



Installation : Back Turner Street

Project number : P712

Customer : Domis

Processed by : Joe Veale

Date : 03.05.2022

Project description:
Back Turner Street

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.

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1 Luminaire data

1.1 RICOMAN, Estrella Simplicity Bla... (R311102/BK/4K/LU)

1.1.1 Data sheet

Manufacturer: RICOMAN

R311102/BK/4K/LU

Estrella Simplicity Black 1.2M 28W 4000K Low UGR

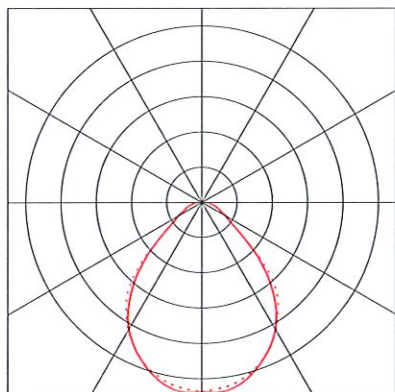
Luminaire data

Luminaire efficiency : 100%
Luminaire efficacy : 100.57 lm/W
Classification : A50 ↓100.0% ↑0.0%
CIE Flux Codes : 66 90 97 100 100
UGR 4H 8H : 21.8 / 22.0
Power : 28 W
Luminous flux : 2816 lm

Equipped with

Quantity : 1
Designation : LED
Colour : 4000k
Luminous flux : 2816 lm
Colour reproduction : 90

Dimensions : 1206 mm x 50 mm x 83 mm



Emergency Lighting

Light source from normal operation with reduced flux
Luminous flux : 281 lm

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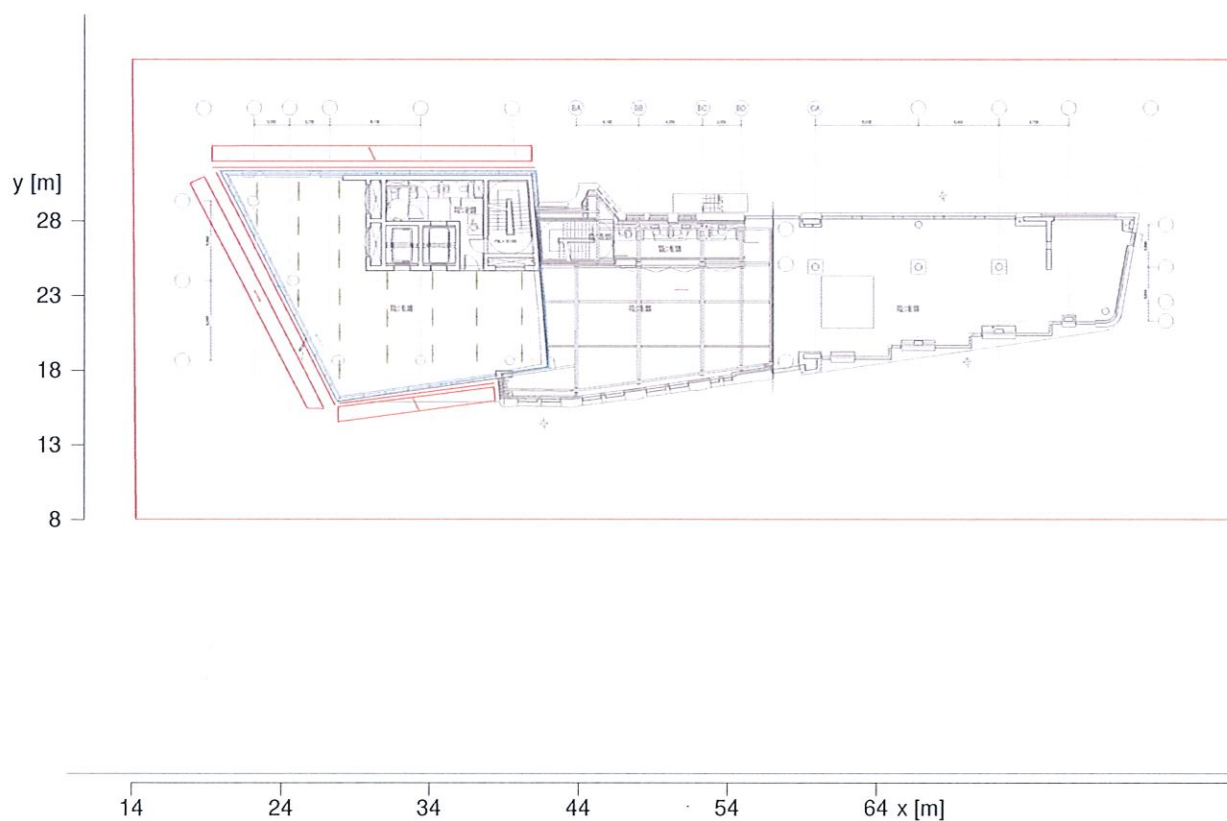
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2 Exterior 2

2.1 Description, Exterior 2

2.1.1 Floor plan



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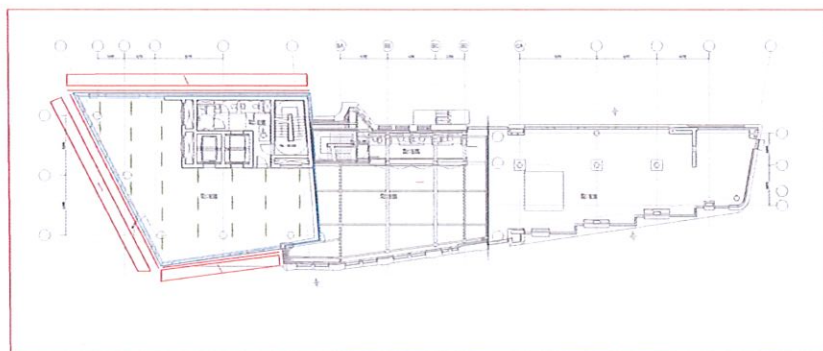
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2 Exterior 2

2.2 Summary, Exterior 2

2.2.1 Result overview, North - EXT



14 24 34 44 54 64 x [m]



0 0.10.150.2 0.3 0.50.75 1 1.5 2 3 5 7.5 10 15 20 30 50 75 10015020030050075010005002000000000500
Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height (phot centre) [m]:	2.56 m
Maintenance factor	0.80

Total luminous flux of all lamps	67584 lm
Total power	672 W
Total power per area (2269.46 m²)	0.30 W/m²

Illuminance

Average illuminance	Em	0.02 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	1.54 lx
Uniformity Uo	Emin/Em	1:--- (---)
Diversity Ud	Emin/Emax	1:--- (---)

Type No. Make

2	24	RICOMAN	
		Order No.	: R311102/BK/4K/LU
		Luminaire name	: Estrella Simplicity Black 1.2M 28W 4000K Low UGR
		Equipment	: 1 x LED 28 W / 2816 lm

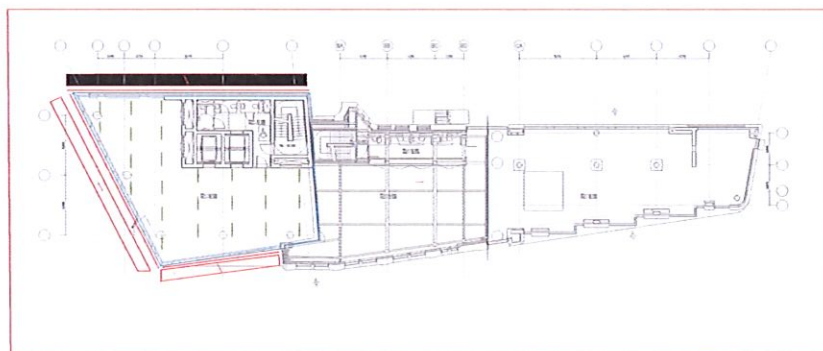
-please put your own address here-

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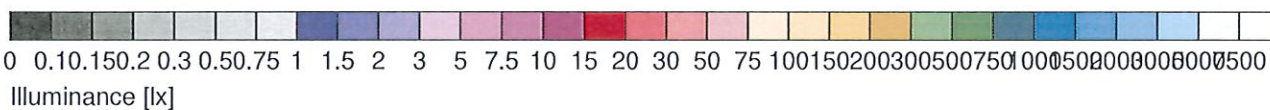
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2.2 Summary, Exterior 2

2.2.2 Result overview, NORTH FLOOR



14 24 34 44 54 64 x [m]



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Height (phot. centre) [m]:	2.56 m
Maintenance factor	0.80

Total luminous flux of all lamps	67584 lm
Total power	672 W
Total power per area (2269.46 m²)	0.30 W/m²

Illuminance

Average illuminance	Em	0 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	0 lx
Uniformity Uo	Emin/Em	1:--- (---)
Diversity Ud	Emin/Emax	1:--- (---)

Type No.\Make

2	24	RICOMAN	
		Order No.	: R311102/BK/4K/LU
		Luminaire name	: Estrella Simplicity Black 1.2M 28W 4000K Low UGR
		Equipment	: 1 x LED 28 W / 2816 lm

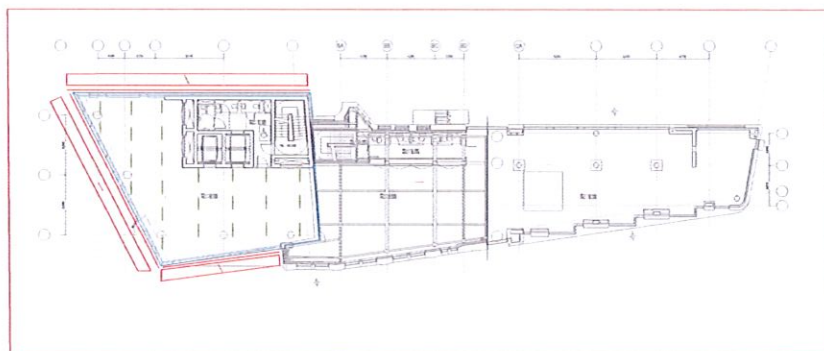
-please put your own address here-

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2.2 Summary, Exterior 2

2.2.3 Result overview, WEST - EXT-1



14 24 34 44 54 64 x [m]



0 0.10.150.2 0.3 0.50.75 1 1.5 2 3 5 7.5 10 15 20 30 50 75 10015020030050075010005000000000000500
 Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height (phot centre) [m]:	2.56 m
Maintenance factor	0.80

Total luminous flux of all lamps	67584 lm
Total power	672 W
Total power per area (2269.46 m²)	0.30 W/m²

Illuminance

Average illuminance	Em	0.14 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	0.84 lx
Uniformity Uo	Emin/Em	1:--- (---)
Diversity Ud	Emin/Emax	1:--- (---)

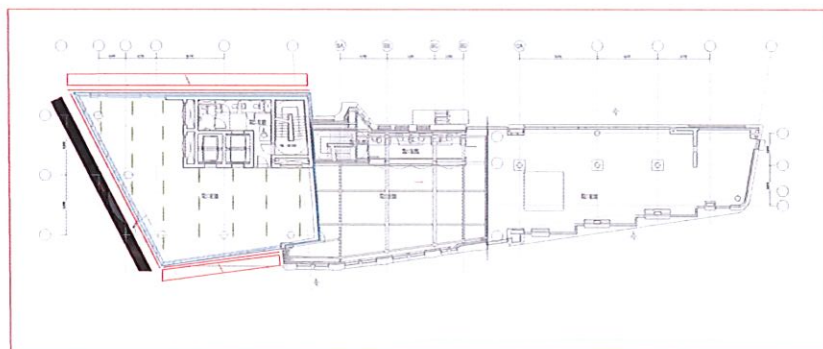
Type No. Make

2	24	RICOMAN	
		Order No.	: R311102/BK/4K/LU
		Luminaire name	: Estrella Simplicity Black 1.2M 28W 4000K Low UGR
		Equipment	: 1 x LED 28 W / 2816 lm

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2.2.4 Result overview, WEST FLOOR

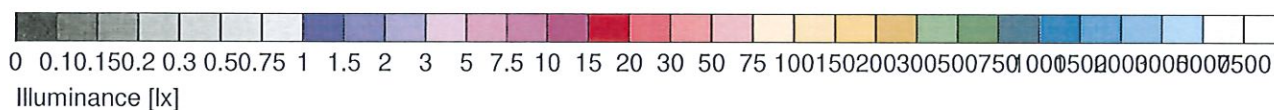
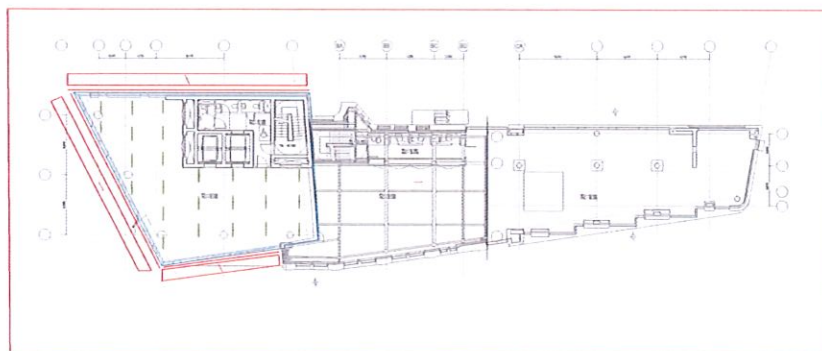


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2.2 Summary, Exterior 2

2.2.5 Result overview, SOUTH - EXT-2



General

Calculation algorithm used	Average indirect fraction
Height (phot. centre) [m]:	2.56 m
Maintenance factor	0.80

Total luminous flux of all lamps	67584 lm
Total power	672 W
Total power per area (2269.46 m²)	0.30 W/m²

Illuminance

Average illuminance	Em	0 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	0 lx
Uniformity Uo	Emin/Em	1:--- (---)
Diversity Ud	Emin/Emax	1:--- (---)

Type No. Make

2	24	RICOMAN	
		Order No.	: R311102/BK/4K/LU
		Luminaire name	: Estrella Simplicity Black 1.2M 28W 4000K Low UGR
		Equipment	: 1 x LED 28 W / 2816 lm

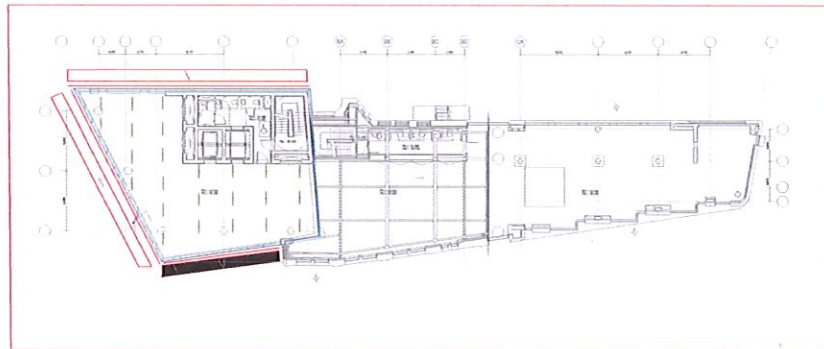
-please put your own address here-

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2.2 Summary, Exterior 2

2.2.6 Result overview, SOUTH FLOOR



14 24 34 44 54 64 x [m]



0 0.10.150.2 0.3 0.50.75 1 1.5 2 3 5 7.5 10 15 20 30 50 75 1001502003005007501000500000000000500
 Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Height (phot centre) [m]:	2.56 m
Maintenance factor	0.80

Total luminous flux of all lamps	67584 lm
Total power	672 W
Total power per area (2269.46 m²)	0.30 W/m²

Illuminance

Average illuminance	Em	0 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	0 lx
Uniformity Uo	Emin/Em	1:--- (---)
Diversity Ud	Emin/Emax	1:--- (---)

Type No. Make

2	24	RICOMAN	
		Order No.	: R311102/BK/4K/LU
		Luminaire name	: Estrella Simplicity Black 1.2M 28W 4000K Low UGR
		Equipment	: 1 x LED 28 W / 2816 lm

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2.2.7 Result overview, Evaluation area 1

