COLLINGWOOD
LIGHTING

Installation : Didsbury Point - Car Park

Project number :
Customer : Prana
Processed by : Chris Astin
Date : 10.02.2026

Project description:

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.

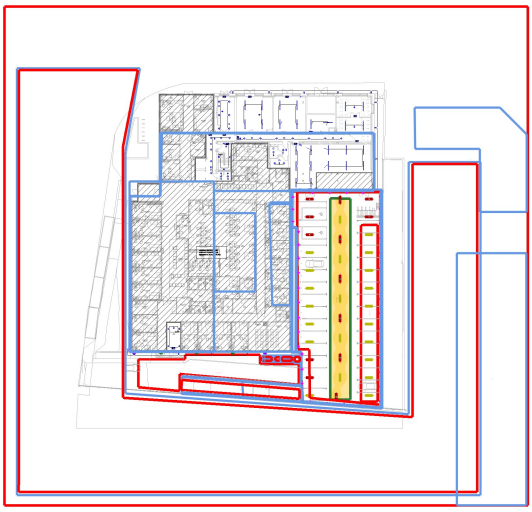
Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

1 GF Car Park

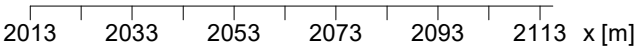
1.1 Summary, GF Car Park

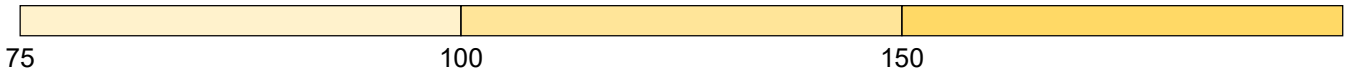
1.1.1 Result overview, GF Driveway











Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	290910 lm
Total power	1977 W
Total power per area (706.88 m²)	2.80 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	155 lx
Minimum illuminance	E_{min}	95 lx
Maximum illuminance	E_{max}	189 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:1.62 (0.62)
Diversity U_d	E_{min}/E_{max}	1:1.98 (0.51)

Type No.\Make

ANSELL

1 3 x
Order No. : AWOLF/BLK (CW 21W)
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm

2 3E x
Order No. : AWOLF/BLK/M3 (CW 21W) -- Emergency Lighting --
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm
Emergency : 398 lm (14.6 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

1 GF Car Park

1.1 Summary, GF Car Park

1.1.1 Result overview, GF Driveway

Collingwood Lighting

3 22 x
Order No. : AC5N/CCT - 4000K - CRI 80
Luminaire name : Caiman Versa
Equipment : 1 x LED 28 W / 4200 lm

4 13E x
Order No. : AC5NES/CCT - 4000K - CRI 80 -- Emergency Lighting --
Luminaire name : Caiman Versa
Equipment : 1 x LED 29 W / 4200 lm
Emergency : 230 lm (5.5 %)

5 38E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 20 W / 3000 lm
Emergency : 130 lm (4.3 %)

6 9E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 10 W / 1500 lm
Emergency : 130 lm (8.7 %)

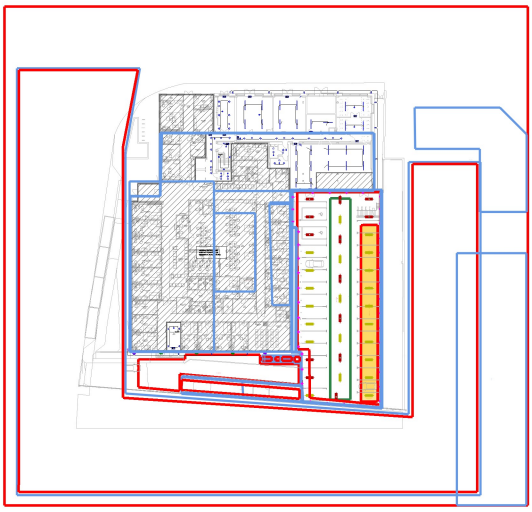
Object :
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Date : 10.02.2026

COLLINGWOOD LIGHTING

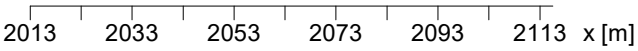
1.1 Summary, GF Car Park

1.1.2 Result overview, GF Parking Bays











Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	290910 lm
Total power	1977 W
Total power per area (706.88 m²)	2.80 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	172 lx
Minimum illuminance	E_{min}	108 lx
Maximum illuminance	E_{max}	204 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:1.59 (0.63)
Diversity U_d	E_{min}/E_{max}	1:1.89 (0.53)

Type No.\Make

ANSELL

1 3 x
Order No. : AWOLF/BLK (CW 21W)
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm

2 3E x
Order No. : AWOLF/BLK/M3 (CW 21W) -- Emergency Lighting --
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm
Emergency : 398 lm (14.6 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

COLLINGWOOD
LIGHTING

1.1 Summary, GF Car Park

1.1.2 Result overview, GF Parking Bays

Collingwood Lighting

3 22 x
Order No. : AC5N/CCT - 4000K - CRI 80
Luminaire name : Caiman Versa
Equipment : 1 x LED 28 W / 4200 lm

4 13E x
Order No. : AC5NES/CCT - 4000K - CRI 80 -- Emergency Lighting --
Luminaire name : Caiman Versa
Equipment : 1 x LED 29 W / 4200 lm
Emergency : 230 lm (5.5 %)

5 38E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 20 W / 3000 lm
Emergency : 130 lm (4.3 %)

6 9E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 10 W / 1500 lm
Emergency : 130 lm (8.7 %)

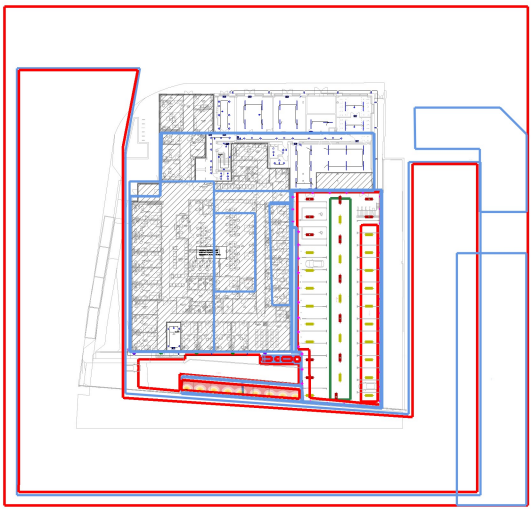
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COLLINGWOOD LIGHTING

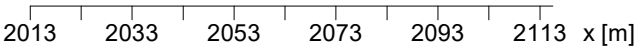
1.1 Summary, GF Car Park

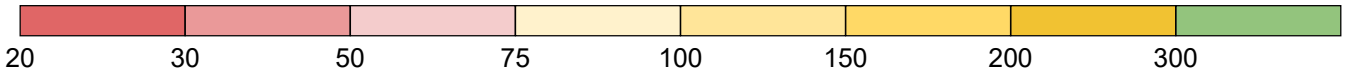
1.1.3 Result overview, Ramp











Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.80
Total luminous flux	290910 lm
Total power	1977 W
Total power per area (706.88 m²)	2.80 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	75 lx
Minimum illuminance	E_{min}	21 lx
Maximum illuminance	E_{max}	370 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:3.55 (0.28)
Diversity U_d	E_{min}/E_{max}	1:17.5 (0.06)

Type No.\Make

ANSELL

1 3 x
Order No. : AWOLF/BLK (CW 21W)
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm

2 3E x
Order No. : AWOLF/BLK/M3 (CW 21W) -- Emergency Lighting --
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm
Emergency : 398 lm (14.6 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

1.1 Summary, GF Car Park

1.1.3 Result overview, Ramp

Collingwood Lighting

3 22 x
Order No. : AC5N/CCT - 4000K - CRI 80
Luminaire name : Caiman Versa
Equipment : 1 x LED 28 W / 4200 lm

4 13E x
Order No. : AC5NES/CCT - 4000K - CRI 80 -- Emergency Lighting --
Luminaire name : Caiman Versa
Equipment : 1 x LED 29 W / 4200 lm
Emergency : 230 lm (5.5 %)

5 38E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 20 W / 3000 lm
Emergency : 130 lm (4.3 %)

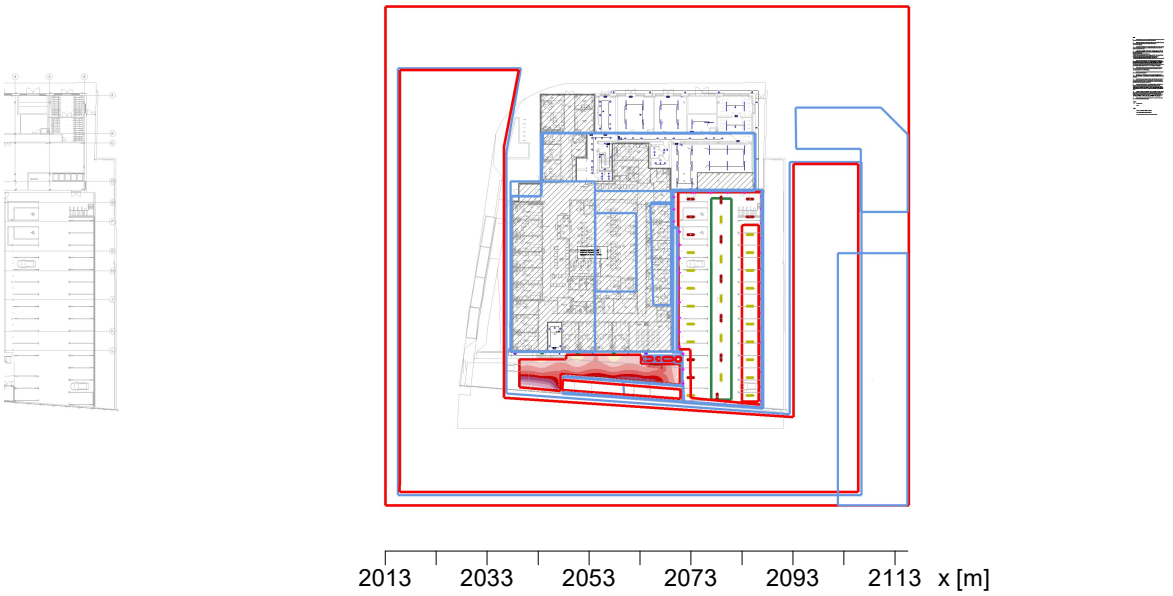
6 9E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 10 W / 1500 lm
Emergency : 130 lm (8.7 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

COLLINGWOOD LIGHTING

1.1 Summary, GF Car Park

1.1.4 Result overview, Entrance Area





Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	290910 lm
Total power	1977 W
Total power per area (706.88 m²)	2.80 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	37.5 lx
Minimum illuminance	E_{min}	3.8 lx
Maximum illuminance	E_{max}	89.2 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:9.93 (0.1)
Diversity U_d	E_{min}/E_{max}	1:23.6 (0.04)

Type No.\Make

ANSELL

1 3 x
Order No. : AWOLF/BLK (CW 21W)
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm

2 3E x
Order No. : AWOLF/BLK/M3 (CW 21W) -- Emergency Lighting --
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm
Emergency : 398 lm (14.6 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

1.1 Summary, GF Car Park

1.1.4 Result overview, Entrance Area

Collingwood Lighting

3 22 x
Order No. : AC5N/CCT - 4000K - CRI 80
Luminaire name : Caiman Versa
Equipment : 1 x LED 28 W / 4200 lm

4 13E x
Order No. : AC5NES/CCT - 4000K - CRI 80 -- Emergency Lighting --
Luminaire name : Caiman Versa
Equipment : 1 x LED 29 W / 4200 lm
Emergency : 230 lm (5.5 %)

5 38E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 20 W / 3000 lm
Emergency : 130 lm (4.3 %)

6 9E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 10 W / 1500 lm
Emergency : 130 lm (8.7 %)

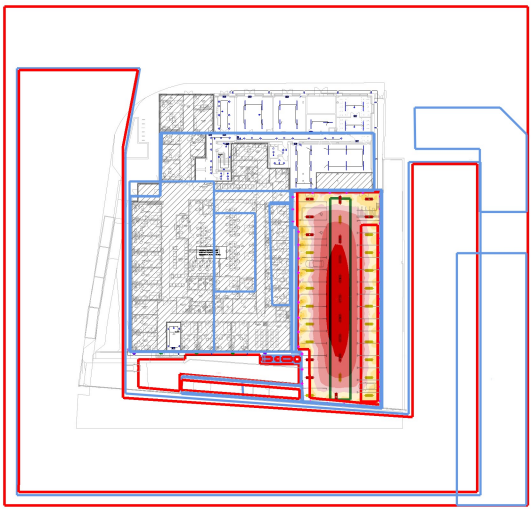
Object :
Installation : Didsbury Point - Car Park
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Date : 10.02.2026

COLLINGWOOD LIGHTING

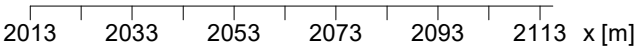
1.1 Summary, GF Car Park

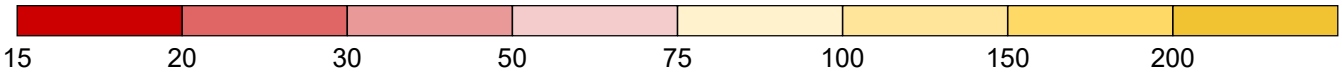
1.1.5 Result overview, Upper Car Park











Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	3.67 m
Maintenance factor	0.80
Total luminous flux	290910 lm
Total power	1977 W
Total power per area (706.88 m²)	2.80 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	63 lx
Minimum illuminance	E_{min}	16 lx
Maximum illuminance	E_{max}	282 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:3.94 (0.25)
Diversity U_d	E_{min}/E_{max}	1:17.7 (0.06)

Type No.\Make

ANSELL

1 3 x
Order No. : AWOLF/BLK (CW 21W)
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm

2 3E x
Order No. : AWOLF/BLK/M3 (CW 21W) -- Emergency Lighting --
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm
Emergency : 398 lm (14.6 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

1.1 Summary, GF Car Park

1.1.5 Result overview, Upper Car Park

Collingwood Lighting

3 22 x
Order No. : AC5N/CCT - 4000K - CRI 80
Luminaire name : Caiman Versa
Equipment : 1 x LED 28 W / 4200 lm

4 13E x
Order No. : AC5NES/CCT - 4000K - CRI 80 -- Emergency Lighting --
Luminaire name : Caiman Versa
Equipment : 1 x LED 29 W / 4200 lm
Emergency : 230 lm (5.5 %)

5 38E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 20 W / 3000 lm
Emergency : 130 lm (4.3 %)

6 9E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 10 W / 1500 lm
Emergency : 130 lm (8.7 %)

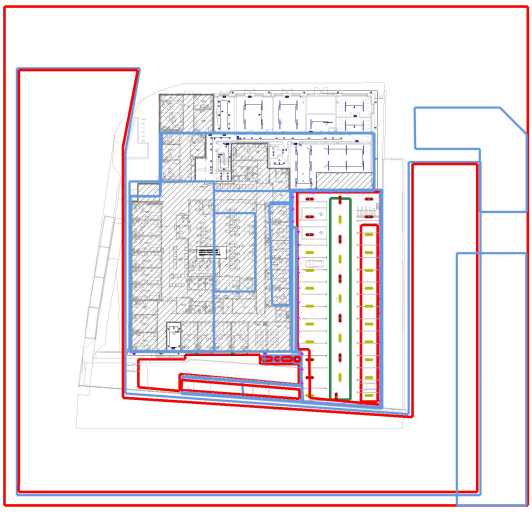
Object :
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Date : 10.02.2026

COLLINGWOOD LIGHTING

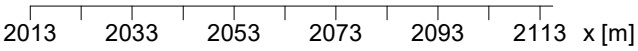
1.1 Summary, GF Car Park

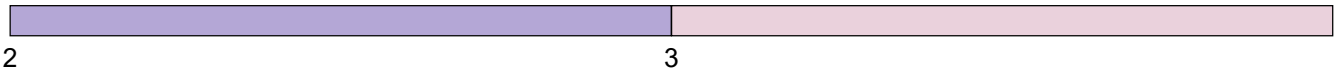
1.1.6 Result overview, Top of Stairs











Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	3.54 m
Maintenance factor	0.80
Total luminous flux	290910 lm
Total power	1977 W
Total power per area (706.88 m²)	2.80 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	3.02 lx
Minimum illuminance	E_{min}	2.26 lx
Maximum illuminance	E_{max}	4.32 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:1.34 (0.75)
Diversity U_d	E_{min}/E_{max}	1:1.92 (0.52)

Type No.\Make

ANSELL

1 3 x
Order No. : AWOLF/BLK (CW 21W)
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm

2 3E x
Order No. : AWOLF/BLK/M3 (CW 21W) -- Emergency Lighting --
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm
Emergency : 398 lm (14.6 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

COLLINGWOOD
LIGHTING

1.1 Summary, GF Car Park

1.1.6 Result overview, Top of Stairs

Collingwood Lighting

3 22 x
Order No. : AC5N/CCT - 4000K - CRI 80
Luminaire name : Caiman Versa
Equipment : 1 x LED 28 W / 4200 lm

4 13E x
Order No. : AC5NES/CCT - 4000K - CRI 80 -- Emergency Lighting --
Luminaire name : Caiman Versa
Equipment : 1 x LED 29 W / 4200 lm
Emergency : 230 lm (5.5 %)

5 38E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 20 W / 3000 lm
Emergency : 130 lm (4.3 %)

6 9E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 10 W / 1500 lm
Emergency : 130 lm (8.7 %)

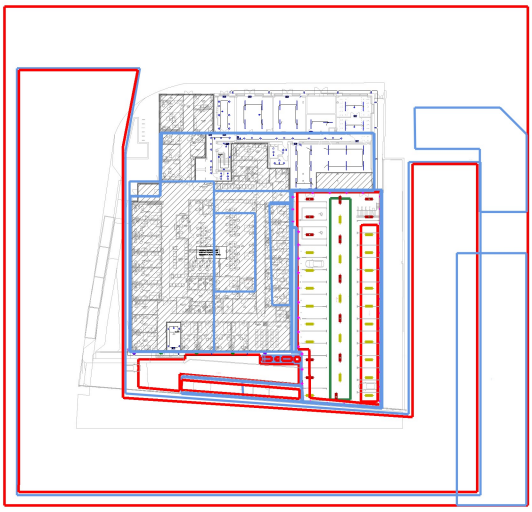
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COLLINGWOOD LIGHTING

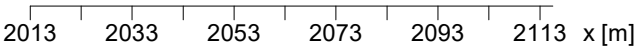
1.1 Summary, GF Car Park

1.1.7 Result overview, Halfway stair landing











Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	1.86 m
Maintenance factor	0.80
Total luminous flux	290910 lm
Total power	1977 W
Total power per area (706.88 m²)	2.80 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	34.6 lx
Minimum illuminance	E_{min}	20.7 lx
Maximum illuminance	E_{max}	55.5 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:1.67 (0.6)
Diversity U_d	E_{min}/E_{max}	1:2.67 (0.37)

Type No.\Make

ANSELL

1 3 x Order No. : AWOLF/BLK (CW 21W)
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm

2 3E x Order No. : AWOLF/BLK/M3 (CW 21W) -- Emergency Lighting --
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm
Emergency : 398 lm (14.6 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

COLLINGWOOD
LIGHTING

1.1 Summary, GF Car Park

1.1.7 Result overview, Halfway stair landing

Collingwood Lighting

3 22 x
Order No. : AC5N/CCT - 4000K - CRI 80
Luminaire name : Caiman Versa
Equipment : 1 x LED 28 W / 4200 lm

4 13E x
Order No. : AC5NES/CCT - 4000K - CRI 80 -- Emergency Lighting --
Luminaire name : Caiman Versa
Equipment : 1 x LED 29 W / 4200 lm
Emergency : 230 lm (5.5 %)

5 38E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 20 W / 3000 lm
Emergency : 130 lm (4.3 %)

6 9E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 10 W / 1500 lm
Emergency : 130 lm (8.7 %)

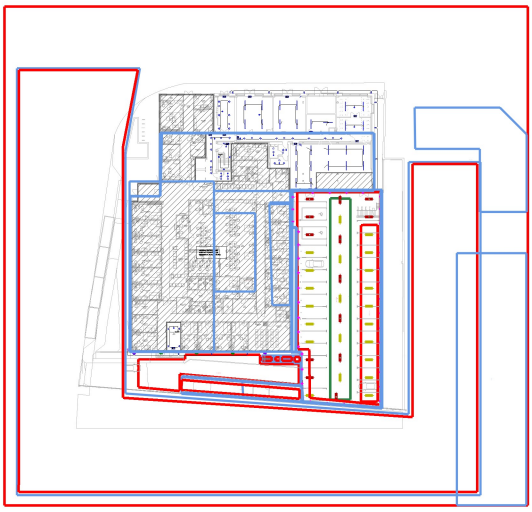
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Project number :
Date : 10.02.2026

COLLINGWOOD LIGHTING

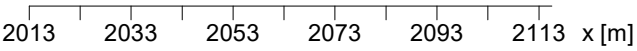
1.1 Summary, GF Car Park

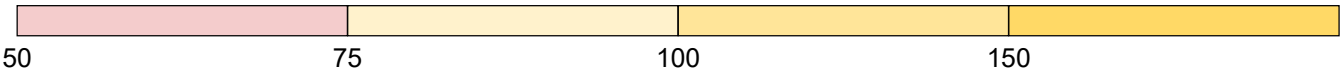
1.1.8 Result overview, Lower Tread











Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.80
Total luminous flux	290910 lm
Total power	1977 W
Total power per area (706.88 m²)	2.80 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	122 lx
Minimum illuminance	E_{min}	72 lx
Maximum illuminance	E_{max}	187 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:1.7 (0.59)
Diversity U_d	E_{min}/E_{max}	1:2.61 (0.38)

Type No.\Make

ANSELL

1 3 x
Order No. : AWOLF/BLK (CW 21W)
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm

2 3E x
Order No. : AWOLF/BLK/M3 (CW 21W) -- Emergency Lighting --
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm
Emergency : 398 lm (14.6 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

1.1 Summary, GF Car Park

1.1.8 Result overview, Lower Tread

Collingwood Lighting

3 22 x
Order No. : AC5N/CCT - 4000K - CRI 80
Luminaire name : Caiman Versa
Equipment : 1 x LED 28 W / 4200 lm

4 13E x
Order No. : AC5NES/CCT - 4000K - CRI 80 -- Emergency Lighting --
Luminaire name : Caiman Versa
Equipment : 1 x LED 29 W / 4200 lm
Emergency : 230 lm (5.5 %)

5 38E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 20 W / 3000 lm
Emergency : 130 lm (4.3 %)

6 9E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 10 W / 1500 lm
Emergency : 130 lm (8.7 %)

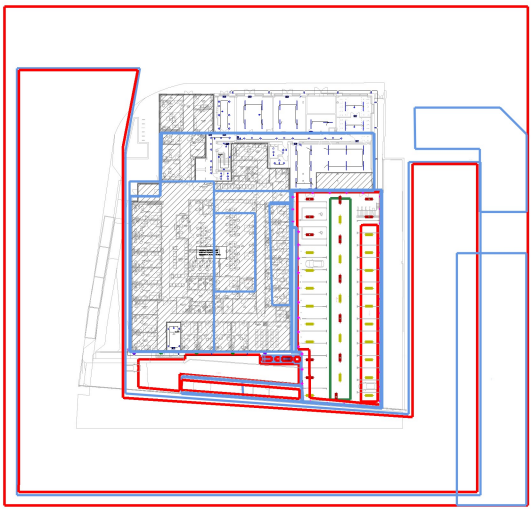
Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

COLLINGWOOD LIGHTING

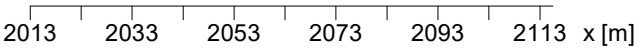
1.1 Summary, GF Car Park

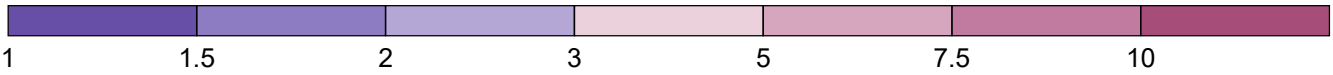
1.1.9 Result overview, Upper Tread











Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.80
Total luminous flux	290910 lm
Total power	1977 W
Total power per area (706.88 m²)	2.80 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	3 lx
Minimum illuminance	E_{min}	1.5 lx
Maximum illuminance	E_{max}	10.2 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:2.01 (0.5)
Diversity U_d	E_{min}/E_{max}	1:6.92 (0.14)

Type No.\Make

ANSELL

1 3 x
Order No. : AWOLF/BLK (CW 21W)
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm

2 3E x
Order No. : AWOLF/BLK/M3 (CW 21W) -- Emergency Lighting --
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm
Emergency : 398 lm (14.6 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

1.1 Summary, GF Car Park

1.1.9 Result overview, Upper Tread

Collingwood Lighting

3 22 x
Order No. : AC5N/CCT - 4000K - CRI 80
Luminaire name : Caiman Versa
Equipment : 1 x LED 28 W / 4200 lm

4 13E x
Order No. : AC5NES/CCT - 4000K - CRI 80 -- Emergency Lighting --
Luminaire name : Caiman Versa
Equipment : 1 x LED 29 W / 4200 lm
Emergency : 230 lm (5.5 %)

5 38E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 20 W / 3000 lm
Emergency : 130 lm (4.3 %)

6 9E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 10 W / 1500 lm
Emergency : 130 lm (8.7 %)

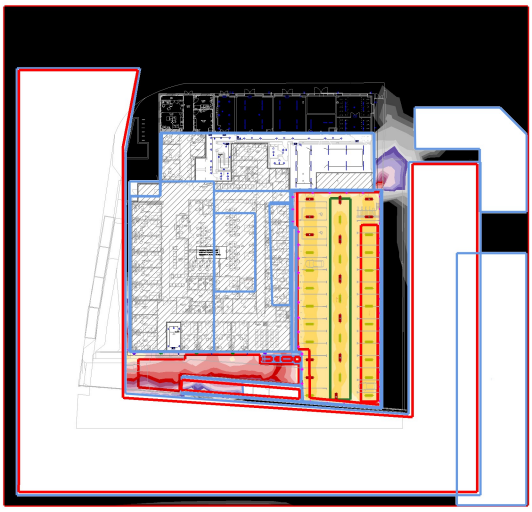
Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

COLLINGWOOD LIGHTING

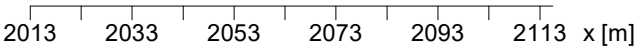
1.1 Summary, GF Car Park

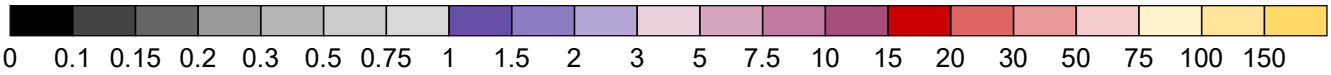
1.1.10 Result overview, Measuring area 10











General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	290910 lm
Total power	1977 W
Total power per area (706.88 m²)	2.80 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	28 lx
Minimum illuminance	E_{min}	0 lx
Maximum illuminance	E_{max}	165 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:--- (---)
Diversity U_d	E_{min}/E_{max}	1:--- (---)

Type No.\Make

ANSELL

1 3 x
Order No. : AWOLF/BLK (CW 21W)
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm

2 3E x
Order No. : AWOLF/BLK/M3 (CW 21W) -- Emergency Lighting --
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm
Emergency : 398 lm (14.6 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

1.1 Summary, GF Car Park

1.1.10 Result overview, Measuring area 10

Collingwood Lighting

3 22 x
Order No. : AC5N/CCT - 4000K - CRI 80
Luminaire name : Caiman Versa
Equipment : 1 x LED 28 W / 4200 lm

4 13E x
Order No. : AC5NES/CCT - 4000K - CRI 80 -- Emergency Lighting --
Luminaire name : Caiman Versa
Equipment : 1 x LED 29 W / 4200 lm
Emergency : 230 lm (5.5 %)

5 38E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 20 W / 3000 lm
Emergency : 130 lm (4.3 %)

6 9E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 10 W / 1500 lm
Emergency : 130 lm (8.7 %)

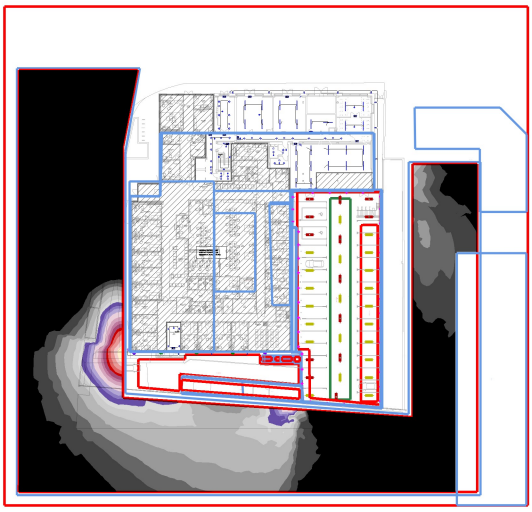
Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

COLLINGWOOD LIGHTING

1.1 Summary, GF Car Park

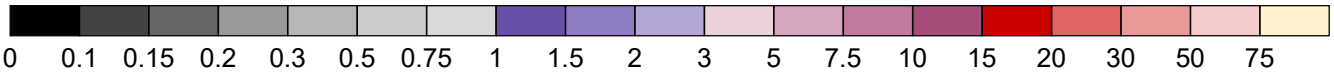
1.1.11 Result overview, Surrounding Area







2013 2033 2053 2073 2093 2113 x [m]



0 0.1 0.15 0.2 0.3 0.5 0.75 1 1.5 2 3 5 7.5 10 15 20 30 50 75

Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.47 m
Maintenance factor	0.80
Total luminous flux	290910 lm
Total power	1977 W
Total power per area (706.88 m²)	2.80 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	0.5 lx
Minimum illuminance	E_{min}	0 lx
Maximum illuminance	E_{max}	97.3 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:--- (---)
Diversity U_d	E_{min}/E_{max}	1:--- (---)

Type No.\Make

ANSELL

1 3 x Order No. : AWOLF/BLK (CW 21W)
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm

2 3E x Order No. : AWOLF/BLK/M3 (CW 21W) -- Emergency Lighting --
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm
Emergency : 398 lm (14.6 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

1.1 Summary, GF Car Park

1.1.11 Result overview, Surrounding Area

Collingwood Lighting

3 22 x
Order No. : AC5N/CCT - 4000K - CRI 80
Luminaire name : Caiman Versa
Equipment : 1 x LED 28 W / 4200 lm

4 13E x
Order No. : AC5NES/CCT - 4000K - CRI 80 -- Emergency Lighting --
Luminaire name : Caiman Versa
Equipment : 1 x LED 29 W / 4200 lm
Emergency : 230 lm (5.5 %)

5 38E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 20 W / 3000 lm
Emergency : 130 lm (4.3 %)

6 9E x
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 10 W / 1500 lm
Emergency : 130 lm (8.7 %)

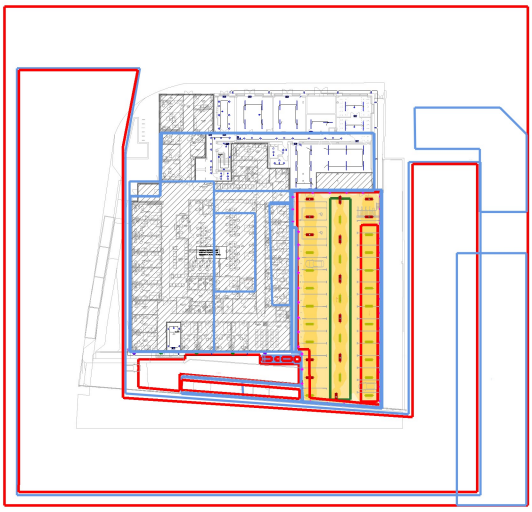
Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

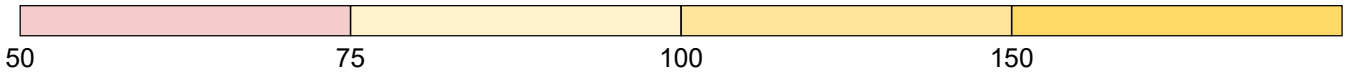
COLLINGWOOD LIGHTING

1.1 Summary, GF Car Park

1.1.12 Result overview, Evaluation area 1







Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.80
Total lamp luminous flux	261000 lm
Luminaire luminous flux	260860 lm
Total power	1753.0 W
Total power per area (706.88 m²)	2.48 W/m² (1.72 W/m²/100lx)

Evaluation area 1	**Reference plane 1.1**
	Horizontal
$\bar{E}_m$	144 lx
E_{min}	68 lx
$E_{min}/\bar{E}_m$ (U_o)	0.47
E_{min}/E_{max} (U_d)	0.34
Position	0.00 m

Type No.\Make

Collingwood Lighting

3 22 x
Order No. : AC5N/CCT - 4000K - CRI 80
Luminaire name : Caiman Versa
Equipment : 1 x LED 28 W / 4200 lm

4 13E x
Order No. : AC5NES/CCT - 4000K - CRI 80 -- Emergency Lighting --
Luminaire name : Caiman Versa
Equipment : 1 x LED 29 W / 4200 lm
Emergency : 230 lm (5.5 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

COLLINGWOOD
LIGHTING

1.1 Summary, GF Car Park

1.1.12 Result overview, Evaluation area 1

5 38E x



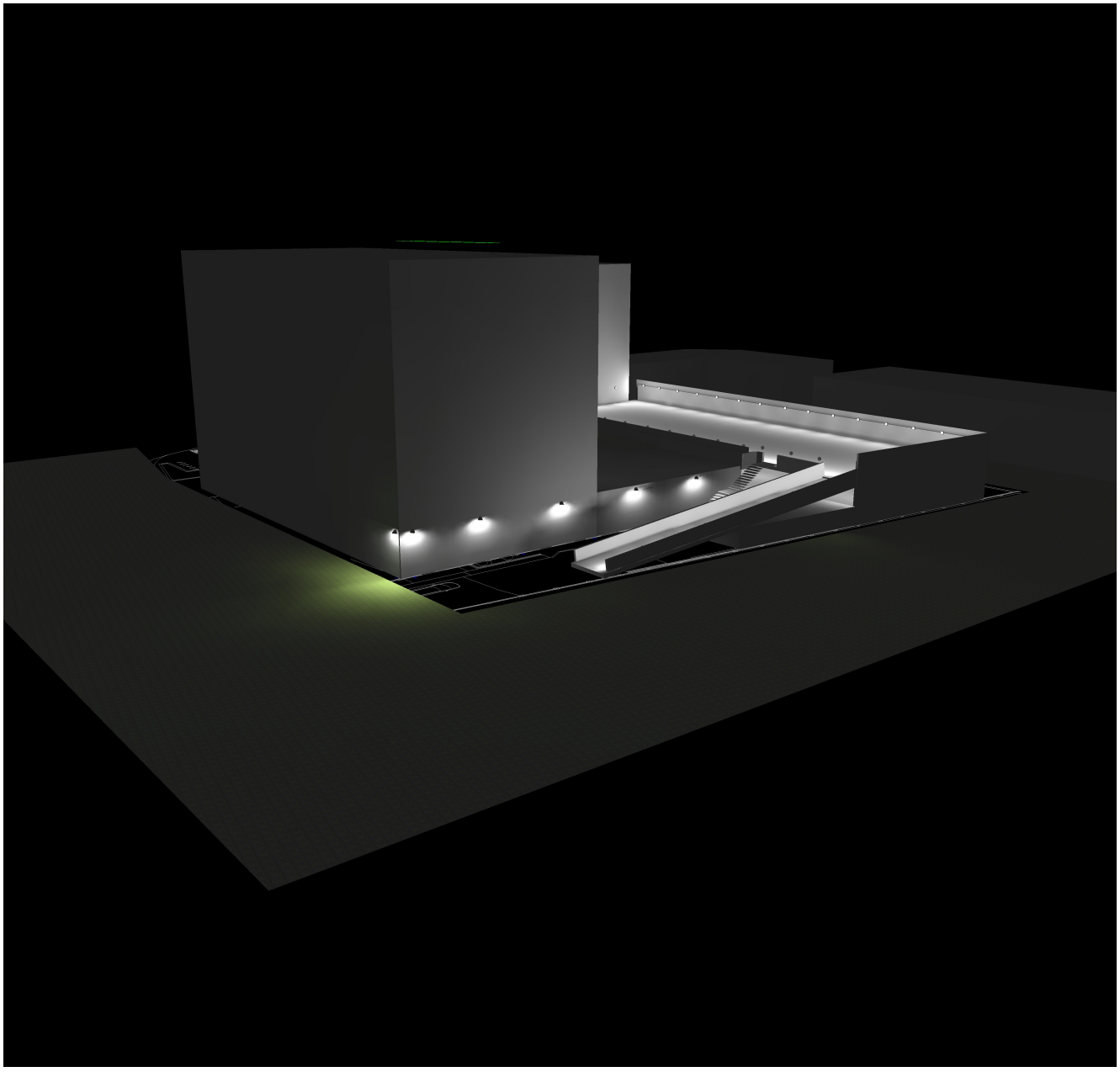
Order No. : WL95W3NEMCS/CCT - 4000K - CRI 80
Luminaire name : WL95 Versa
Equipment : 1 x LED 20 W / 3000 lm
Emergency : 130 lm (4.3 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

1 GF Car Park

1.2 Calculation results, GF Car Park

1.2.1 3D luminance, View 1

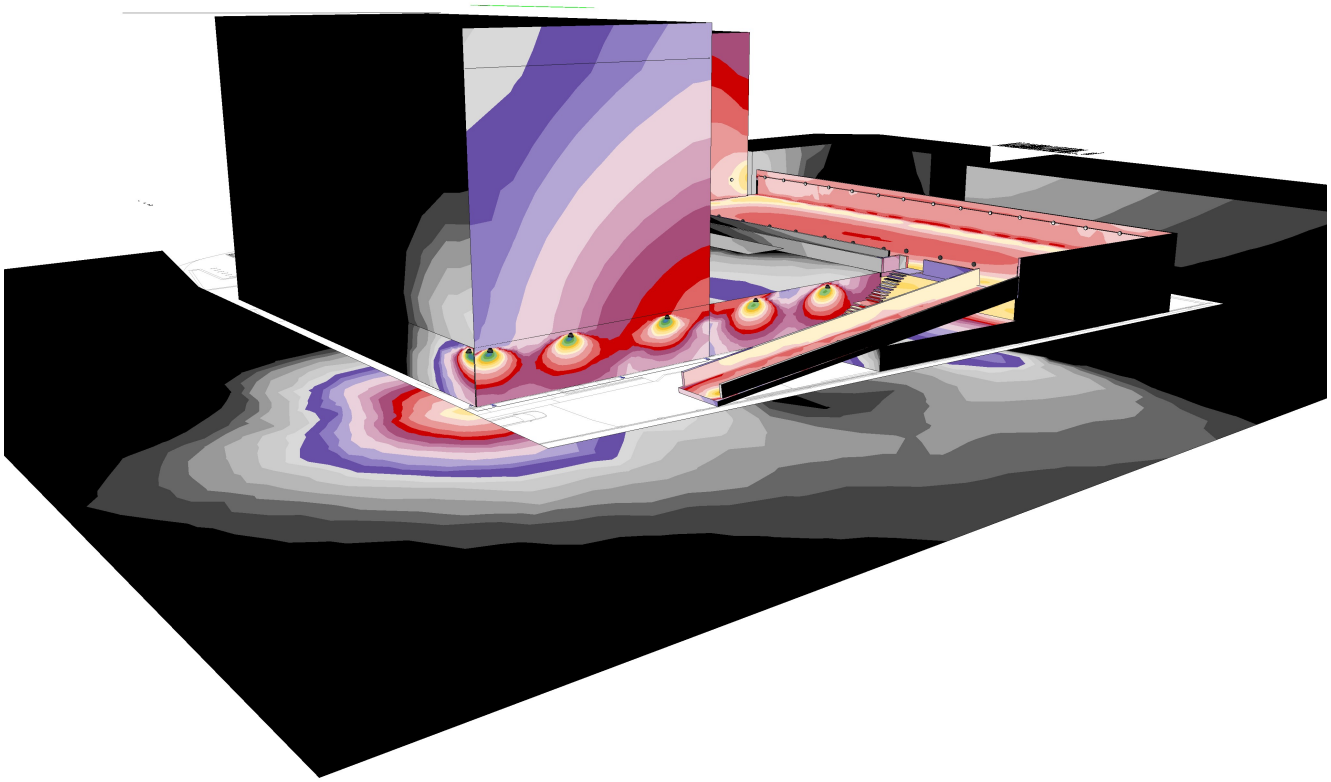


Luminance in the scene
Minimum: : 0 cd/m²
Maximum: : 187 cd/m²

COLLINGWOOD
LIGHTING

1.2 Calculation results, GF Car Park

1.2.2 3D pseudo colours, View 1 (E)





0 0.1 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 7501000

Illuminance [lx]

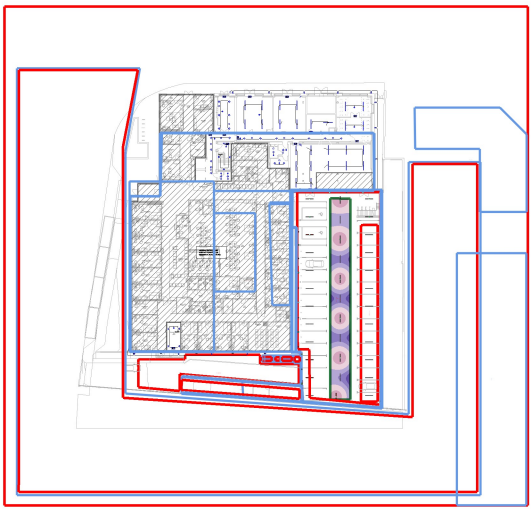
Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

1 GF Car Park

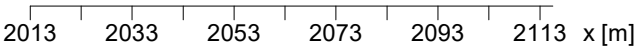
1.3 Summary, GF Car Park

1.3.1.1 Result overview (emergency lighting)











Illuminance [lx]

General

Calculation algorithm used	: Direct component
Maintenance factor	: 0.8
Height (phot.centre)	-variable-
Maximum I	: 150 cd

Anti panic area:

No.	Emin [lx]	Surface Emax [lx]	Ud
10 GF Driveway			
Calculation field: 39.4m x 3.92m (76 x 8 pts), Height = 0.00m			
1	1.18 lx	7.13 lx	1: 6.06
	>= 0.5 lx		>= 1 : 40



Type No.\Make

ANSELL

2 3E x
Order No. : AWOLF/BLK/M3 (CW 21W) -- Emergency Lighting --
Luminaire name : BULKHEADS - Wolf Black 4000K
Equipment : 1 x LED single 840 22.33 W / 2735 lm
Emergency : 398 lm (14.6 %)

Collingwood Lighting

4 13E x
Order No. : AC5NES/CCT - 4000K - CRI 80 -- Emergency Lighting --
Luminaire name : Caiman Versa
Equipment : 1 x LED 29 W / 4200 lm
Emergency : 230 lm (5.5 %)

Object :
Installation : Didsbury Point - Car Park
Project number :
Date : 10.02.2026

1 GF Car Park

1.3 Summary, GF Car Park

1.3.1.1 Result overview (emergency lighting)

5	19E x	Order No.	: WL95W3NEMCS/CCT - 4000K - CRI 80	-- Emergency Lighting --
		Luminaire name	: WL95 Versa	
		Equipment	: 1 x LED 20 W / 3000 lm	
		Emergency	: 130 lm (4.3 %)	
6	5E x	Order No.	: WL95W3NEMCS/CCT - 4000K - CRI 80	-- Emergency Lighting --
		Luminaire name	: WL95 Versa	
		Equipment	: 1 x LED 10 W / 1500 lm	
		Emergency	: 130 lm (8.7 %)	