

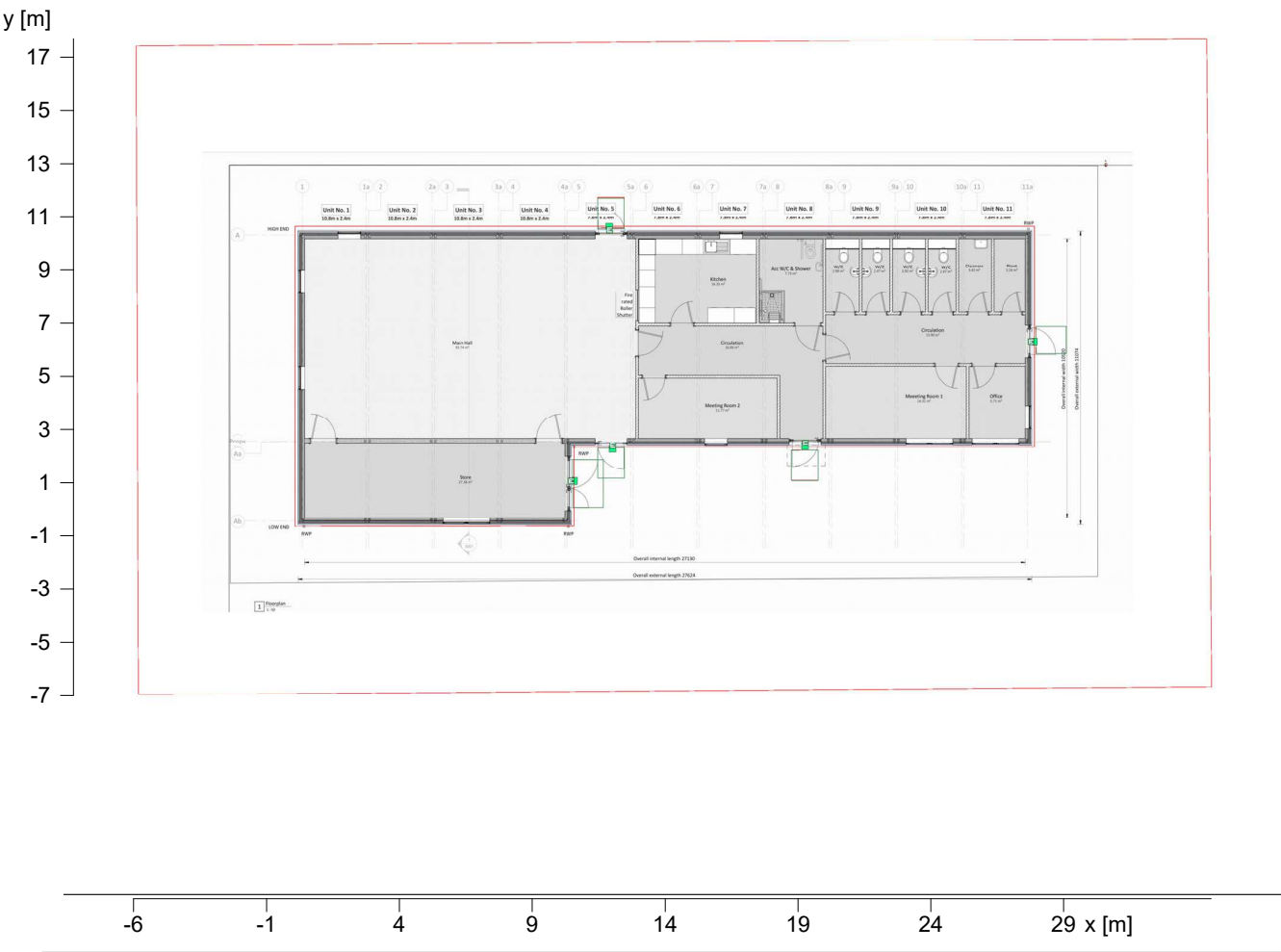
Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3 Exterior 1

3.1 Description, Exterior 1

3.1.1 Floor plan



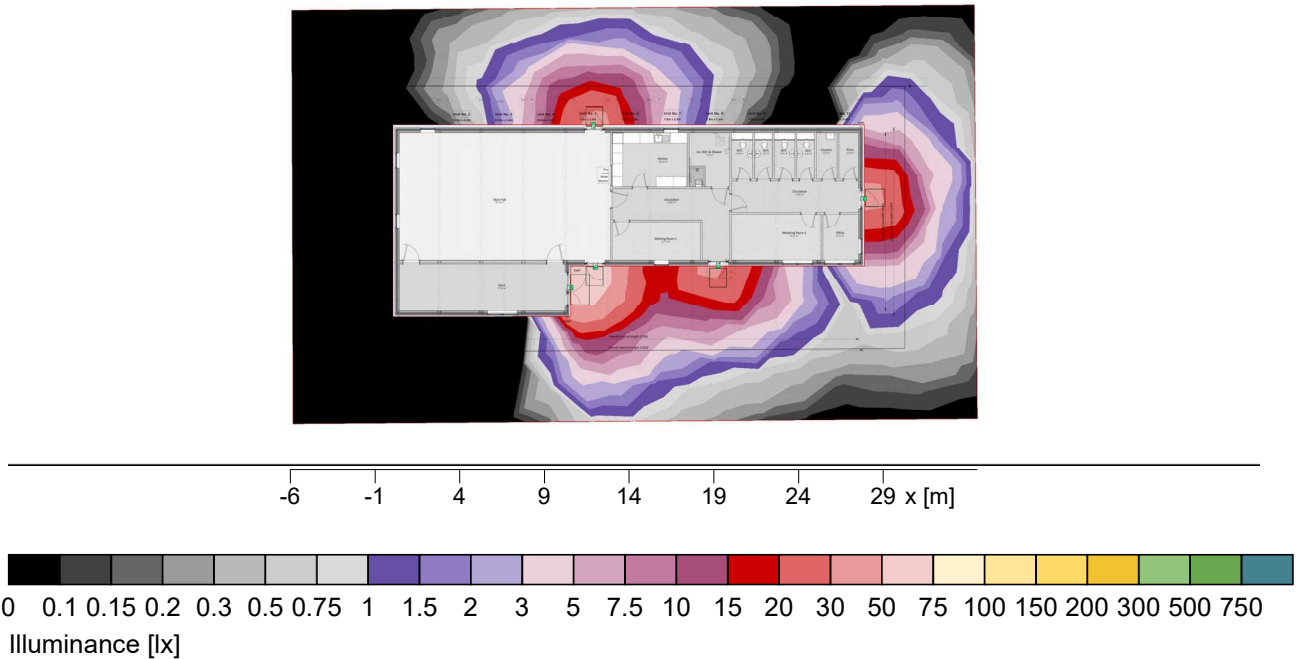
Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3 Exterior 1

3.2 Summary, Exterior 1

3.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height (phot centre)	2.11 m
Maintenance factor	0.80
Total lamp luminous flux	4635.00 lm
Luminaire luminous flux	4634.46 lm
Total power	40.0 W
Total power per area (983.82 m²)	0.04 W/m² (1.34 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

	Horizontal
Em	3.04 lx
Emin	0 lx
Emin/Em (Uo)	---
Emin/Emax (Ud)	---
Position	0.00 m

Type No.\Make

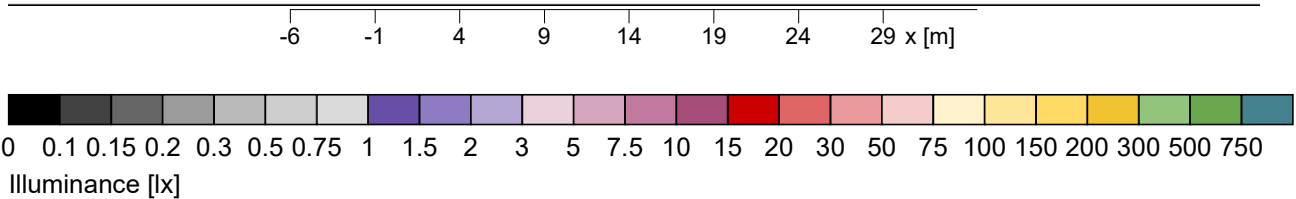
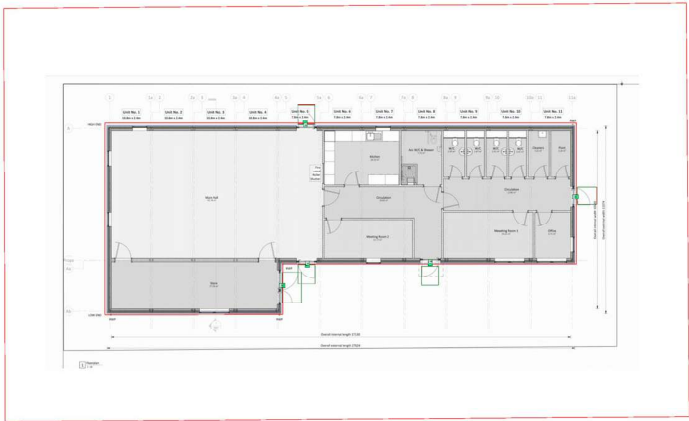
10	5E x	ANSELL		
		Order No.	: !AWOLF/MINI/BLK/SM3/PC (WW 8W)	-- Emergency Lighting --
		Luminaire name	: BULKHEADS - Wolf Mini Black 3000K	
		Equipment	: 1 x LED single 830 8 W / 927 lm	
		Emergency	: 374 lm (40.3 %)	

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3.2 Summary, Exterior 1

3.2.2 Result overview, Evaluation area 0



General

Calculation algorithm used	Average indirect fraction
Height (phot centre)	2.11 m
Maintenance factor	0.80

Total lamp luminous flux	4635.00 lm
Luminaire luminous flux	4634.46 lm
Total power	40.0 W
Total power per area (254.43 m²)	0.16 W/m²

Type No.\Make

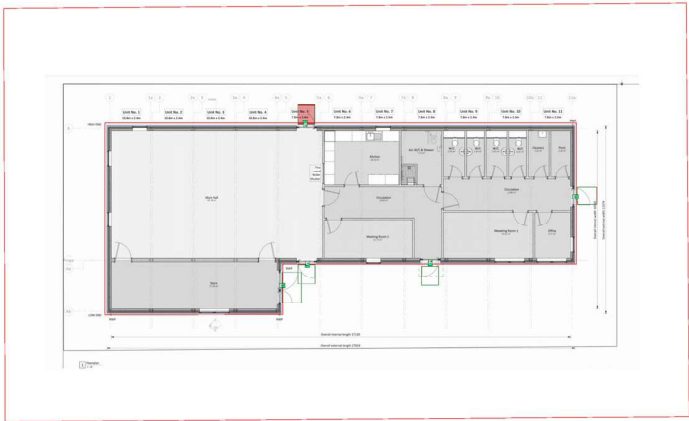
10	5E x	ANSELL		
		Order No.	: !AWOLF/MINI/BLK/SM3/PC (WW 8W)	-- Emergency Lighting --
		Luminaire name	: BULKHEADS - Wolf Mini Black 3000K	
		Equipment	: 1 x LED single 830 8 W / 927 lm	
		Emergency	: 374 lm (40.3 %)	

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026

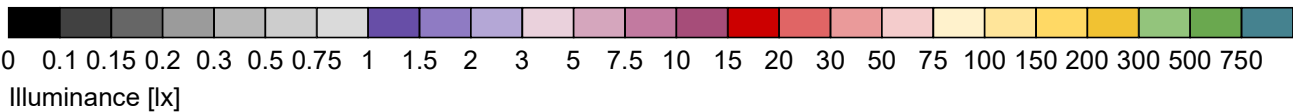


3.2 Summary, Exterior 1

3.2.3 Result overview, Evaluation area 2



-6 -1 4 9 14 19 24 29 x [m]



General

Calculation algorithm used	Average indirect fraction
Height (phot centre)	2.11 m
Maintenance factor	0.80
Total lamp luminous flux	927.00 lm
Luminaire luminous flux	926.89 lm
Total power	8.0 W
Total power per area (1.15 m²)	6.98 W/m² (16.04 W/m²/100lx)

Evaluation area 2

Reference plane 2.1

	Horizontal
Em	43.5 lx
Emin	37.4 lx
Emin/Em (Uo)	0.86
Emin/Emax (Ud)	0.79
Position	0.00 m

Type No.\Make

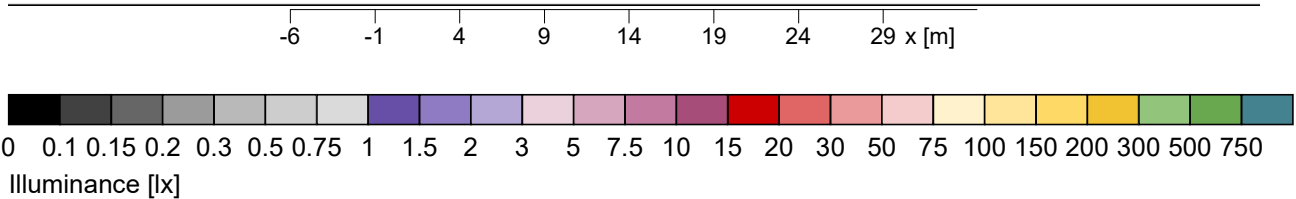
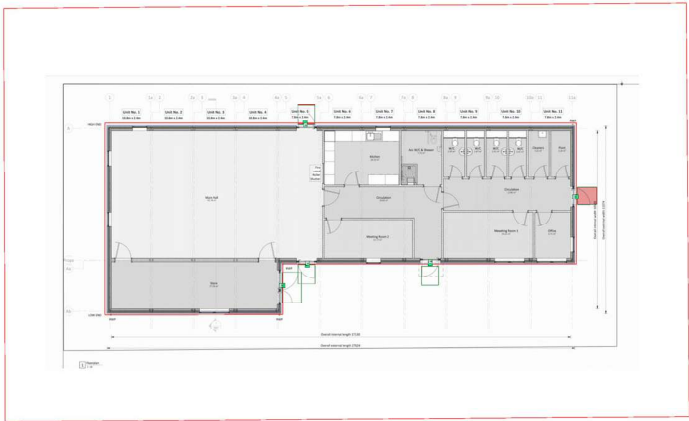
10	1E x	ANSELL		
		Order No.	: !AWOLF/MINI/BLK/SM3/PC (WW 8W)	-- Emergency Lighting --
		Luminaire name	: BULKHEADS - Wolf Mini Black 3000K	
		Equipment	: 1 x LED single 830 8 W / 927 lm	
		Emergency	: 374 lm (40.3 %)	

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3.2 Summary, Exterior 1

3.2.4 Result overview, Evaluation area 3



General

Calculation algorithm used	Average indirect fraction
Height (phot centre)	2.11 m
Maintenance factor	0.80
Total lamp luminous flux	927.00 lm
Luminaire luminous flux	926.89 lm
Total power	8.0 W
Total power per area (1.15 m²)	6.98 W/m² (16.09 W/m²/100lx)

Evaluation area 3

Reference plane 3.1

	Horizontal
Em	43.4 lx
Emin	39.7 lx
Emin/Em (Uo)	0.92
Emin/Emax (Ud)	0.85
Position	0.00 m

Type No.\Make

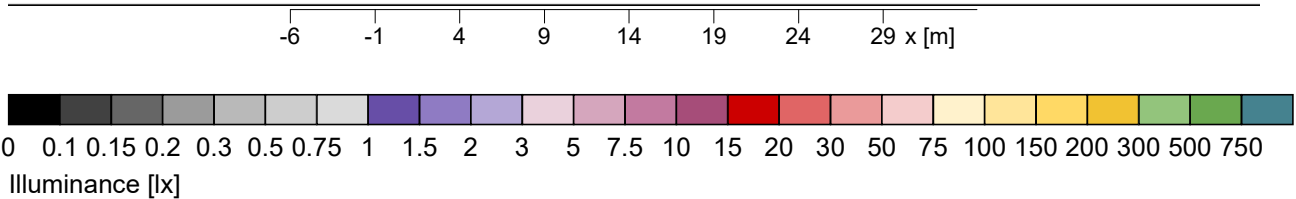
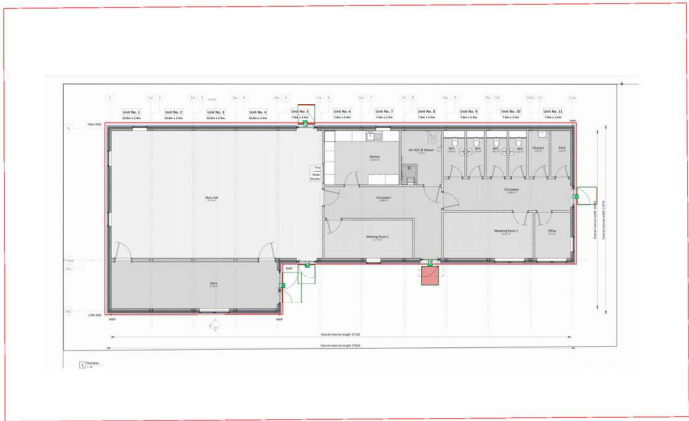
10	1E x	ANSELL		
		Order No.	: !AWOLF/MINI/BLK/SM3/PC (WW 8W)	-- Emergency Lighting --
		Luminaire name	: BULKHEADS - Wolf Mini Black 3000K	
		Equipment	: 1 x LED single 830 8 W / 927 lm	
		Emergency	: 374 lm (40.3 %)	

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3.2 Summary, Exterior 1

3.2.5 Result overview, Evaluation area 4



General

Calculation algorithm used	Average indirect fraction
Height (phot centre)	2.11 m
Maintenance factor	0.80
Luminaire luminous flux	0.00 lm

Evaluation area 4

Reference plane 4.1

$\bar{E}_m$	Horizontal
E_{min}	42.1 lx
$E_{min}/\bar{E}_m (U_o)$	37.6 lx
$E_{min}/E_{max} (U_d)$	0.89
Position	0.84
	0.00 m

Type No.\Make

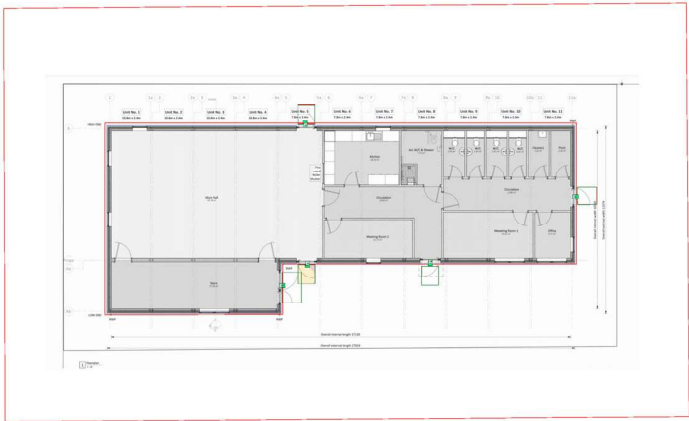
10	5E x	ANSELL		
		Order No.	: !AWOLF/MINI/BLK/SM3/PC (WW 8W)	-- Emergency Lighting --
		Luminaire name	: BULKHEADS - Wolf Mini Black 3000K	
		Equipment	: 1 x LED single 830 8 W / 927 lm	
		Emergency	: 374 lm (40.3 %)	

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026

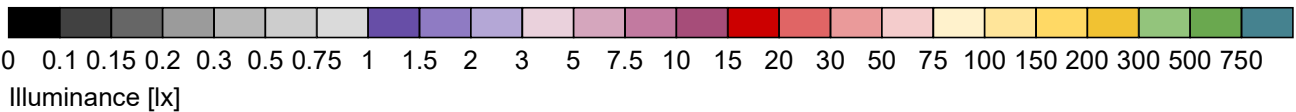


3.2 Summary, Exterior 1

3.2.6 Result overview, Evaluation area 5



-6 -1 4 9 14 19 24 29 x [m]



General

Calculation algorithm used	Average indirect fraction
Height (phot centre)	2.11 m
Maintenance factor	0.80
Total lamp luminous flux	927.00 lm
Luminaire luminous flux	926.89 lm
Total power	8.0 W
Total power per area (1.15 m²)	6.98 W/m² (8.32 W/m²/100lx)

Evaluation area 5

Reference plane 5.1

	Horizontal
Em	83.9 lx
Emin	68 lx
Emin/Em (Uo)	0.81
Emin/Emax (Ud)	0.71
Position	0.00 m

Type No.\Make

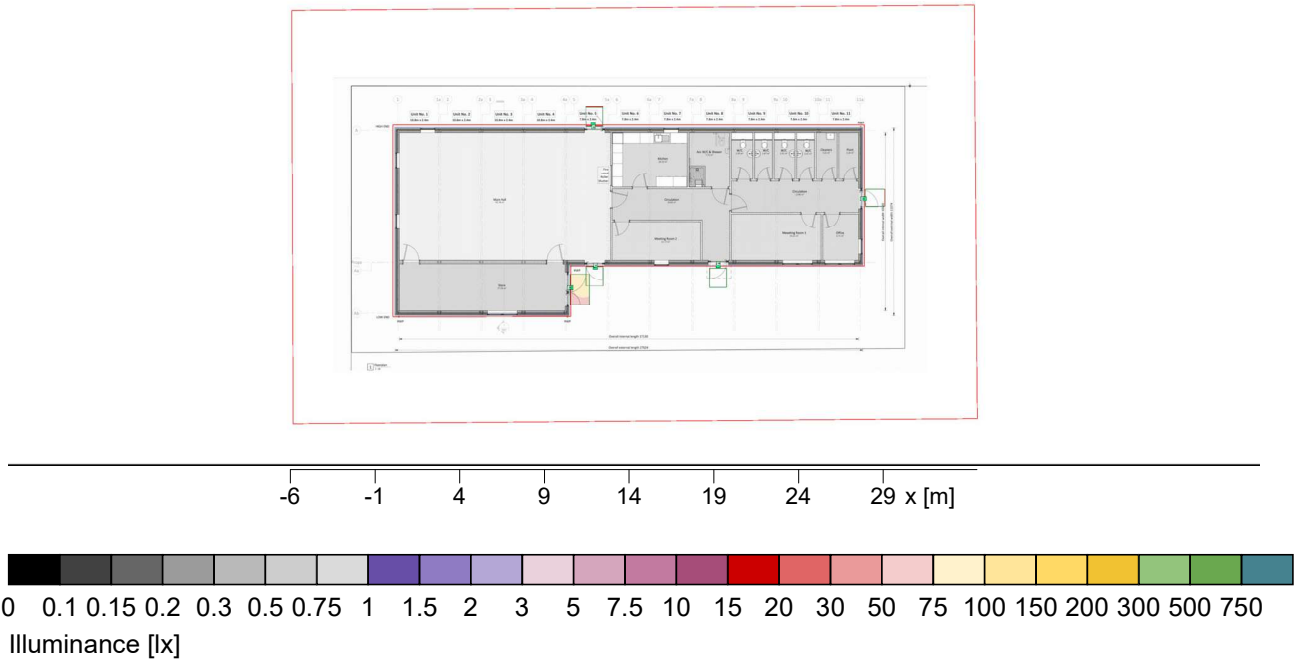
10	1E x	ANSELL		
		Order No.	: !AWOLF/MINI/BLK/SM3/PC (WW 8W)	-- Emergency Lighting --
		Luminaire name	: BULKHEADS - Wolf Mini Black 3000K	
		Equipment	: 1 x LED single 830 8 W / 927 lm	
		Emergency	: 374 lm (40.3 %)	

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3.2 Summary, Exterior 1

3.2.7 Result overview, Evaluation area 6



General

Calculation algorithm used	Average indirect fraction
Height (phot centre)	2.11 m
Maintenance factor	0.80
Total lamp luminous flux	927.00 lm
Luminaire luminous flux	926.89 lm
Total power	8.0 W
Total power per area (2.06 m²)	3.88 W/m² (4.82 W/m²/100lx)

Evaluation area 6

Reference plane 6.1

	Horizontal
Em	80.5 lx
Emin	58.2 lx
Emin/Em (Uo)	0.72
Emin/Emax (Ud)	0.61
Position	0.00 m

Type No.\Make

10	1E x	ANSELL		
		Order No.	: !AWOLF/MINI/BLK/SM3/PC (WW 8W)	-- Emergency Lighting --
		Luminaire name	: BULKHEADS - Wolf Mini Black 3000K	
		Equipment	: 1 x LED single 830 8 W / 927 lm	
		Emergency	: 374 lm (40.3 %)	

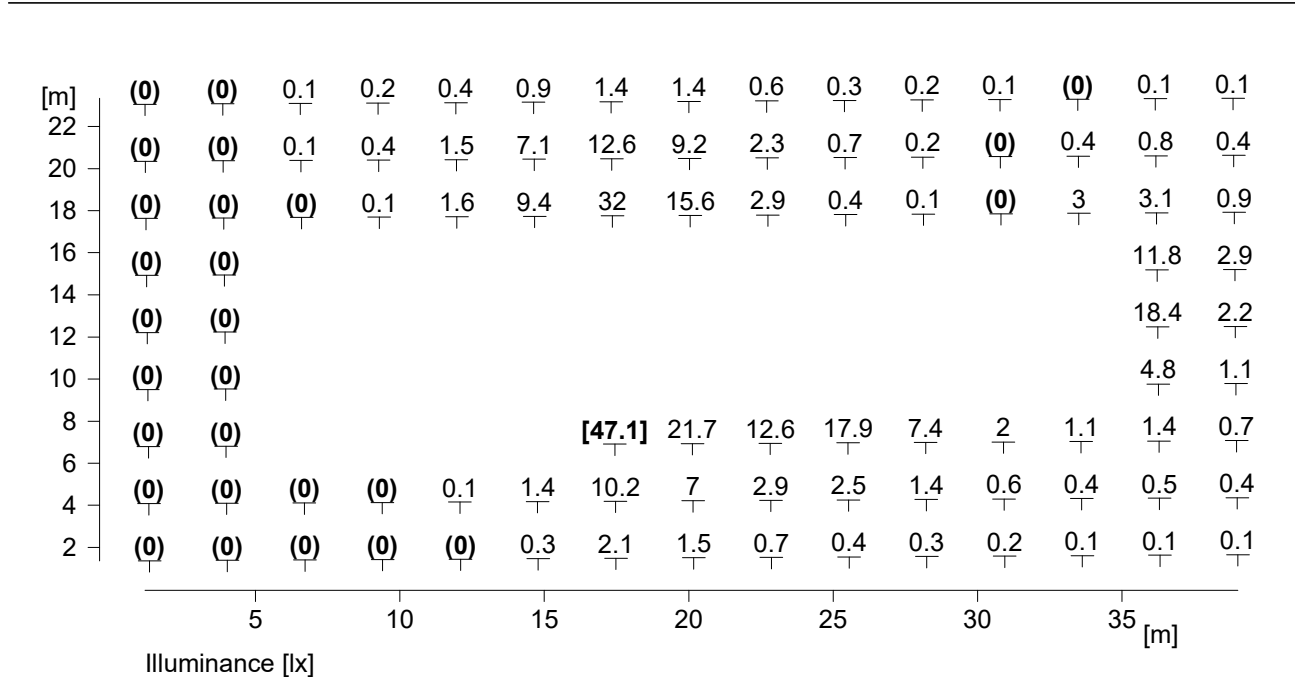
Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3 Exterior 1

3.3 Calculation results, Exterior 1

3.3.1 Table, Reference plane 1.1 (E)

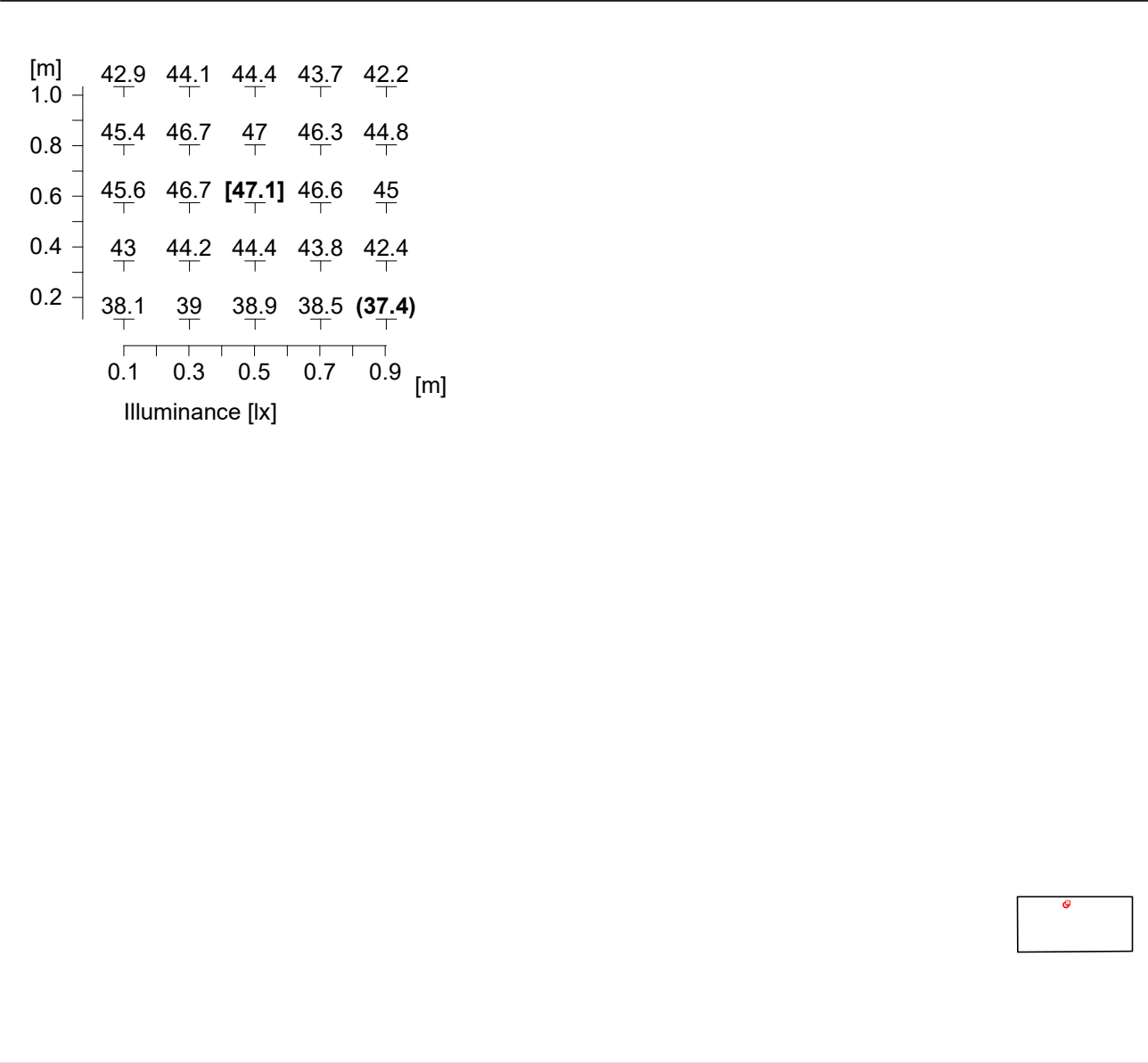


Height reference plane : 0.00 m
 Average illuminance $\bar{E}_m$: 3 lx
 Minimum illuminance E_{min} : 0 lx
 Maximum illuminance E_{max} : 47.1 lx
 Uniformity U_o $E_{min}/\bar{E}_m$: ---

Object : YIF - Gravesend Rev C
Installation : Proposed Lighting
Project number : QUO-468057-SCNMYD
Date : 24.03.2026



3.3 Calculation results, Exterior 1
3.3.2 Table, Reference plane 2.1 (E)

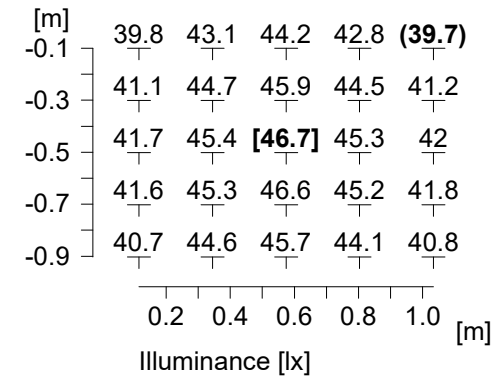


Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 43.5 lx
Minimum illuminance	E_{min}	: 37.4 lx
Maximum illuminance	E_{max}	: 47.1 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 1.16 (0.86)

Object : YIF - Gravesend Rev C
Installation : Proposed Lighting
Project number : QUO-468057-SCNMYD
Date : 24.03.2026



3.3 Calculation results, Exterior 1
3.3.3 Table, Reference plane 3.1 (E)

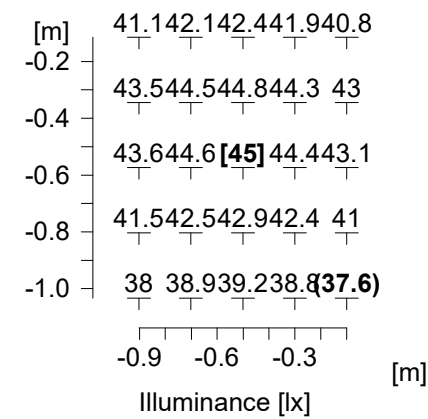


Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 43.4 lx
Minimum illuminance	E_{min}	: 39.7 lx
Maximum illuminance	E_{max}	: 46.7 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 1.09 (0.92)

Object : YIF - Gravesend Rev C
Installation : Proposed Lighting
Project number : QUO-468057-SCNMYD
Date : 24.03.2026



3.3 Calculation results, Exterior 1
3.3.4 Table, Reference plane 4.1 (E)



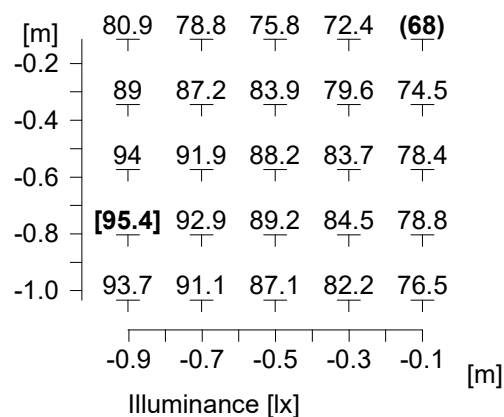
Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 42.1 lx
Minimum illuminance	E_{min}	: 37.6 lx
Maximum illuminance	E_{max}	: 45 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 1.12 (0.89)

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3.3 Calculation results, Exterior 1

3.3.5 Table, Reference plane 5.1 (E)



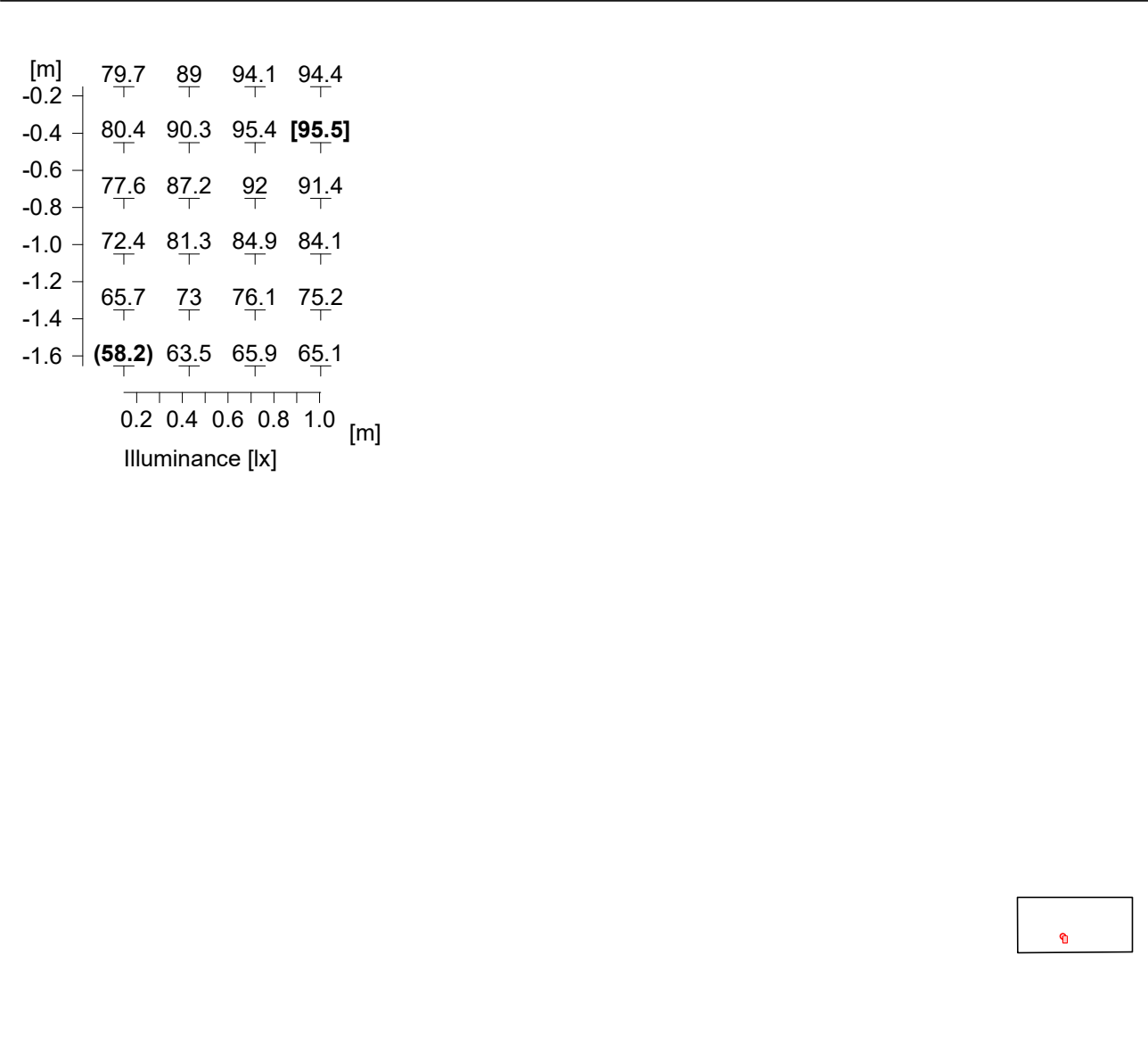
Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 83.9 lx
Minimum illuminance	E_{min}	: 68 lx
Maximum illuminance	E_{max}	: 95.4 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 1.23 (0.81)

Object : YIF - Gravesend Rev C
Installation : Proposed Lighting
Project number : QUO-468057-SCNMYD
Date : 24.03.2026



3.3 Calculation results, Exterior 1

3.3.6 Table, Reference plane 6.1 (E)



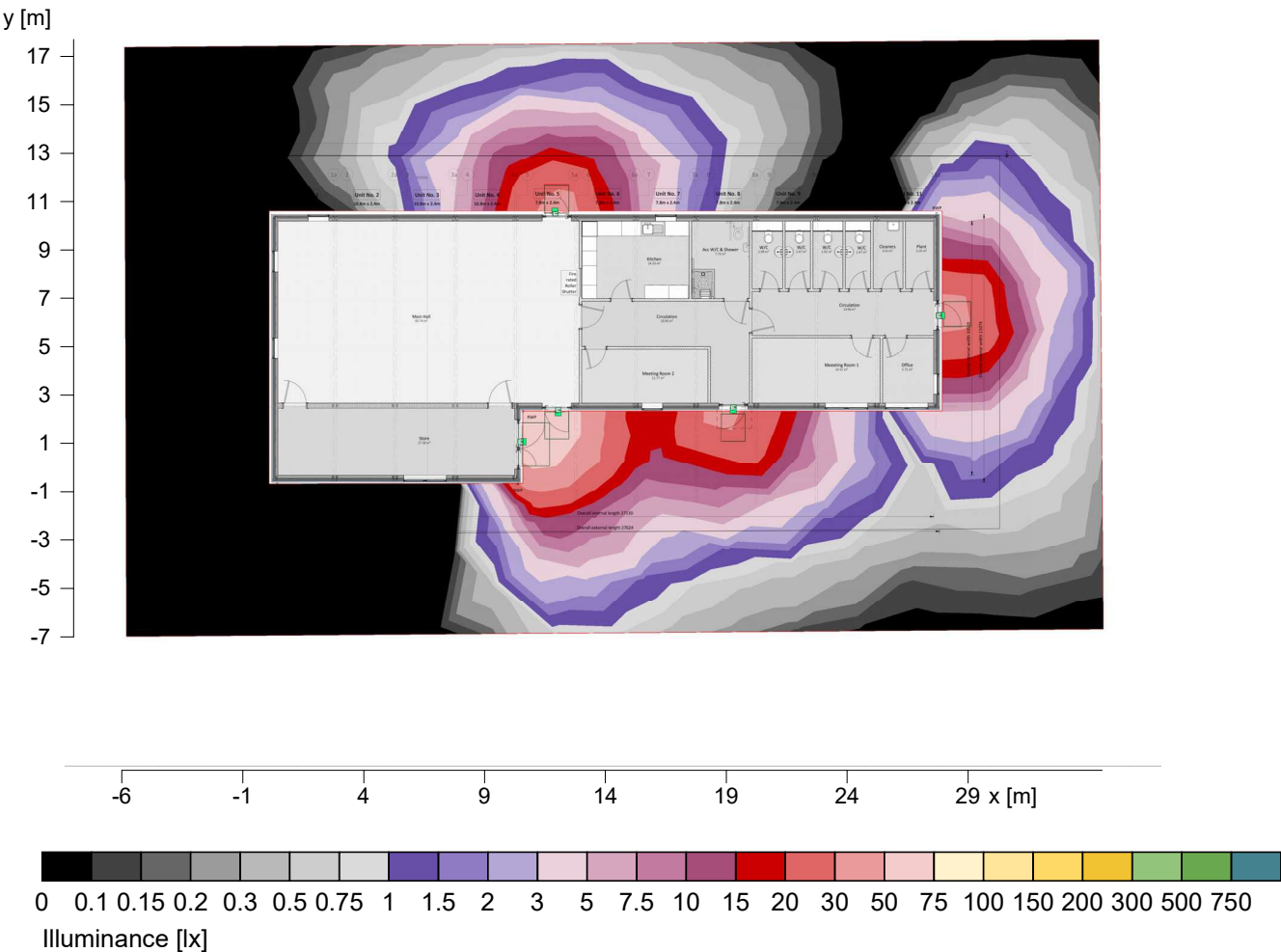
Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 80.5 lx
Minimum illuminance	E_{min}	: 58.2 lx
Maximum illuminance	E_{max}	: 95.5 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 1.38 (0.72)

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3.3 Calculation results, Exterior 1

3.3.7 Pseudo colours, Reference plane 1.1 (E)



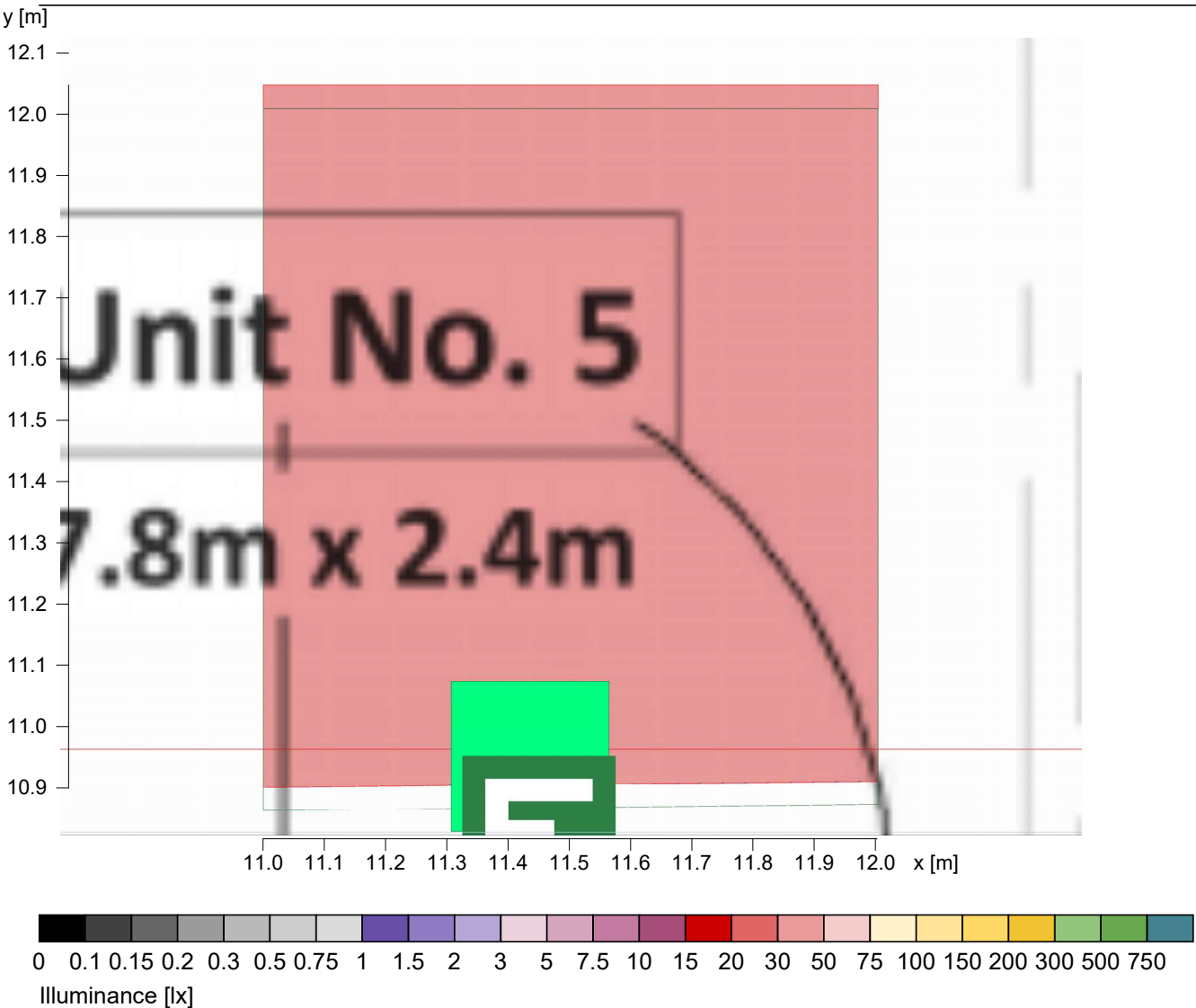
Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 3 lx
Minimum illuminance	E_{min}	: 0 lx
Maximum illuminance	E_{max}	: 47.1 lx
Uniformity U_o	E_{min}/E_m	: ---

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3.3 Calculation results, Exterior 1

3.3.8 Pseudo colours, Reference plane 2.1 (E)



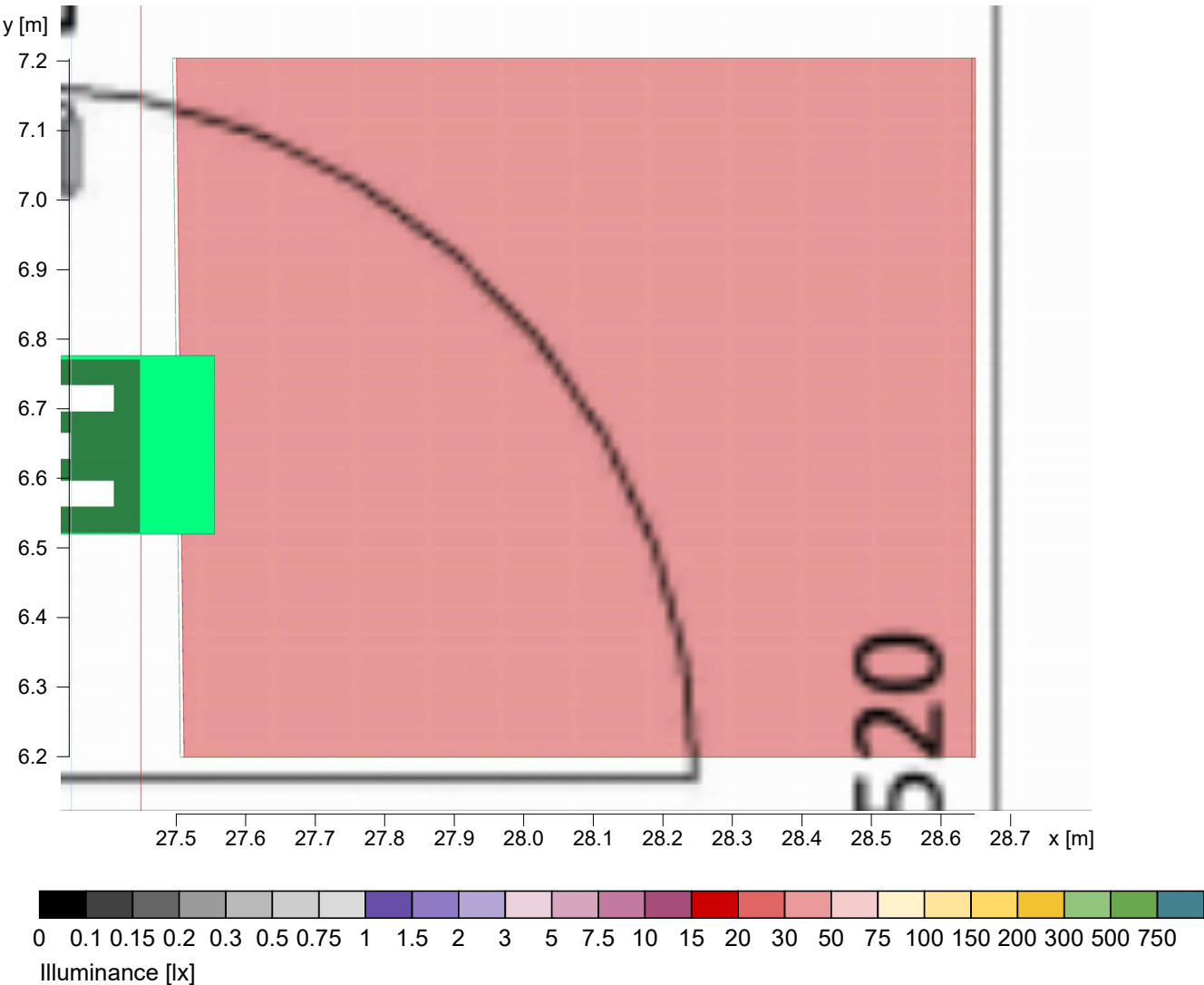
Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 43.5 lx
Minimum illuminance	E_{min}	: 37.4 lx
Maximum illuminance	E_{max}	: 47.1 lx
Uniformity U_o	E_{min}/E_m	: 1 : 1.16 (0.86)

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3.3 Calculation results, Exterior 1

3.3.9 Pseudo colours, Reference plane 3.1 (E)



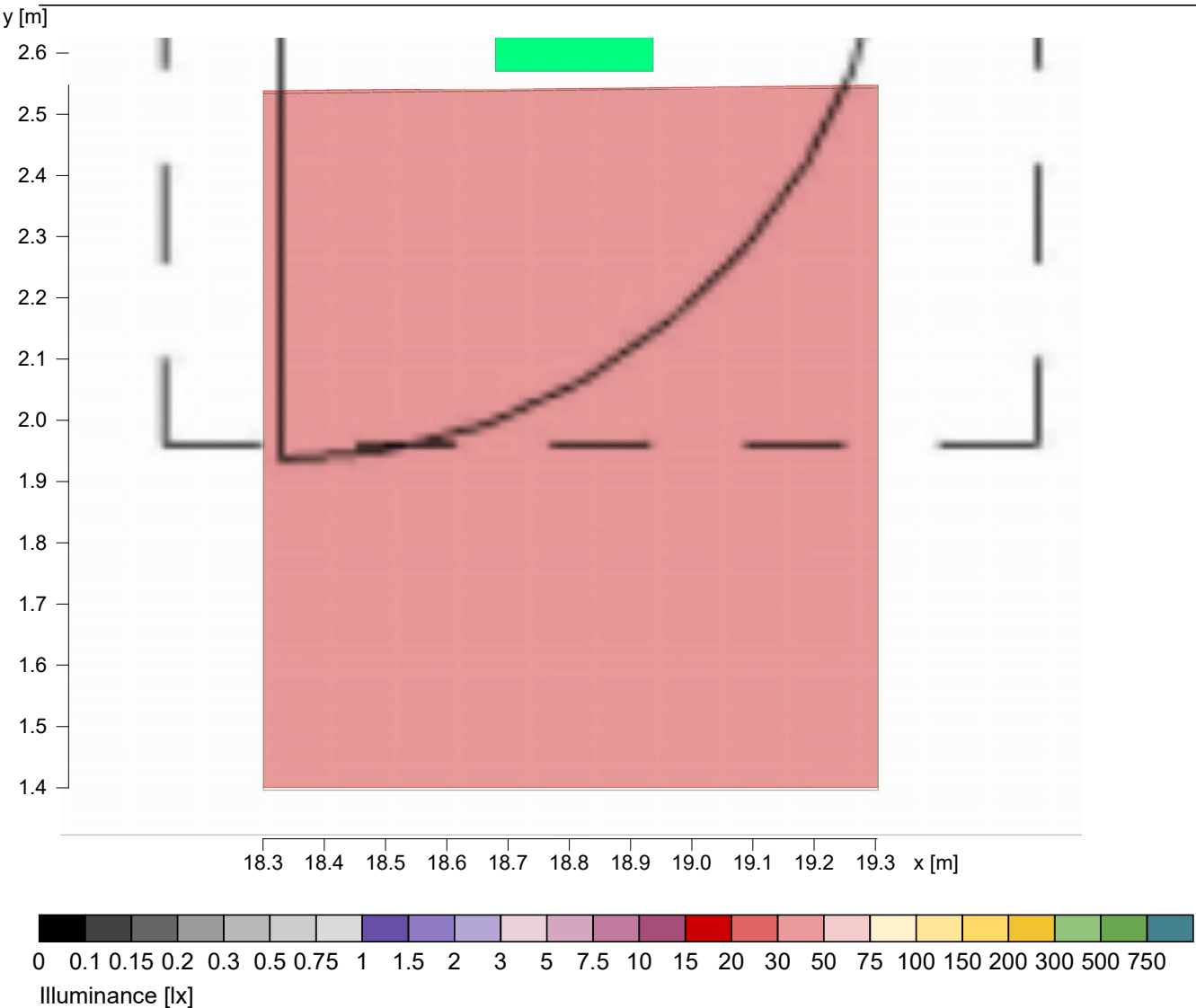
Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 43.4 lx
Minimum illuminance	E_{min}	: 39.7 lx
Maximum illuminance	E_{max}	: 46.7 lx
Uniformity U_o	E_{min}/E_m	: 1 : 1.09 (0.92)

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3.3 Calculation results, Exterior 1

3.3.10 Pseudo colours, Reference plane 4.1 (E)



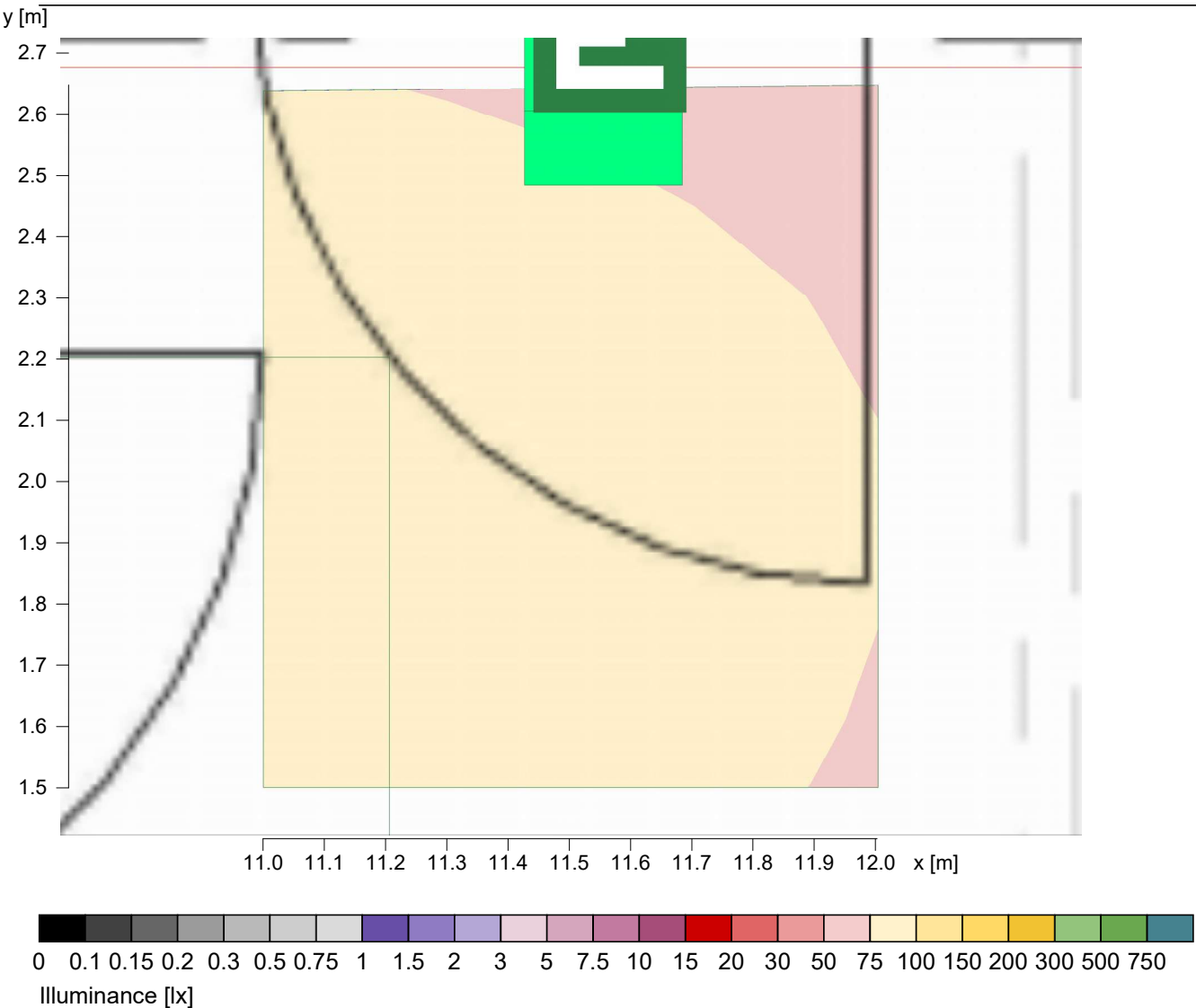
Height reference plane	: 0.00 m
Average illuminance	$\bar{E}_m$: 42.1 lx
Minimum illuminance	E_{min} : 37.6 lx
Maximum illuminance	E_{max} : 45 lx
Uniformity U_o	E_{min}/E_m : 1 : 1.12 (0.89)

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3.3 Calculation results, Exterior 1

3.3.11 Pseudo colours, Reference plane 5.1 (E)



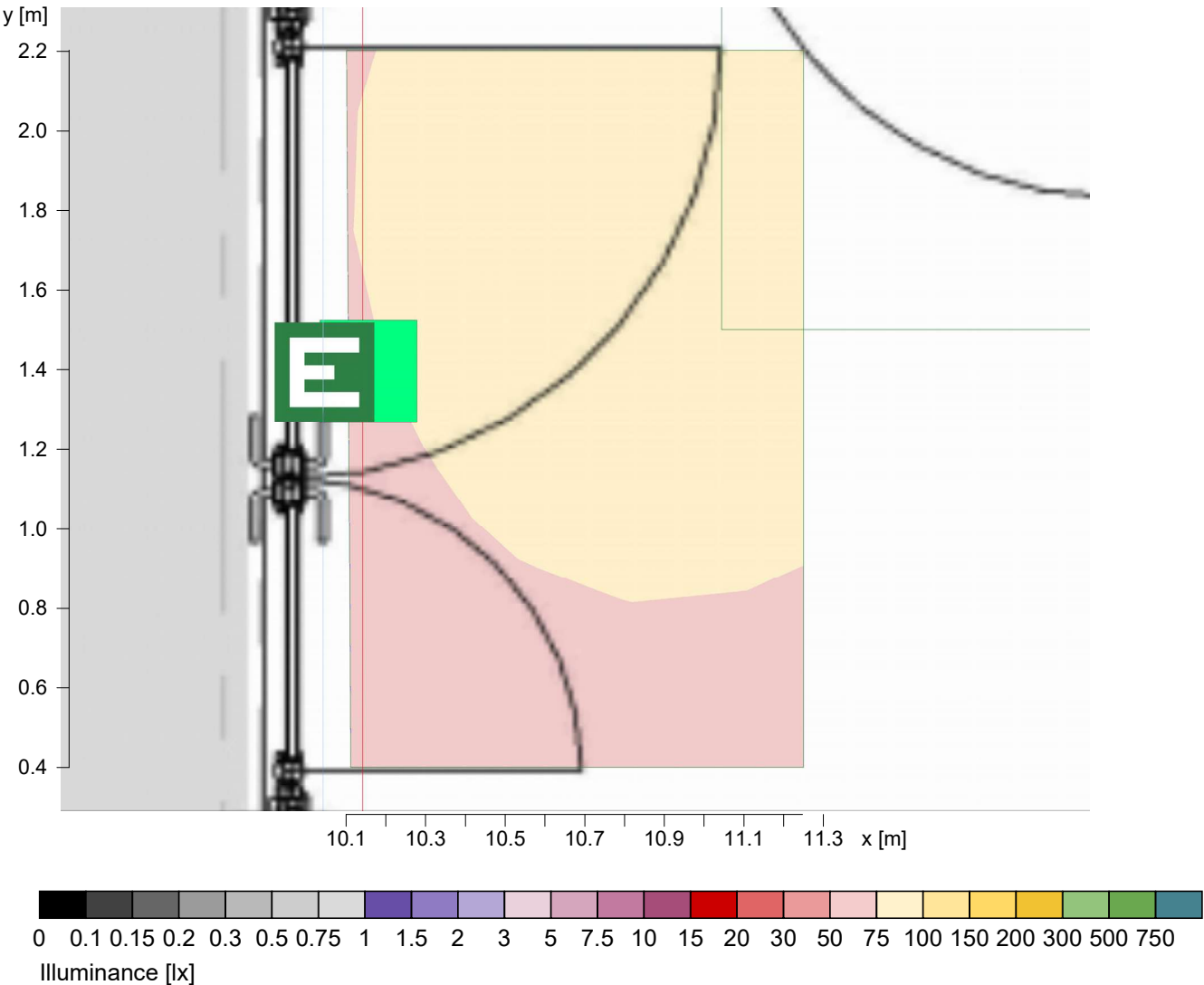
Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 83.9 lx
Minimum illuminance	E_{min}	: 68 lx
Maximum illuminance	E_{max}	: 95.4 lx
Uniformity U_o	E_{min}/E_m	: 1 : 1.23 (0.81)

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3.3 Calculation results, Exterior 1

3.3.12 Pseudo colours, Reference plane 6.1 (E)



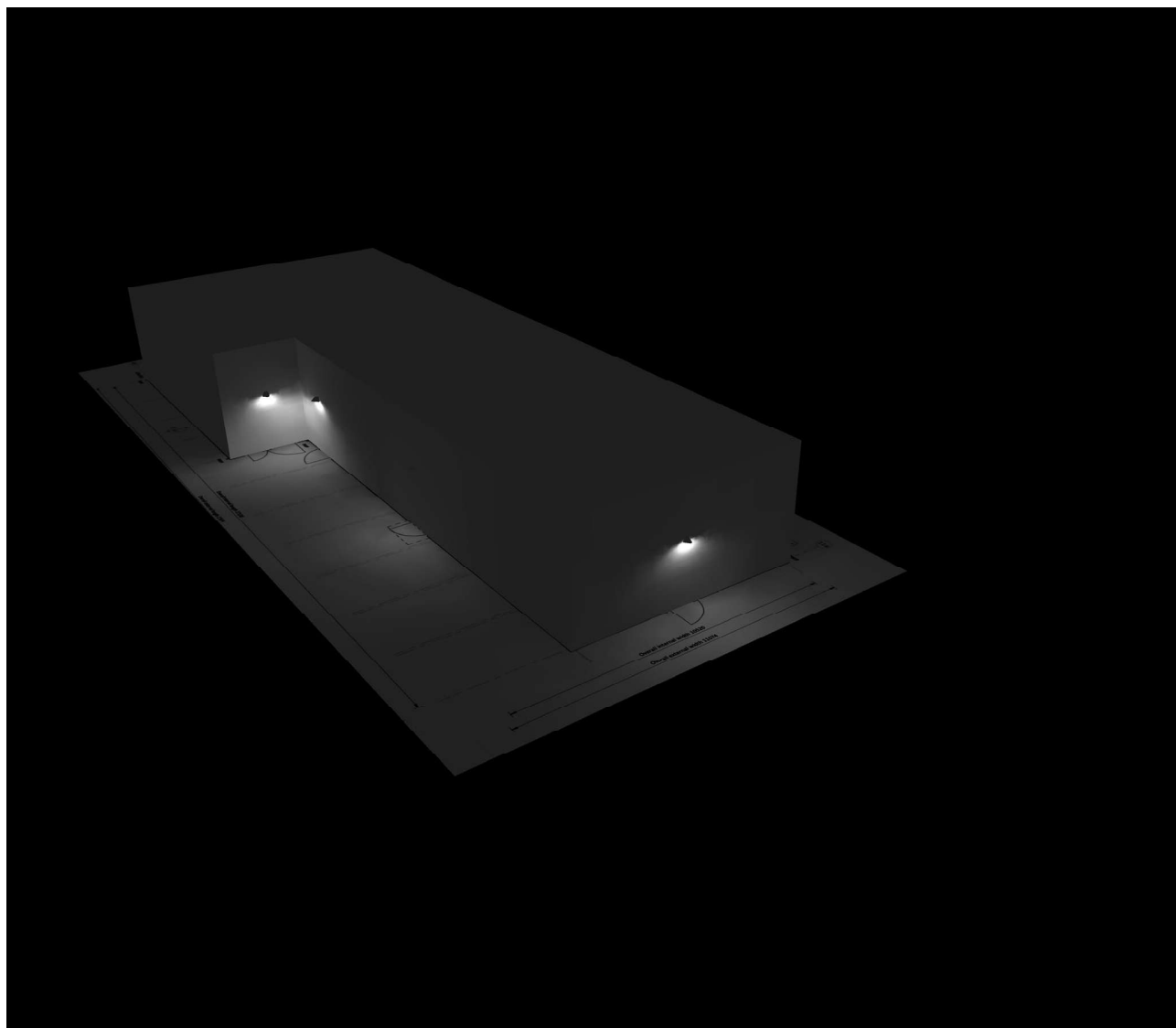
Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 80.5 lx
Minimum illuminance	E_{min}	: 58.2 lx
Maximum illuminance	E_{max}	: 95.5 lx
Uniformity U_o	E_{min}/E_m	: 1 : 1.38 (0.72)

Object : YIF - Gravesend Rev C
Installation : Proposed Lighting
Project number : QUO-468057-SCNMYD
Date : 24.03.2026



3.3 Calculation results, Exterior 1

3.3.13 3D luminance, View 1



Luminance in the scene

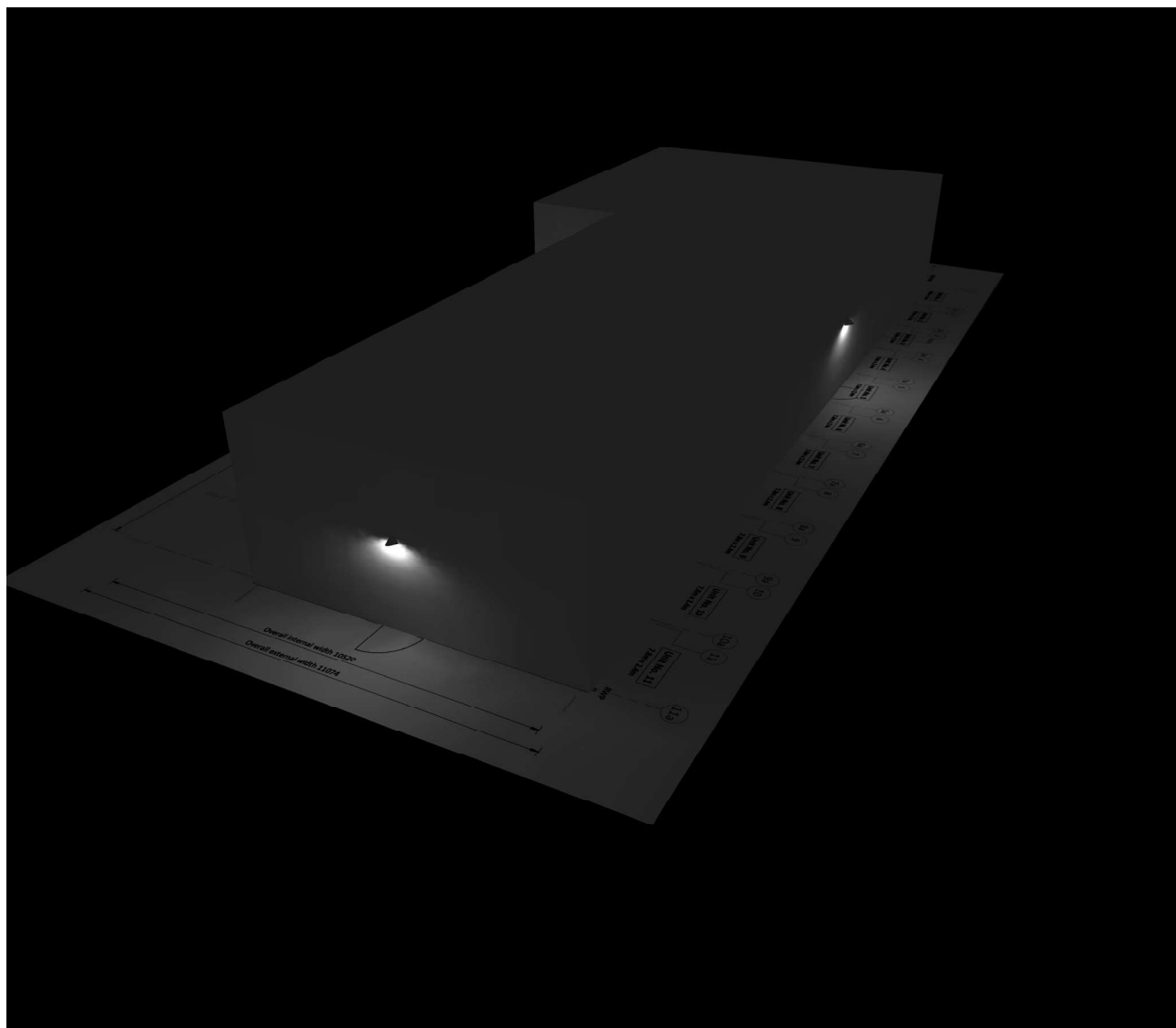
Minimum: : 0 cd/m²
Maximum: : 362 cd/m²

Object : YIF - Gravesend Rev C
Installation : Proposed Lighting
Project number : QUO-468057-SCNMYD
Date : 24.03.2026



3.3 Calculation results, Exterior 1

3.3.14 3D luminance, View 2



Luminance in the scene

Minimum: : 0 cd/m²
Maximum: : 362 cd/m²

Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



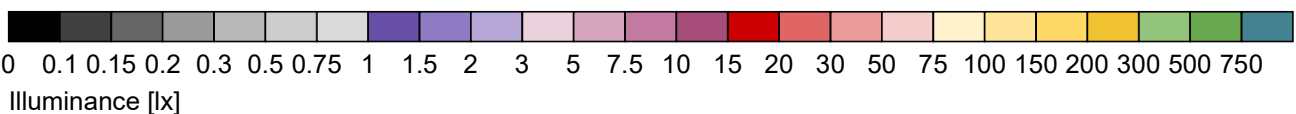
3 Exterior 1

3.4 Summary, Exterior 1

3.4.1.1 Result overview (emergency lighting)



-6 -1 4 9 14 19 24 29 x [m]



General

Calculation algorithm used : Direct component
 Maintenance factor : 0.8
 Height (phot centre) : 2.11 m
 Maximum I : 140 cd <= 500 cd

Anti panic area:

No.	Emin [lx]	Surface Emax [lx]	Ud
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1 Reference plane 2

Calculation field: 1.15m x 1m (5 x 5 pts), Height = 0.00m

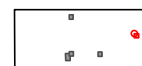
1	13.89 lx >= 1 lx	18.80 lx	1: 1.35 >= 1 : 40
---	---	----------	--



1 Reference plane 3

Calculation field: 1.15m x 1m (5 x 5 pts), Height = 0.00m

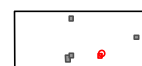
2	14.26 lx >= 1 lx	18.79 lx	1: 1.32 >= 1 : 40
---	---	----------	--



1 Reference plane 4

Calculation field: 1.15m x 1m (5 x 5 pts), Height = 0.00m

3	14.06 lx >= 1 lx	19.08 lx	1: 1.36 >= 1 : 40
---	---	----------	--



Object : YIF - Gravesend Rev C
 Installation : Proposed Lighting
 Project number : QUO-468057-SCNMYD
 Date : 24.03.2026



3 Exterior 1

3.4 Summary, Exterior 1

3.4.1.1 Result overview (emergency lighting)

1 Reference plane 5

Calculation field: 1.15m x 1m (5 x 5 pts), Height = 0.00m

4 22.29 lx 33.97 lx 1: 1.52
 >= 1 lx >= 1 : 40



1 Reference plane 6

Calculation field: 1.15m x 1.8m (4 x 6 pts), Height = 0.00m

5 17.95 lx 33.98 lx 1: 1.89
 >= 1 lx >= 1 : 40



Type No.\Make

10	5E x	ANSELL		
		Order No.	: !AWOLF/MINI/BLK/SM3/PC (WW 8W)	-- Emergency Lighting --
		Luminaire name	: BULKHEADS - Wolf Mini Black 3000K	
		Equipment	: 1 x LED single 830 8 W / 927 lm	
		Emergency	: 374 lm (40.3 %)	

