

HENRY WISE HOUSE

Installation : GROUND FLOOR

Project number : PCCRD090123

Customer : CEF CROYDON

Processed by : PAUL CUTTS

Date : 09.01.2023

Project description:

The following values are based on exact calculations on calibrated lamps, luminaires and their arrangement. In practice, gradual divergences can occur.

Guarantee claims for luminaire data are excluded.

Relux and the luminaire manufacturers accept no liability for consequential damage and damage which is occasioned to the user or to third parties.

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Description, Floor 1

.1 Floor, %1



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Summary, Floor 1


.2 Floor overview



Number of rooms	1	
Total area	9 m ²	Calculated
Number of luminaires	1	
Total luminous flux of all lamps	1700 lm	
Total power	16 W	
Total power per area	1.78 W/m ²	

Parts list

Type No.\Make

2	1	FUSION LUMINAIRES
		Order No. : !FDOMECCE3
		Luminaire name : FDOMECCE3
		Equipment : 1 x 16 W / 1700 lm

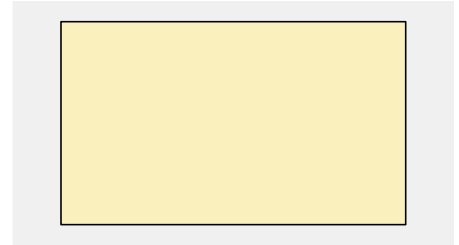
Object : HENRY WISE HOUSE
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Summary, Floor 1

.2 Floor overview

Rooms

Room 1	1 x Luminaires
Total luminous flux of all lamps	1700 lm
Total power	16 W
Total power per area (9 m ²)	1.78 W/m ²
Em	77 lx
Emin	31 lx
Emin/Eav (Uo)	0.41
UGR	<=19.8

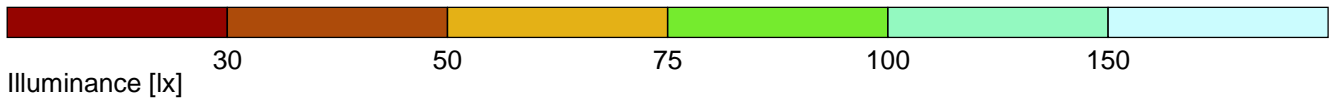
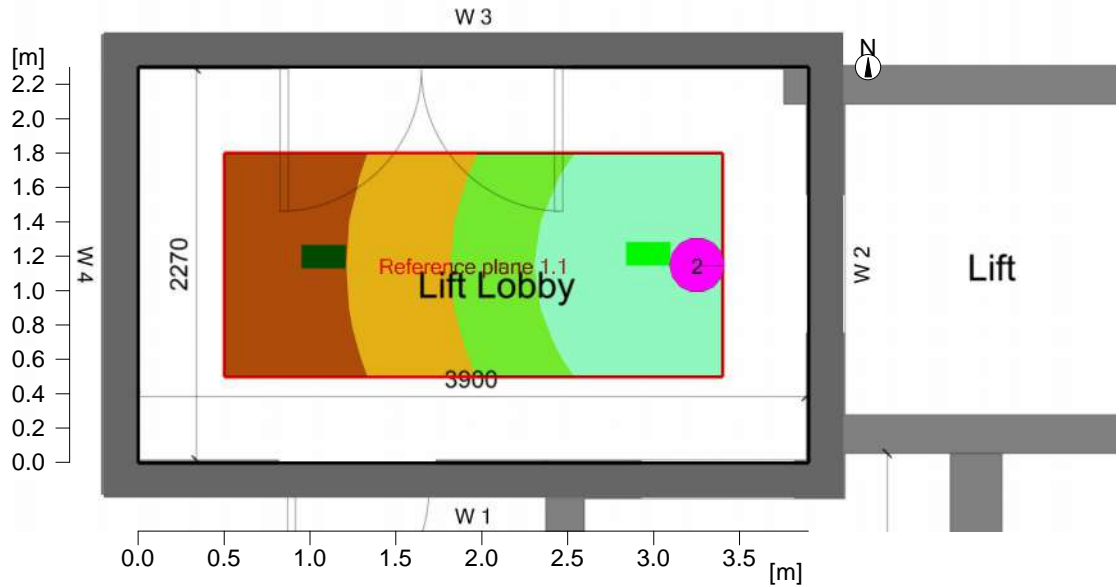


Object : HENRY WISE HOUSE
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1 Room 1

1.1 Summary, Room 1

1.1.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	2.50 m
Maintenance factor	0.85
Total luminous flux of all lamps	1700 lm
Total power	16.0 W
Total power per area (8.97 m ²)	1.78 W/m ² (2.33 W/m ² /100lx)

Evaluation area 1

Reference plane 1.1

	Horizontal
Em	76.6 lx
Emin	31.4 lx
Emin/Eav (Uo)	0.41
Emin/Emax (Ud)	0.25
UGR (1.8H 3.0H)	<=19.8
Position	0.00 m

Type No.\Make

FUSION LUMINAIRES

2	1	Order No.	: !FDOMECCCE3
		Luminaire name	: FDOMECCCE3
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Description, Floor 1

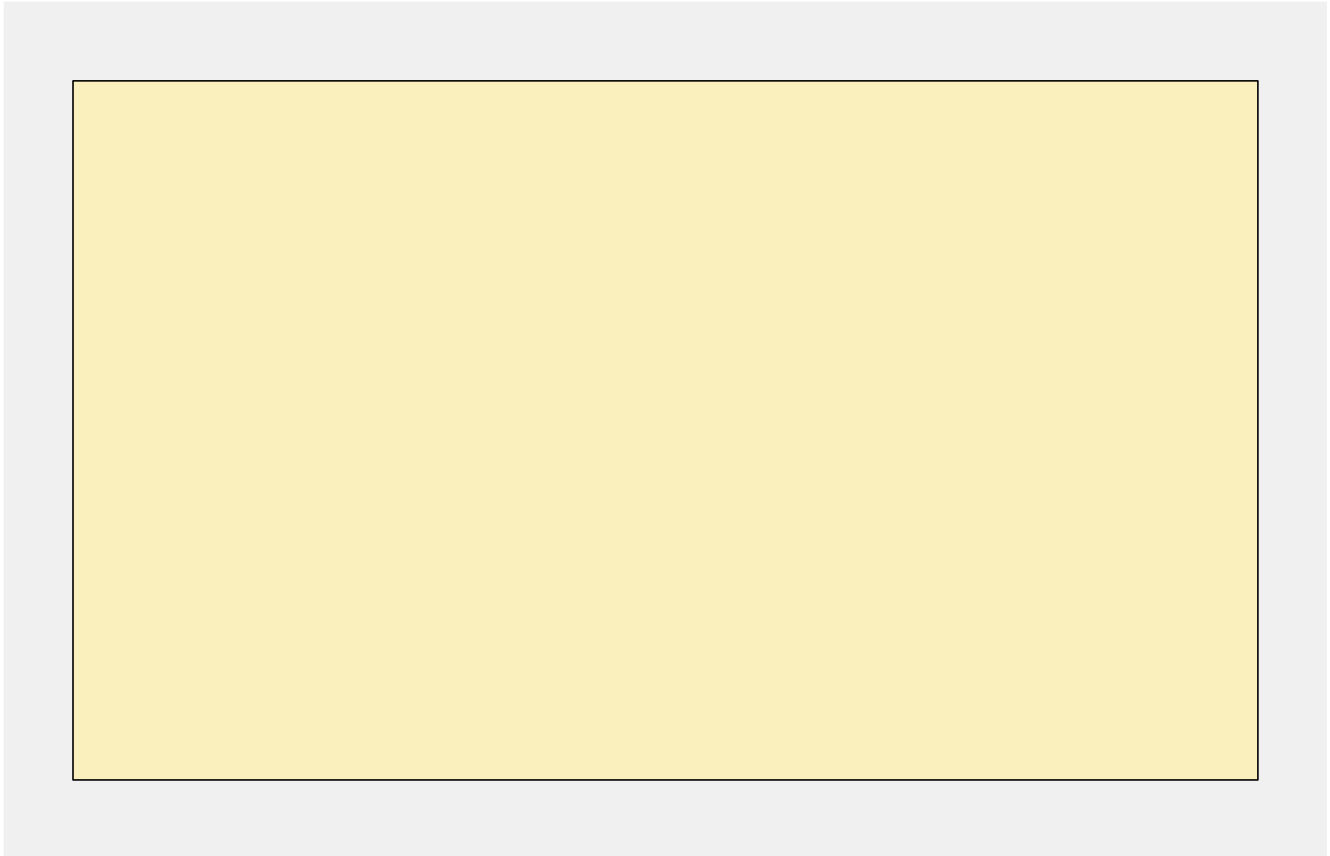
.1 Floor, %1



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Summary, Floor 1

.2 Floor overview



Number of rooms	1	
Total area	9 m ²	Calculated
Number of luminaires	1	
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Total power	16 W	
Total power per area	1.78 W/m ²	

Parts list

Type No.\Make

2	1	FUSION LUMINAIRES
		Order No. : !FDOMECCE3
		Luminaire name : FDOMECCE3
		Equipment : 1 x 16 W / 1700 lm



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Summary, Floor 1

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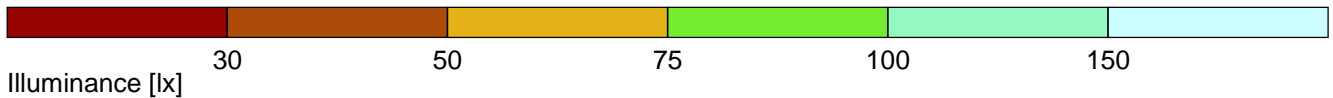
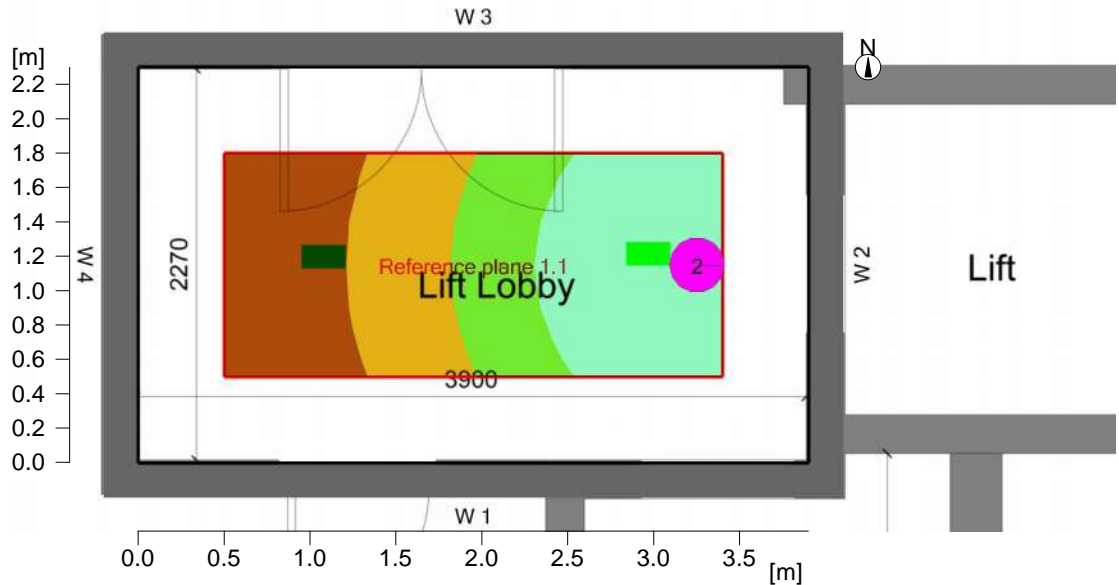


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1 Room 1

1.1 Summary, Room 1

1.1.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
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Total power per area (8.97 m ²)	1.78 W/m ² (2.33 W/m ² /100lx)

Evaluation area 1

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UGR (1.8H 3.0H)	<=19.8
Position	0.00 m

Type No.\Make

FUSION LUMINAIRES

2	1	Order No.	: !FDOMECCCE3
		Luminaire name	: FDOMECCCE3
		Equipment	: 1 x 16 W / 1700 lm



HENRY WISE HOUSE

Installation : 3RD, 5TH & 6TH FLOORS

Project number : PCCRD090123

Customer : CEF CROYDON

Processed by : PAUL CUTTS

Date : 09.01.2023

Project description:

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Object : HENRY WISE HOUSE
 Installation : 3RD, 5TH _6TH FLOORS
 Project number : PCCRD090123
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Description, Floor 1

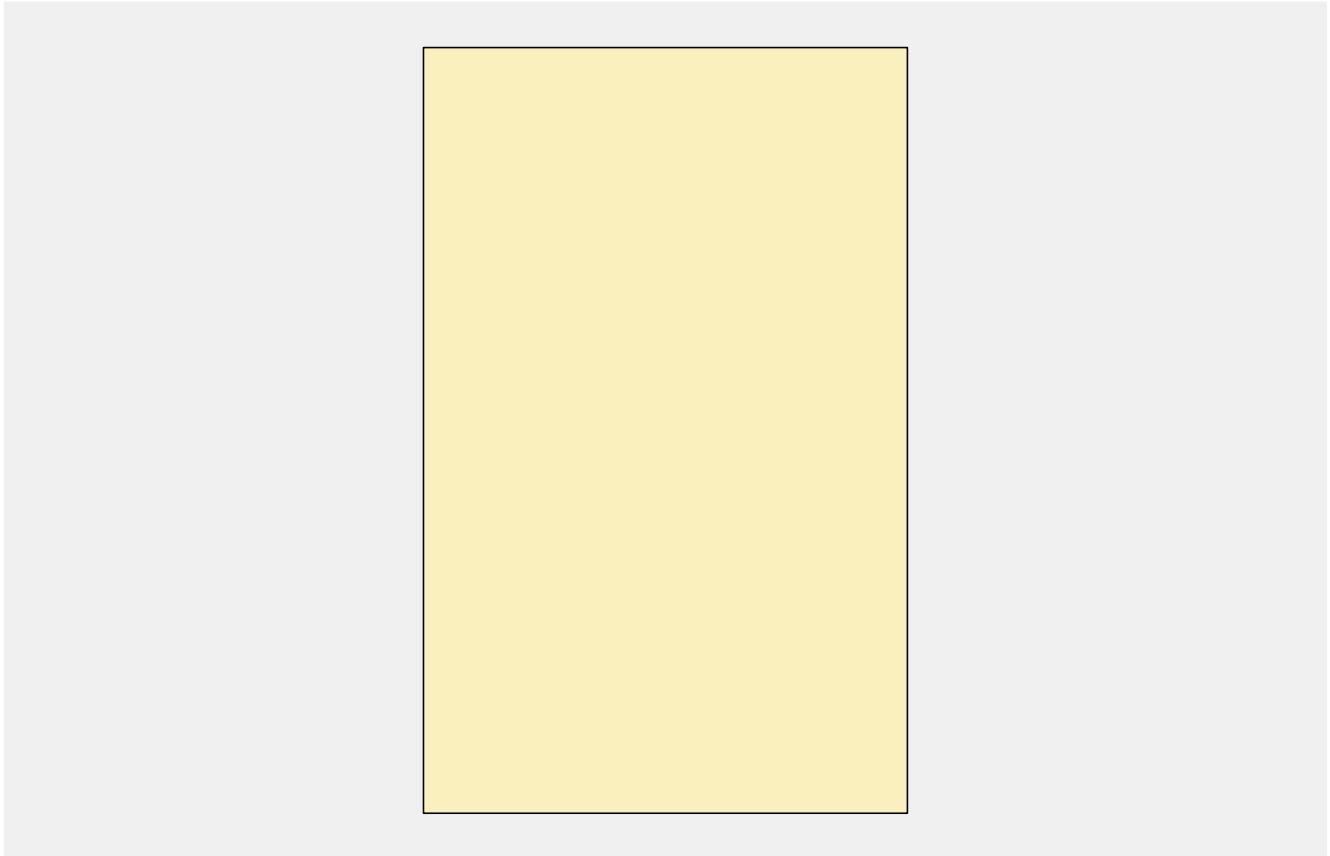
.1 Floor, %1



Object : HENRY WISE HOUSE
Installation : 3RD, 5TH _6TH FLOORS
Project number : PCCRD090123
Date : 09.01.2023

Summary, Floor 1

.2 Floor overview



Number of rooms	1	
Total area	9 m ²	Calculated
Number of luminaires	2	
Total luminous flux of all lamps	3400 lm	
Total power	32 W	
Total power per area	3.51 W/m ²	

Parts list

Type No.\Make

Type	No.	Make
1	2	FUSION LUMINAIRES
		Order No. : !FDOMECCCE3
		Luminaire name : FDOMECCCE3
		Equipment : 1 x 16 W / 1700 lm



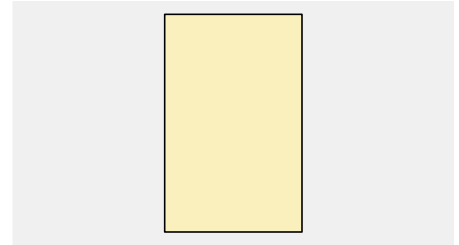
Object : HENRY WISE HOUSE
Installation : 3RD, 5TH _6TH FLOORS
Project number : PCCRD090123
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Summary, Floor 1

.2 Floor overview

Rooms

Room 1	2 x Luminaires
Total luminous flux of all lamps	3400 lm
Total power	32 W
Total power per area (9 m ²)	3.51 W/m ²
Em	119 lx
Emin	73 lx
Emin/Eav (Uo)	0.61
UGR	---

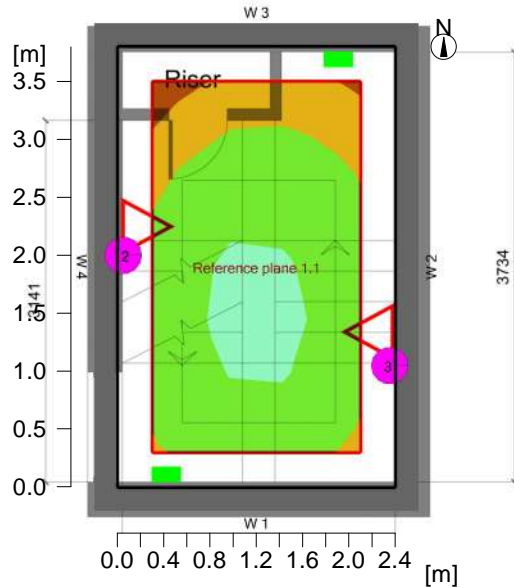


Object : HENRY WISE HOUSE
 Installation : 3RD, 5TH_6TH FLOORS
 Project number : PCCRD090123
 Date : 09.01.2023

1 Room 1

1.1 Summary, Room 1

1.1.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.85
Total luminous flux of all lamps	3400 lm
Total power	32.0 W
Total power per area (9.12 m ²)	3.51 W/m ² (2.94 W/m ² /100lx)


Evaluation area 1

Reference plane 1.1

	Horizontal
Em	119 lx
Emin	73 lx
Emin/Eav (Uo)	0.61
Emin/Emax (Ud)	0.48
Position	0.00 m

Type No.\Make

FUSION LUMINAIRES

1	2	Order No.	: !FDOMECCCE3
		Luminaire name	: FDOMECCCE3
		Equipment	: 1 x 16 W / 1700 lm

HENRY WISE HOUSE

Installation : 4TH & 7TH FLOORS

Project number : PCCRD090123

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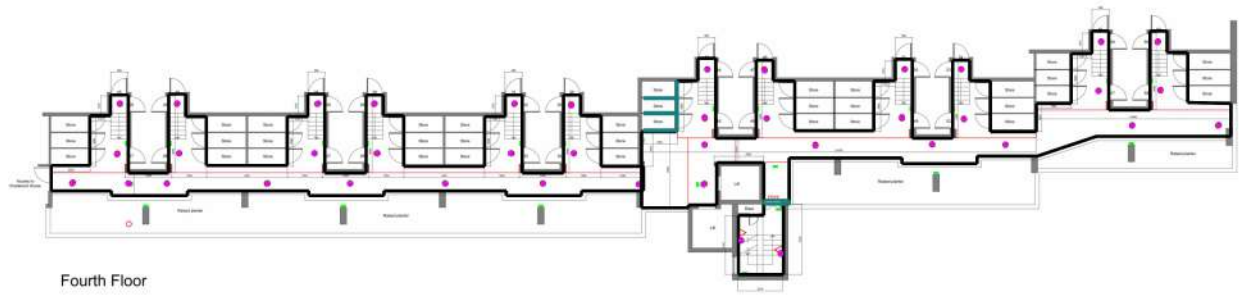
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Object : HENRY WISE HOUSE
Installation : 4TH_7TH FLOORS
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Description, Floor 1

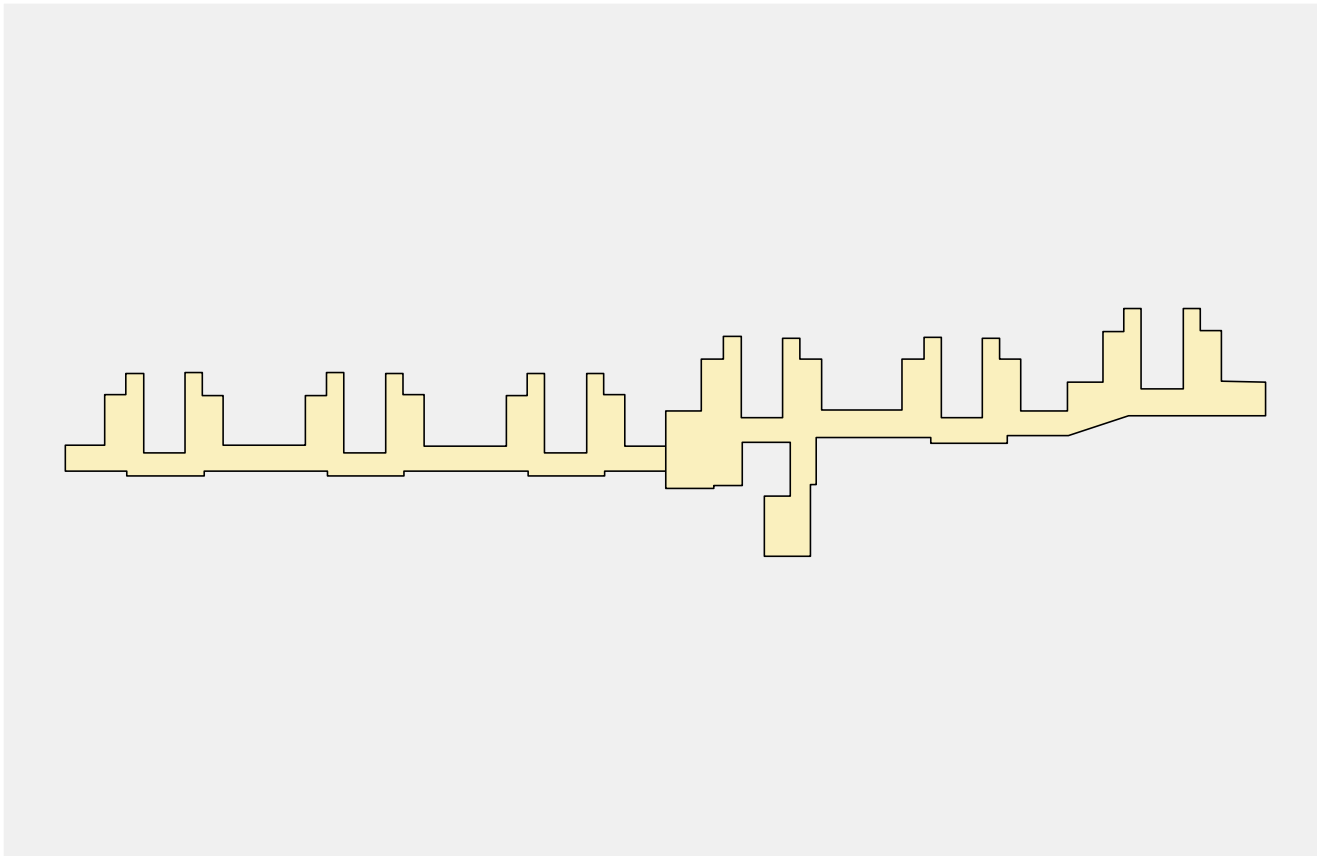
.1 Floor, %1



Object : HENRY WISE HOUSE
Installation : 4TH_7TH FLOORS
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Summary, Floor 1

.2 Floor overview



Number of rooms	2	
Total area	190 m ²	Calculated
Number of luminaires	41	
Total luminous flux of all lamps	69700 lm	
Total power	656 W	
Total power per area	3.45 W/m ²	

Parts list

Type No.\Make

1	41	FUSION LUMINAIRES
		Order No. : !FDOMECCE3
		Luminaire name : FDOMECCE3
		Equipment : 1 x 16 W / 1700 lm



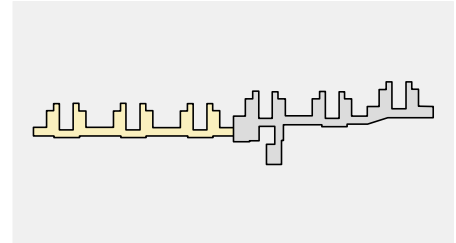
Object : HENRY WISE HOUSE
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Summary, Floor 1

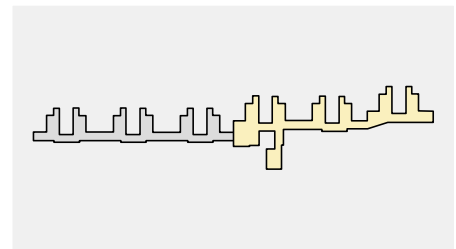
.2 Floor overview

Rooms

Room 1	20 x Luminaires
Total luminous flux of all lamps	34000 lm
Total power	320 W
Total power per area (80 m ²)	3.98 W/m ²
Em	152 lx
Emin	67 lx
Emin/Eav (Uo)	0.44
UGR	---



Room 6	21 x Luminaires
Total luminous flux of all lamps	35700 lm
Total power	336 W
Total power per area (110 m ²)	3.06 W/m ²
Em	126 lx
Emin	20 lx
Emin/Eav (Uo)	0.16
UGR	---

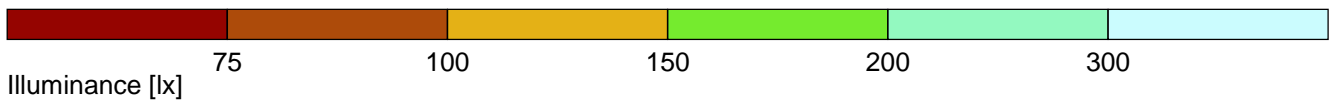


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1 Room 1

1.1 Summary, Room 1

1.1.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	2.50 m
Maintenance factor	0.85
Total luminous flux of all lamps	34000 lm
Total power	320.0 W
Total power per area (80.44 m ²)	3.98 W/m ² (2.61 W/m ² /100lx)

Evaluation area 1

Reference plane 1.1

Em	Horizontal
E _{min}	152 lx
E _{min} /E _{av} (U _o)	67 lx
E _{min} /E _{max} (U _d)	0.44
Position	0.29
	0.00 m

Type No.\Make

1	20	FUSION LUMINAIRES
		Order No. : !FDOMECCCE3
		Luminaire name : FDOMECCCE3
		Equipment : 1 x 16 W / 1700 lm

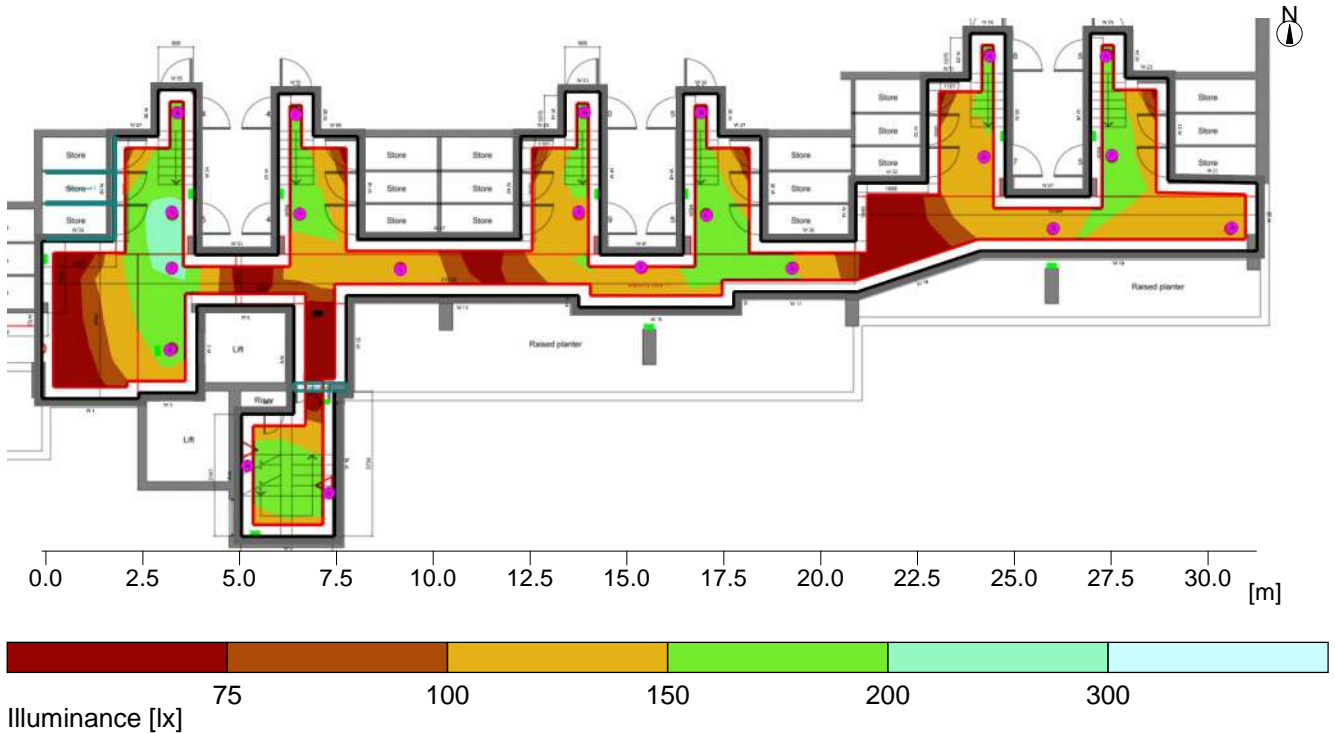


Object : HENRY WISE HOUSE
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2 Room 6

2.1 Summary, Room 6

2.1.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	2.50 m
Maintenance factor	0.85
Total luminous flux of all lamps	35700 lm
Total power	336.0 W
Total power per area (109.70 m ²)	3.06 W/m ² (2.42 W/m ² /100lx)

Evaluation area 1

Reference plane 1.1

	Horizontal
Em	126 lx
Emin	20 lx
Emin/Eav (Uo)	0.16
Emin/Emax (Ud)	0.10
Position	0.00 m

Type No.\Make

1	21	FUSION LUMINAIRES
		Order No. : !FDOMECCCE3
		Luminaire name : FDOMECCCE3
		Equipment : 1 x 16 W / 1700 lm

