.2	35.9	35.5	35.1	34.8	34.4	34.1	33.8	33.5	33.2	32.9	32.5	32.2	31.9	29	30.6	28.4	30.6
41.1	40.9	40.6	37.5	40.1	39.6	39.3	38.9	38	37.6	37.3	36.9	36.8	36.5	36.2	35.7	35.4	35	34.6	34.2	34	33.6	33.3	32.9	32.6	32.3	29.3	30.9	28.6	30.9
42.5	42.3	42	38.7	41.4	41	40.5	40	39.2	38.7	38.5	38.1	37.9	37.5	37.1	36.7	36.3	35.9	35.5	35.2	34.9	34.5	34.1	33.7	33.4	33.1	30	31.7	29.3	31.6
37.5	37.3	37	36.6	36.3	35.9	35.4	34.8	33.9	33.3	33.3	32.8	32.3	31.8	31.4	30.9	30.5	30.1	29.6	29.2	28.8	28.5	28.1	27.7	27.3	27	24.2	25.6	24.8	25.5

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Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
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1.3 Calculation results, Exterior 1

1.3.8 Table, East Houses 2 (E)

26.9	27.1	25.5	26.5	26.2	25.9	25.6	24.9	24.2	23.8	23.6	24.2	23.9	23.6	23.4	23.2	22.9	22.8	22.5	22.1	21.9	21.7	21.5	19.7	21.4	21.3	21.1	21	20.9	20.7
27.6	27.9	26.3	27.1	26.8	26.5	26.2	25.4	24.7	24.3	24.1	24.7	24.4	24.1	23.9	23.7	23.4	23.2	22.9	22.5	22.3	22.1	21.9	20.1	21.8	21.7	21.6	21.5	21.3	21.2
28.3	28.5	26.9	27.8	27.4	27.1	26.7	26	25.3	24.8	24.5	24.7	24.4	23.7	24.4	24.2	23.9	23.7	23.4	23	22.8	22.6	22.3	20.5	22.2	22	22	21.3	21.8	21.7
28.9	29.1	27.4	28.4	28.1	27.7	27.3	26.5	25.8	25.4	25	25.2	24.9	24.2	24.9	24.7	24.4	24.2	23.9	23.4	23.3	23.1	22.8	21	22.7	22.4	22.3	21.3	22.4	22.3
29.5	29.7	28	29	28.7	28.4	28	27.1	26.4	25.8	25.5	25.7	25.4	24.7	25.5	25.2	24.9	24.6	24.4	23.9	23.7	23.6	23.3	21.4	23.2	22.9	22.8	21.8	22.9	22.8
29.8	30	28.3	29.3	29	28.7	28.3	27.4	26.5	26.1	25.8	26	25.8	25	25.7	25.5	25.1	24.8	24.6	24.2	24	23.8	23.5	21.6	23.4	23.1	23.1	22	23.1	23
30	30.2	28.5	29.6	29.3	29	28.6	27.7	26.8	26.3	26	26.3	26	25.2	25.9	25.6	25.3	25	24.8	24.3	24.2	24	23.8	21.7	23.6	23.4	23.3	22.2	23.2	23.2
30.7	30.9	29.1	30.3	30	29.6	29.3	28.3	27.5	27.1	26.7	26.9	26.6	25.8	26.5	26.2	25.9	25.6	25.4	25	24.8	24.6	24.4	22.3	24.3	24	23.9	22.6	23.7	23.7
24.6	24.9	23.4	24.2	23.9	23.6	23.2	22.3	21.5	21.1	20.9	21	20.8	20.1	20.8	20.5	20.3	20.1	19.9	19.7	19.5	19.4	19.2	19.2	19	18.6	18.5	17.3	18.5	18.4
80																100													



Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
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1.3 Calculation results, Exterior 1

1.3.8 Table, East Houses 2 (E)

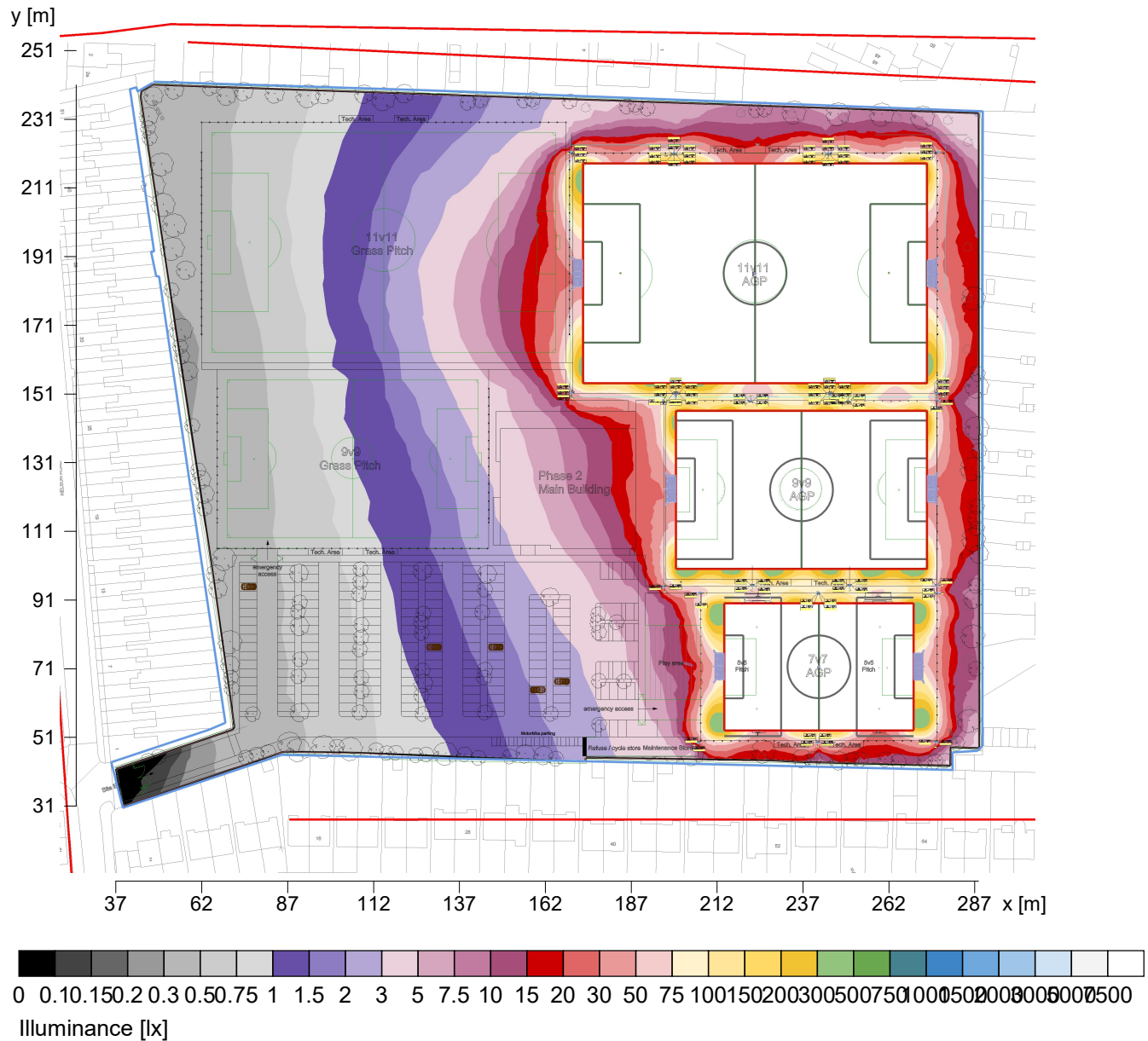
20.6	18.1	20.5	20.5	18	20.2	20.2	20.1	19.9	19.8	19.6	19.3	19.2	18.4	18.2	19	18.8	18.7	18.7	17.5	17.9	18.2	18	17.8	17.6	17.4	17.2	17.1	16.9
21.2	18.6	20.9	20.9	18.4	20.7	20.6	20.5	20.4	20.3	19.2	19.8	19.7	18.8	18.7	19.5	19.4	19.3	19.1	17.9	18.3	18.6	18.4	18.2	17.2	17.8	17.4	16.7	17.2
21.7	19	21.4	21.4	18.8	21.1	21.1	21	20.8	20.7	19.7	20.2	20.1	19.3	19.3	20	19.9	19.7	19.6	18.3	18.7	19	18.9	18.6	17.6	18.2	17.8	17	17.6
22.2	19.4	21.9	21.8	19.2	21.6	21.5	21.4	21.3	21.2	20.1	20.7	20.7	19.8	19.7	20.5	20.3	20.2	20	18.7	19.1	19.4	19.2	19	18	18.6	18.2	17.4	17.9
22.6	19.8	22.3	22.3	19.5	22	22	21.9	21.8	21.7	20.7	21.2	21.1	20.2	20.1	20.9	20.7	20.6	20.4	19.1	19.5	19.8	19.6	19.4	18.4	18.9	18.5	17.7	18.3
22.9	19.9	22.5	22.5	19.7	22.2	22.2	22.1	22.1	22	20.9	21.4	21.3	20.4	20.3	21.1	20.9	20.8	20.6	19.3	19.7	20	19.8	19.6	18.6	19.2	18.7	17.9	18.5
23.1	20.1	22.7	22.7	19.8	22.4	22.5	22.4	22.3	22.2	21.1	21.7	21.6	20.6	20.5	21.3	21.1	20.9	20.8	19.4	19.9	20.2	20	19.8	18.7	19.4	19	18.2	18.7
23.6	20.5	23.3	23.2	20.3	23.1	23	23	22.8	22.7	21.6	22.2	22	21.1	20.9	21.7	21.6	21.4	21.2	19.8	20.3	20.6	20.4	20.2	19.2	19.8	19.3	18.5	19.1
18.4	15.3	18.1	18	15.1	17.8	17.8	17.6	17.5	17.4	17.2	16.8	16.7	15.7	15.5	16.3	16.2	16	15.8	14.9	15.4	15.2	15.2	15.2	14.1	14.7	14.3	(13.4)	14
120 [m]																												



Object : Kedbull Leisure - External Lighting - 2026
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1.3 Calculation results, Exterior 1

1.3.9 Pseudo colours, Floor (E)

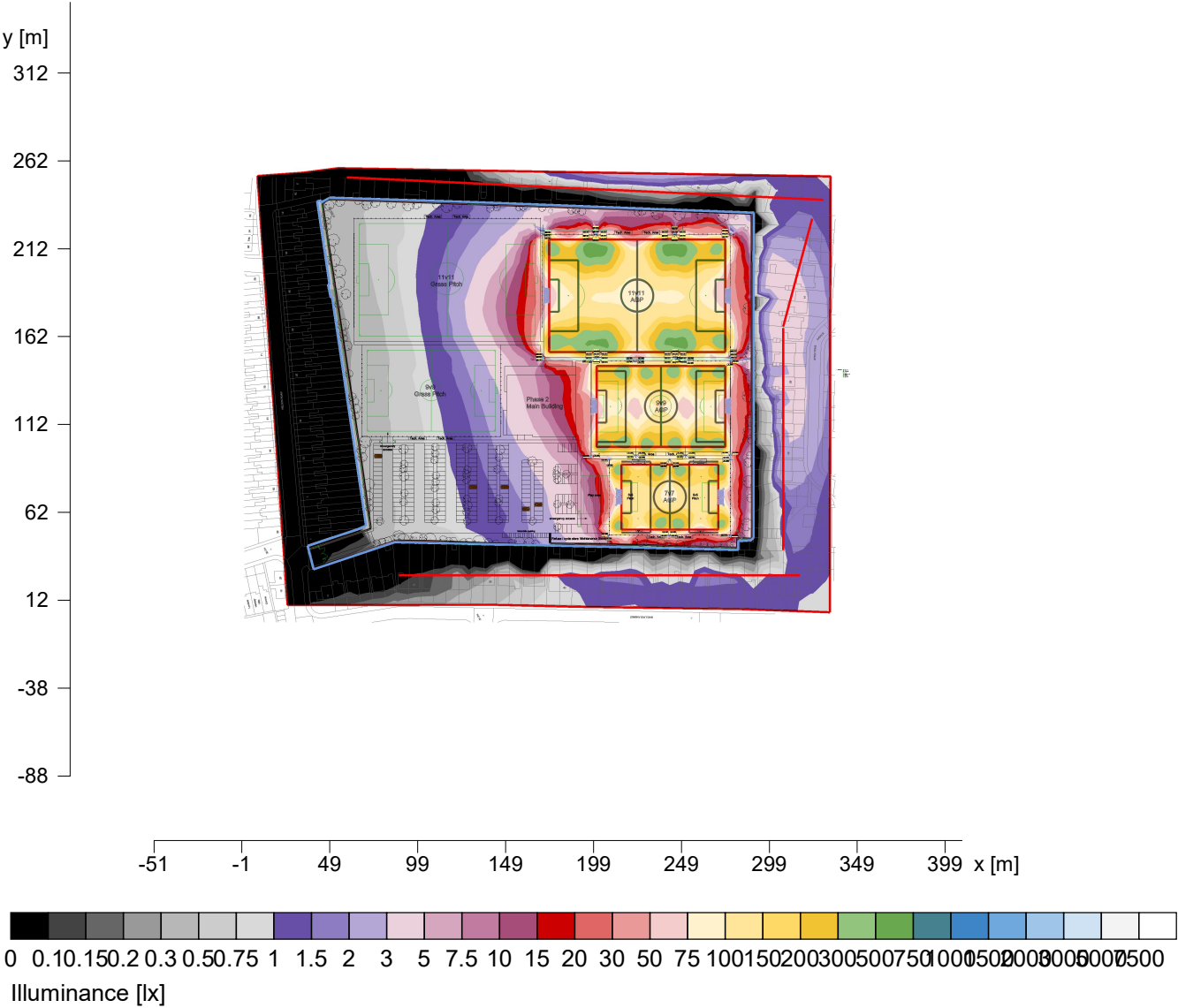


Average illuminance
Minimum illuminance
Maximum illuminance
Uniformity U_0

$\bar{E}_m$	: 18 lx
E_{min}	: 0 lx
E_{max}	: 216 lx
$E_{min}/\bar{E}_m$	: 1 : 169.87 (0.01)

1.3 Calculation results, Exterior 1

1.3.10 Pseudo colours, Reference plane 1 (E)

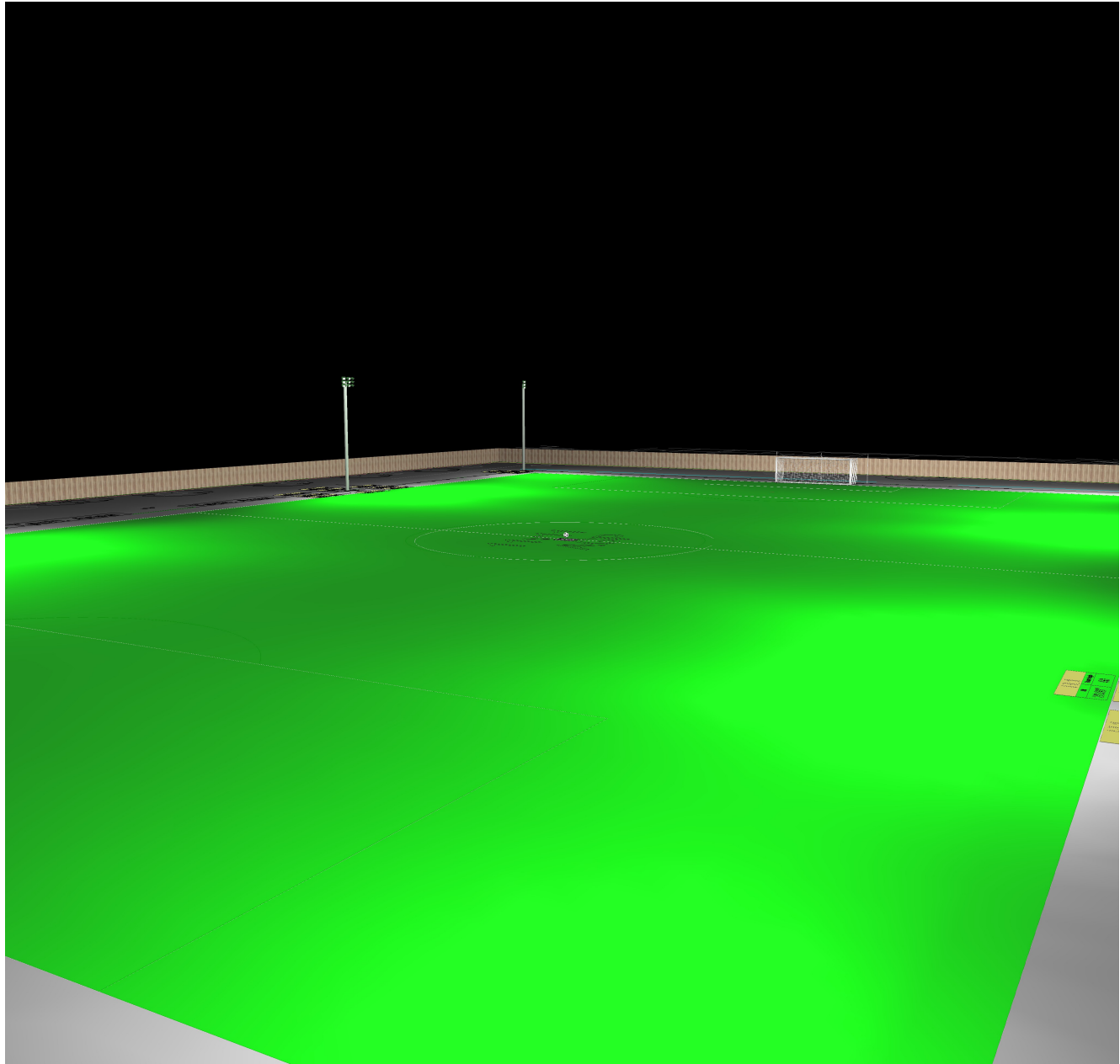


Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 37 lx
Minimum illuminance	E_{min}	: 0 lx
Maximum illuminance	E_{max}	: 555 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: ---

Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
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1.3 Calculation results, Exterior 1

1.3.11 3D luminance, View 1



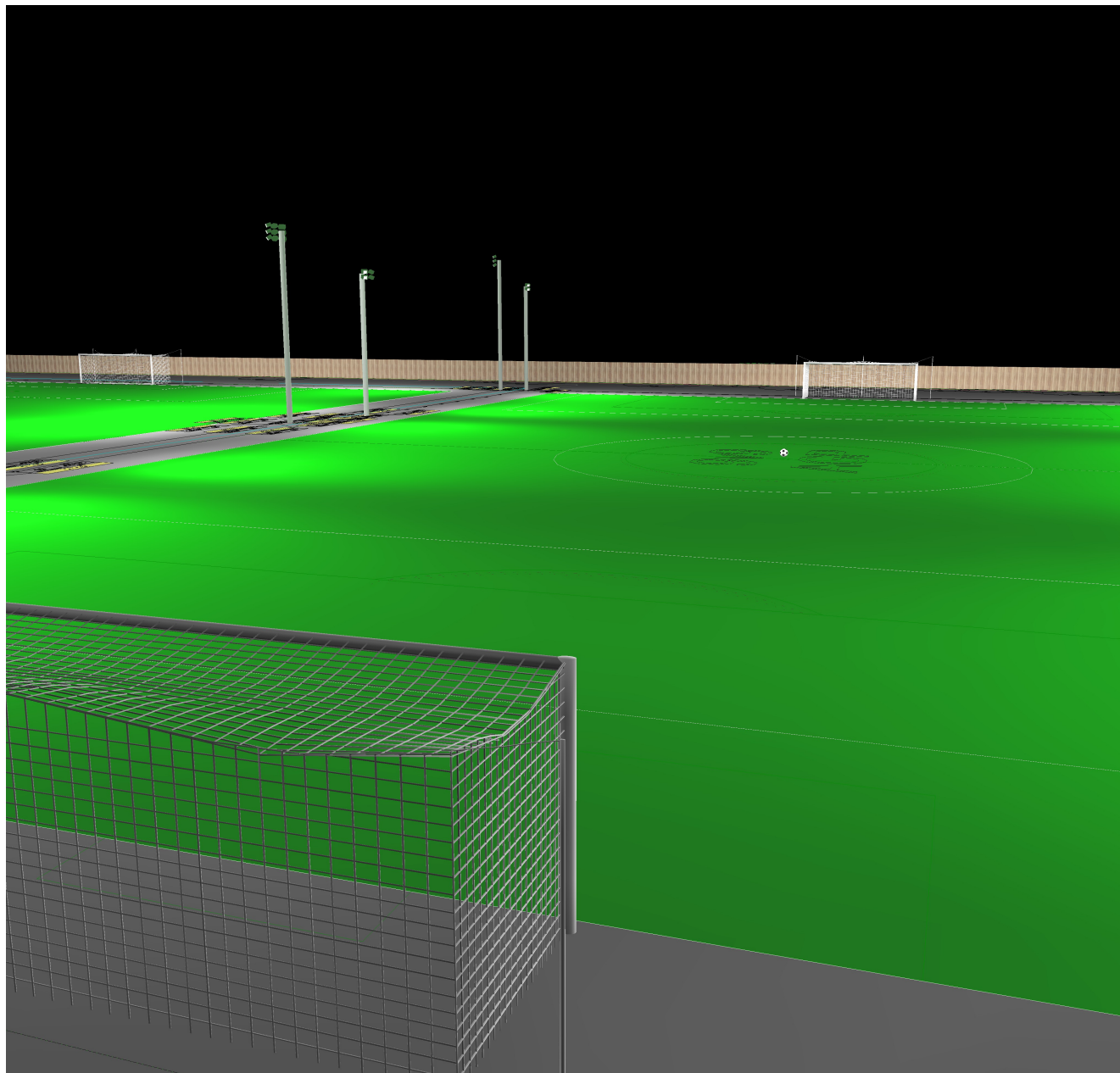
Luminance in the scene

Minimum: : 0 cd/m²
Maximum: : 56.3 cd/m²

Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.12 3D luminance, View 2



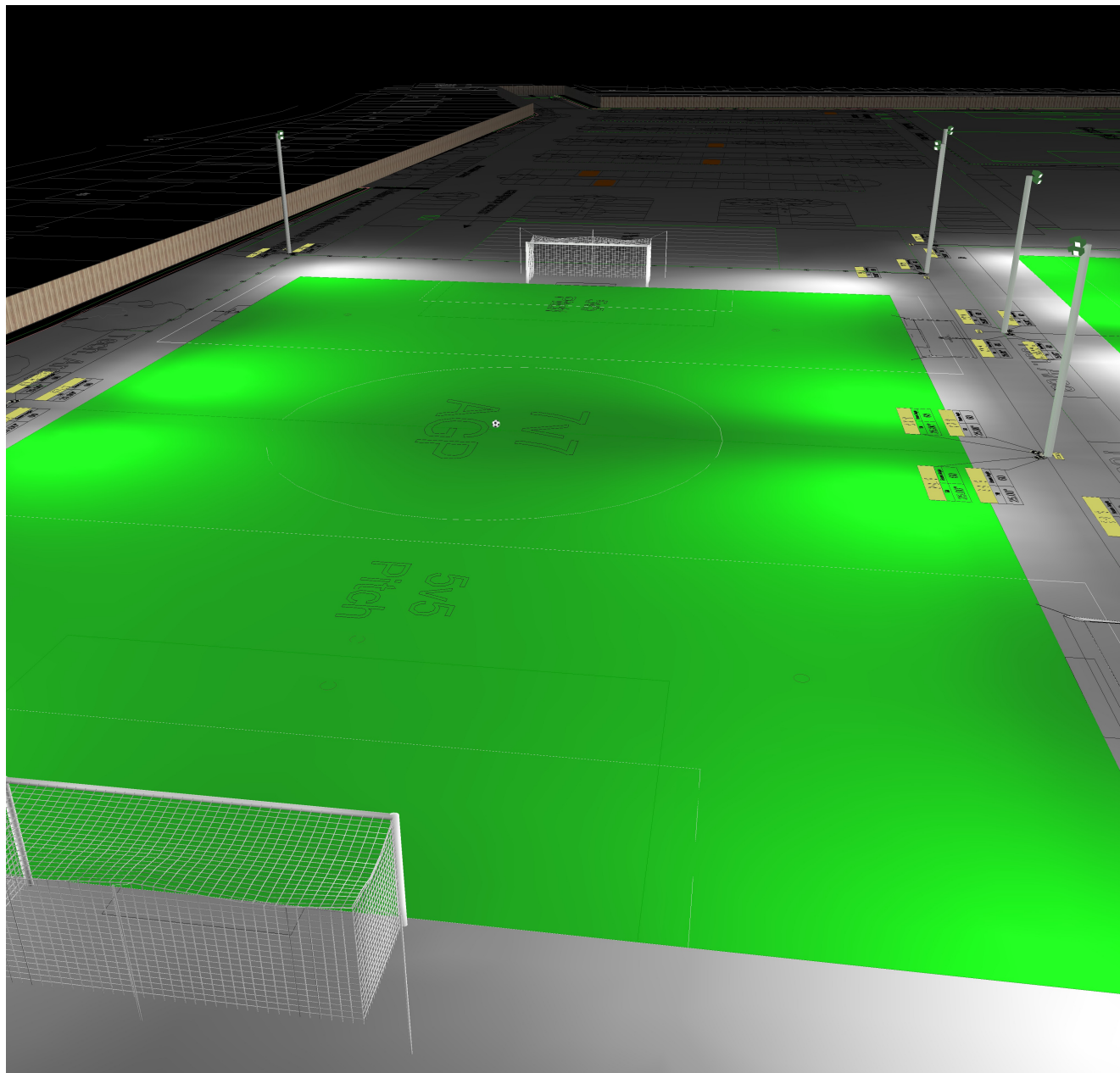
Luminance in the scene

Minimum: : 0 cd/m²
Maximum: : 56.3 cd/m²

Object : Kedbull Leisure - External Lighting - 2026
Installation : General Lighting
Project number :
Date : 18.02.2026

1.3 Calculation results, Exterior 1

1.3.13 3D luminance, View 3



Luminance in the scene

Minimum: : 0 cd/m²

Maximum: : 56.3 cd/m²