



Lingard Road, Slaithwaite

Installation : Proposed Lighting

Project number : QUO-89349-L0B7C3

Customer : SB Homes, Huddersfield

Processed by : Andy Keenan

Date : 26.01.2024

Project description:

All exterior area dimensions to be checked on-site prior to ordering.

Calculation based on a Maintenance Factor 0.8.

It is the responsibility of the customer to ensure any scheme provided by Ansell meets all requirements of the end user.

Lighting designed to CIBSE guidelines where applicable and/or client requirements, all stated lux values are for overall averages across the room reference plane.

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.



1 Luminaire data

1.1 ANSELL, BULKHEADS - Nappa Black (ANAPLED/B - WW 18W)

1.1.1 Data sheet

Manufacturer: ANSELL



ANAPLED/B - WW 18W Ceiling mounted luminaire BULKHEADS - Nappa Black

ANAPLED/B

Amenity Architectural Die-Cast Wall

Nappa LED CCT

Supplied c/w Integral Driver

- Die-cast aluminium construction with tamperproof stainless steel allen key screws to retain opal polycarbonate diffuser and frame
- One product with integral switches for multi-wattage and selectable CCT options
- 18 W exceeds performance of 38 W TC-DD
- 28 W exceeds performance of 2x26W PL-C
- LED lifespan L70 60,000 hours
- Non-dimmable
- Suitable for external use only
- 5 Year Product Warranty
- IP65

Luminaire data

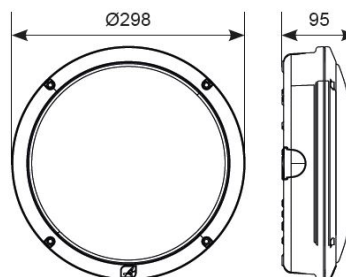
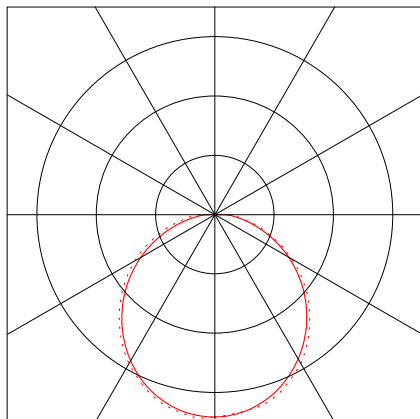
Absolute Photometry

Luminaire efficacy	: 127.87 lm/W
Classification	: A40 ↓100.0% ↑0.0%
CIE Flux Codes	: 46 76 93 100 100
UGR 4H 8H	: 22.8 / 23.4
Control gear	: Electronic ballast
Power	: 18.3 W
Luminous flux	: 2340 lm

Equipped with

Quantity	: 1
Designation	: LED
Colour	: --
Socket	: --

Dimensions : Ø325 mm x 125 mm





1 Luminaire data

1.2 ANSELL, BOLLARDS - Avio 3000K (AAVIO/900/BL/WW)

1.2.1 Data sheet

Manufacturer: ANSELL



AAVIO/900/BL/WW Freestanding uplighter BOLLARDS - Avio 3000K

AAVIO/900/BL/WW

AMENITY

Avio LED Bollard

LED

- Robust die-cast aluminium bollard with a choice of textured finishes suitable for commercial applications
- Half-shield lens option to offer single direction output
- Supplied c/w root mounting kit
- Non-dimmable
- Suitable for external use only
- 5 Year Product Warranty
- IP65

Luminaire data

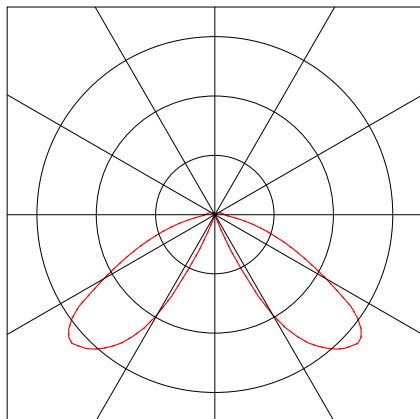
Absolute Photometry

Luminaire efficacy	: 35.82 lm/W
Classification	: A31 ↓95.6% ↑4.4%
CIE Flux Codes	: 25 73 95 96 100
UGR 4H 8H	: 27.5 / 27.5
Control gear	: Electronic ballast
Power	: 21.58 W
Luminous flux	: 773 lm

Equipped with

Quantity	: 1
Designation	: LED single 830
Colour	: 3000K
Socket	: --
Colour reproduction	: --

Dimensions : Ø160 mm x 60 mm





1 Luminaire data

1.3 ANSELL, WALL LIGHTS - Reef Bi-dir... (AREELEDWL - WW)

1.3.1 Data sheet

Manufacturer: ANSELL



AREELEDWL - WW Ceiling mounted luminaire **WALL LIGHTS - Reef Bi-directional**

AREELEDWL

AMENITY

Reef LED CCT Bi-directional Wall Light

Supplied c/w Integral Driver

- Durable outdoor bidirectional wall light
- Polycarbonate construction ideal for coastal applications
- Unique lockable installation base plate with push fit loop-in loopout terminal for ease of installation
- PIR option available
- CCT selectable between 3000K, 4000K and 6000K
- LED lifespan L80 54,000 hours
- Non-dimmable
- Suitable for both internal and external use
- 3 Year Product Warranty
- IP65

Luminaire data

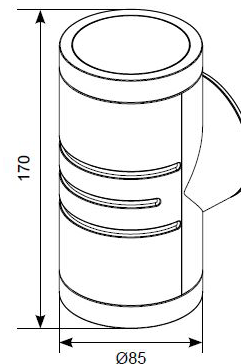
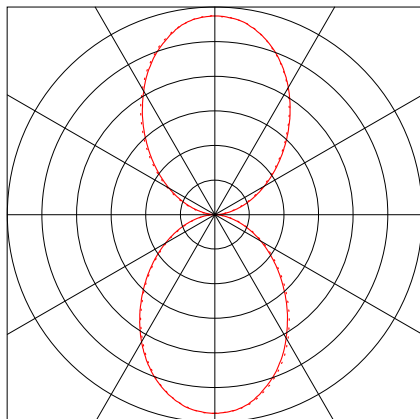
Absolute Photometry

Luminaire efficacy	: 84.11 lm/W
Classification	: C43 ↓50.0% ↑50.0%
CIE Flux Codes	: 55 83 97 50 100
UGR 4H 8H	: 14.5 / 14.9
Control gear	: Electronic ballast
Power	: 9 W
Luminous flux	: 757 lm

Equipped with

Quantity	: 1
Designation	: LED single 830
Colour	: 3000K
Socket	: --
Colour reproduction	: --

Dimensions : Ø85 mm x 170 mm



Object : Lingard Road, Slaithwaite
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Date : 26.01.2024



1 Luminaire data

1.4 ANSELL, WALL LIGHTS - Galia Ma... (AGALIA/MAXI (40...

1.4.1 Data sheet

Manufacturer: ANSELL



AGALIA/MAXI (4000K) **Ceiling mounted luminaire** **WALL LIGHTS - Galia Maxi**

AGALIA/MAXI
AMENITY
Galia LED
LED 8W

Supplied c/w Integral Driver

- Surface mounting ultra-slim low level square pathway light with downward light suitable for residential, hospitality and commercial applications
- Die-cast aluminium construction with textured graphite paint finish
- Two sizes available; Mini and Maxi
- Push-fit loop-in, loop-out terminals for ease and speed of installation
- Selectable CCT between 3000K and 4000K
- Modern concrete and rust cover options available
- Non-dimmable

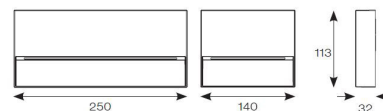
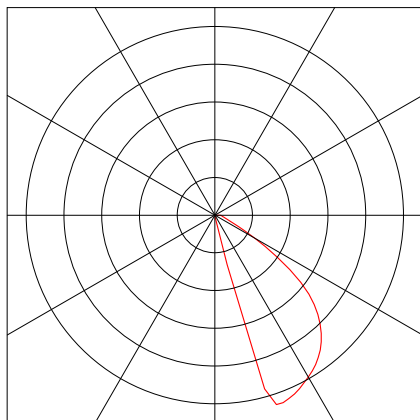
Luminaire data

Absolute Photometry
Luminaire efficacy : 27.63 lm/W
Classification : A30 ↓99.9% ↑0.1%
CIE Flux Codes : 42 82 96 100 100
UGR 4H 8H : 22.0 / 21.2
Control gear : Electronic ballast
Power : 8 W
Luminous flux : 221 lm

Equipped with

Quantity : 1
Designation : LED single 840
Colour : 4000K
Socket : --
Colour reproduction : --

Dimensions : 250 mm x 113 mm x 32 mm





2 Lingard Road Development

2.1 Description, Lingard Road Development

2.1.1 Floor plan

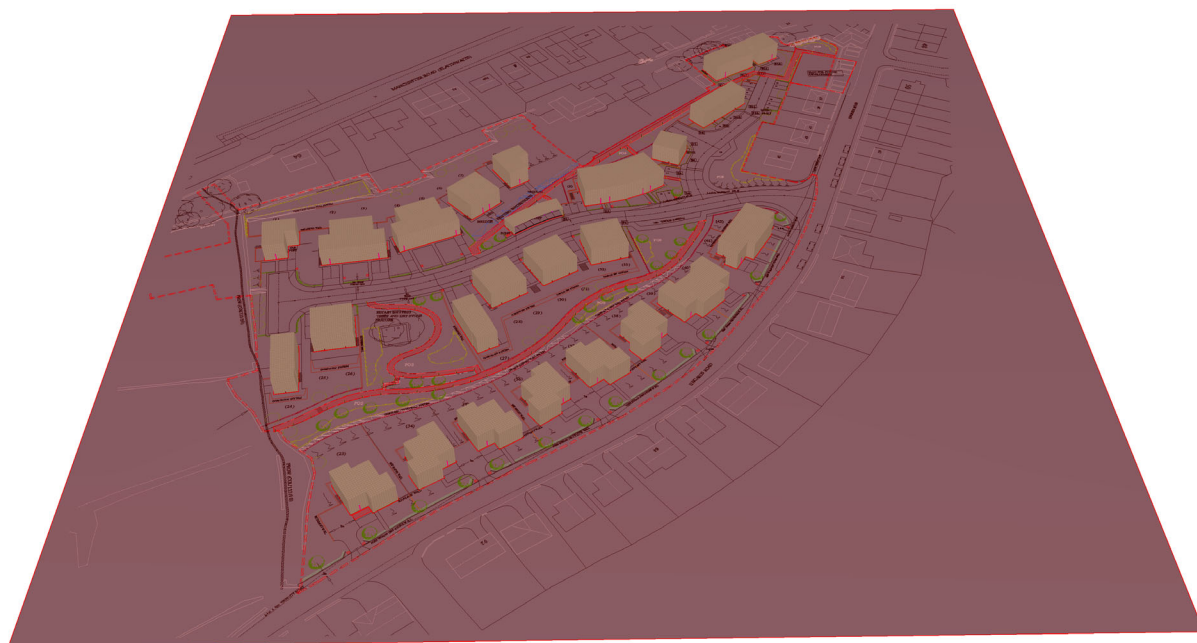


Object : Lingard Road, Slaithwaite
Installation : Proposed Lighting
Project number : QUO-89349-L0B7C3
Date : 26.01.2024



2.1 Description, Lingard Road Development

2.1.2 3D view, View 1



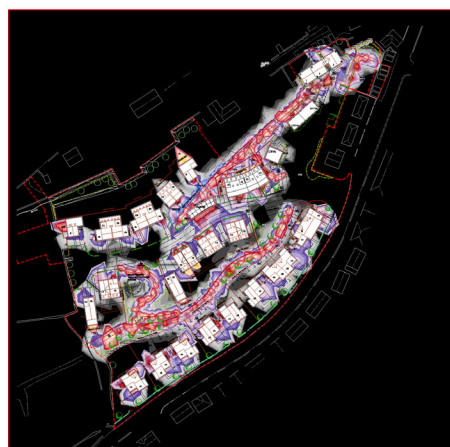
Object : Lingard Road, Slaithwaite
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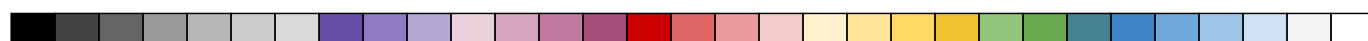
2 Lingard Road Development

2.2 Summary, Lingard Road Development

2.2.1 Result overview, Overall Area



-0 25 50 75 100 150 200 250 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 of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	131712 lm
Total power	3074.7 W
Total power per area (75359.99 m ²)	0.04 W/m ² (3.39 W/m ² /100lx)

Illuminance

Average illuminance	$\bar{E}_m$	1.2 lx
Minimum illuminance	E_{min}	0 lx
Maximum illuminance	E_{max}	74.1 lx
Uniformity U_0	$E_{min}/\bar{E}_m$	1:--- (---)
Diversity U_d	E_{min}/E_{max}	1:--- (---)

Type No. Make

ANSELL			
1	6 x	Order No.	: ANAPLED/B - WW 18W
		Luminaire name	: BULKHEADS - Nappa Black
		Equipment	: 1 x LED 18.3 W / 2340 lm
2	93 x	Order No.	: AAVIO/900/BL/WW
		Luminaire name	: BOLLARDS - Avio 3000K
		Equipment	: 1 x LED single 830 21.58 W / 773 lm

Object : Lingard Road, Slaithwaite
Installation : Proposed Lighting
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Date : 26.01.2024



2 Lingard Road Development

2.2 Summary, Lingard Road Development

2.2.1 Result overview, Overall Area

3 38 x Order No. : AREELEDWL - WW
 Luminaire name : WALL LIGHTS - Reef Bi-directional
Equipment : 1 x LED single 830 9 W / 757 lm

4 77 x Order No. : AGALIA/MAXI (4000K)
 Luminaire name : WALL LIGHTS - Galia Maxi
Equipment : 1 x LED single 840 8 W / 221 lm

Object : Lingard Road, Slaithwaite
 Installation : Proposed Lighting
 Project number : QUO-89349-L0B7C3
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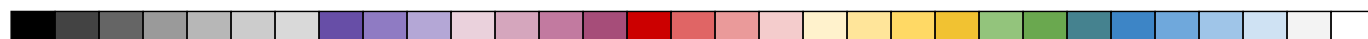


2.2 Summary, Lingard Road Development

2.2.2 Result overview, Sample: Home Security Lighting 1



-0 25 50 75 100 150 200 250 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 of evaluation surface	0.00 m
Maintenance factor	0.80

Total luminous flux	131712 lm
Total power	3074.7 W
Total power per area (75359.99 m ²)	0.04 W/m ²

Illuminance

Average illuminance	$\bar{E}_m$	20 lx
Minimum illuminance	E_{min}	0 lx
Maximum illuminance	E_{max}	432 lx
Uniformity U_0	$E_{min}/\bar{E}_m$	1:107 (0.01)
Diversity U_d	E_{min}/E_{max}	1:2300 (0)

Type No. Make

- | | | | |
|---|----------------|---------------------------------------|--|
| 1 | 6 x | ANSELL | |
|  | Order No. | : ANAPLED/B - WW 18W | |
| | Luminaire name | : BULKHEADS - Nappa Black | |
| | Equipment | : 1 x LED 18.3 W / 2340 lm | |
| 2 | 93 x | | |
|  | Order No. | : AAVIO/900/BL/WW | |
| | Luminaire name | : BOLLARDS - Avio 3000K | |
| | Equipment | : 1 x LED single 830 21.58 W / 773 lm | |

Object : Lingard Road, Slaithwaite
Installation : Proposed Lighting
Project number : QUO-89349-L0B7C3
Date : 26.01.2024



2.2 Summary, Lingard Road Development

2.2.2 Result overview, Sample: Home Security Lighting 1

3 38 x Order No. : AREELEDWL - WW
 Luminaire name : WALL LIGHTS - Reef Bi-directional
Equipment : 1 x LED single 830 9 W / 757 lm

4 77 x Order No. : AGALIA/MAXI (4000K)
 Luminaire name : WALL LIGHTS - Galia Maxi
Equipment : 1 x LED single 840 8 W / 221 lm

Object : Lingard Road, Slaithwaite
 Installation : Proposed Lighting
 Project number : QUO-89349-L0B7C3
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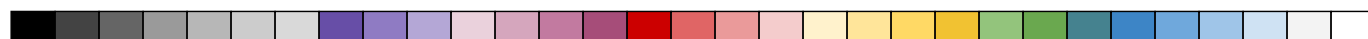


2.2 Summary, Lingard Road Development

2.2.3 Result overview, Sample: Home Security Lighting 2



-0 25 50 75 100 150 200 250 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 of evaluation surface	0.00 m
Maintenance factor	0.80

Total luminous flux	131712 lm
Total power	3074.7 W
Total power per area (75359.99 m²)	0.04 W/m²

Illuminance

Average illuminance	$\bar{E}_m$	9.9 lx
Minimum illuminance	E_{min}	2.2 lx
Maximum illuminance	E_{max}	26.2 lx
Uniformity U_0	$E_{min}/\bar{E}_m$	1:4.5 (0.22)
Diversity U_d	E_{min}/E_{max}	1:11.9 (0.08)

Type No. Make

- | | | | | |
|---|------|--|----------------|---------------------------------------|
| 1 | 6 x | | ANSELL | |
| | | | Order No. | : ANAPLED/B - WW 18W |
| | | | Luminaire name | : BULKHEADS - Nappa Black |
| | | | Equipment | : 1 x LED 18.3 W / 2340 lm |
| 2 | 93 x | | ANSELL | |
| | | | Order No. | : AAVIO/900/BL/WW |
| | | | Luminaire name | : BOLLARDS - Avio 3000K |
| | | | Equipment | : 1 x LED single 830 21.58 W / 773 lm |

Object : Lingard Road, Slaithwaite
Installation : Proposed Lighting
Project number : QUO-89349-L0B7C3
Date : 26.01.2024



2.2 Summary, Lingard Road Development

2.2.3 Result overview, Sample: Home Security Lighting 2

3 38 x Order No. : AREELEDWL - WW
 Luminaire name : WALL LIGHTS - Reef Bi-directional
Equipment : 1 x LED single 830 9 W / 757 lm

4 77 x Order No. : AGALIA/MAXI (4000K)
 Luminaire name : WALL LIGHTS - Galia Maxi
Equipment : 1 x LED single 840 8 W / 221 lm

Object : Lingard Road, Slaithwaite
 Installation : Proposed Lighting
 Project number : QUO-89349-L0B7C3
 Date : 26.01.2024

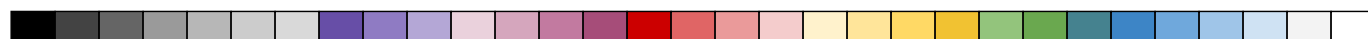


2.2 Summary, Lingard Road Development

2.2.4 Result overview, Pathway 1



-0 25 50 75 100 150 200 250 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 of evaluation surface	0.00 m
Maintenance factor	0.80

Total luminous flux	131712 lm
Total power	3074.7 W
Total power per area (75359.99 m ²)	0.04 W/m ²

Illuminance

Average illuminance	$\bar{E}_m$	29 lx
Minimum illuminance	E_{min}	2 lx
Maximum illuminance	E_{max}	153 lx
Uniformity U_0	$E_{min}/\bar{E}_m$	1:12.7 (0.08)
Diversity U_d	E_{min}/E_{max}	1:67.8 (0.01)

Type No. Make

- | | | | |
|-------|------|----------------|---------------------------------------|
| 1
 | 6 x | ANSELL | |
| | | Order No. | : ANAPLED/B - WW 18W |
| | | Luminaire name | : BULKHEADS - Nappa Black |
| | | Equipment | : 1 x LED 18.3 W / 2340 lm |
| 2
 | 93 x | Order No. | : AAVIO/900/BL/WW |
| | | Luminaire name | : BOLLARDS - Avio 3000K |
| | | Equipment | : 1 x LED single 830 21.58 W / 773 lm |

Object : Lingard Road, Slaithwaite
Installation : Proposed Lighting
Project number : QUO-89349-L0B7C3
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2.2 Summary, Lingard Road Development

2.2.4 Result overview, Pathway 1

3 38 x Order No. : AREELEDWL - WW
 Luminaire name : WALL LIGHTS - Reef Bi-directional
Equipment : 1 x LED single 830 9 W / 757 lm

4 77 x Order No. : AGALIA/MAXI (4000K)
 Luminaire name : WALL LIGHTS - Galia Maxi
Equipment : 1 x LED single 840 8 W / 221 lm

Object : Lingard Road, Slaithwaite
 Installation : Proposed Lighting
 Project number : QUO-89349-L0B7C3
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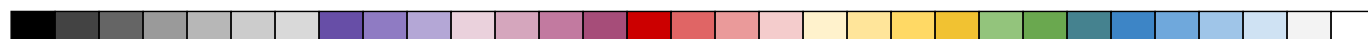


2.2 Summary, Lingard Road Development

2.2.5 Result overview, Pathway 2



-0 25 50 75 100 150 200 250 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 of evaluation surface	0.00 m
Maintenance factor	0.80

Total luminous flux	131712 lm
Total power	3074.7 W
Total power per area (75359.99 m ²)	0.04 W/m ²

Illuminance

Average illuminance	$\bar{E}_m$	26 lx
Minimum illuminance	E_{min}	0 lx
Maximum illuminance	E_{max}	105 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:54.9 (0.02)
Diversity U_d	E_{min}/E_{max}	1:222 (0)

Type No. \ Make

- | | | | | |
|---|------|---|----------------|---------------------------------------|
| 1 | 6 x | ANSELL | Order No. | : ANAPLED/B - WW 18W |
| | |  | Luminaire name | : BULKHEADS - Nappa Black |
| | | | Equipment | : 1 x LED 18.3 W / 2340 lm |
| 2 | 93 x | | Order No. | : AAVIO/900/BL/WW |
| | |  | Luminaire name | : BOLLARDS - Avio 3000K |
| | | | Equipment | : 1 x LED single 830 21.58 W / 773 lm |

Object : Lingard Road, Slaithwaite
Installation : Proposed Lighting
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Date : 26.01.2024



2.2 Summary, Lingard Road Development

2.2.5 Result overview, Pathway 2

3 38 x Order No. : AREELEDWL - WW
 Luminaire name : WALL LIGHTS - Reef Bi-directional
Equipment : 1 x LED single 830 9 W / 757 lm

4 77 x Order No. : AGALIA/MAXI (4000K)
 Luminaire name : WALL LIGHTS - Galia Maxi
Equipment : 1 x LED single 840 8 W / 221 lm

Object : Lingard Road, Slaithwaite
 Installation : Proposed Lighting
 Project number : QUO-89349-L0B7C3
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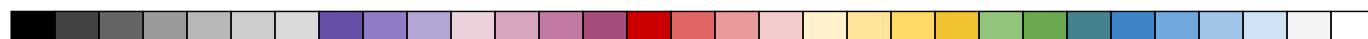


2.2 Summary, Lingard Road Development

2.2.6 Result overview, Pathway 3



-0 25 50 75 100 150 200 250 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 of evaluation surface	0.00 m
Maintenance factor	0.80

Total luminous flux	131712 lm
Total power	3074.7 W
Total power per area (75359.99 m ²)	0.04 W/m ²

Illuminance

Average illuminance	$\bar{E}_m$	28 lx
Minimum illuminance	E_{min}	1 lx
Maximum illuminance	E_{max}	105 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:25.1 (0.04)
Diversity U_d	E_{min}/E_{max}	1:93.5 (0.01)

Type No. Make

- | | | | | |
|---|------|--|----------------|---------------------------------------|
| 1 | 6 x | | ANSELL | |
| | | | Order No. | : ANAPLED/B - WW 18W |
| | | | Luminaire name | : BULKHEADS - Nappa Black |
| | | | Equipment | : 1 x LED 18.3 W / 2340 lm |
| 2 | 93 x | | Order No. | : AAVIO/900/BL/WW |
| | | | Luminaire name | : BOLLARDS - Avio 3000K |
| | | | Equipment | : 1 x LED single 830 21.58 W / 773 lm |

Object : Lingard Road, Slaithwaite
Installation : Proposed Lighting
Project number : QUO-89349-L0B7C3
Date : 26.01.2024



2.2 Summary, Lingard Road Development

2.2.6 Result overview, Pathway 3

3 38 x Order No. : AREELEDWL - WW
 Luminaire name : WALL LIGHTS - Reef Bi-directional
Equipment : 1 x LED single 830 9 W / 757 lm

4 77 x Order No. : AGALIA/MAXI (4000K)
 Luminaire name : WALL LIGHTS - Galia Maxi
Equipment : 1 x LED single 840 8 W / 221 lm

Object : Lingard Road, Slaithwaite
 Installation : Proposed Lighting
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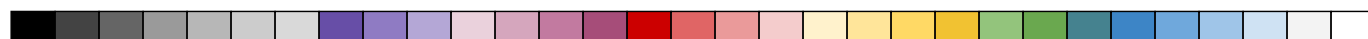


2.2 Summary, Lingard Road Development

2.2.7 Result overview, Carport



-0 25 50 75 100 150 200 250 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 of evaluation surface	0.00 m
Maintenance factor	0.80

Total luminous flux	131712 lm
Total power	3074.7 W
Total power per area (75359.99 m ²)	0.04 W/m ²

Illuminance

Average illuminance	$\bar{E}_m$	85 lx
Minimum illuminance	E_{min}	26 lx
Maximum illuminance	E_{max}	133 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:3.31 (0.3)
Diversity U_d	E_{min}/E_{max}	1:5.17 (0.19)

Type No. \ Make

- | | | | |
|---|------|----------------|---------------------------------------|
| 1  | 6 x | ANSELL | |
| | | Order No. | : ANAPLED/B - WW 18W |
| | | Luminaire name | : BULKHEADS - Nappa Black |
| | | Equipment | : 1 x LED 18.3 W / 2340 lm |
| 2  | 93 x | | |
| | | Order No. | : AAVIO/900/BL/WW |
| | | Luminaire name | : BOLLARDS - Avio 3000K |
| | | Equipment | : 1 x LED single 830 21.58 W / 773 lm |

Object : Lingard Road, Slaithwaite
Installation : Proposed Lighting
Project number : QUO-89349-L0B7C3
Date : 26.01.2024



2.2 Summary, Lingard Road Development

2.2.7 Result overview, Carport

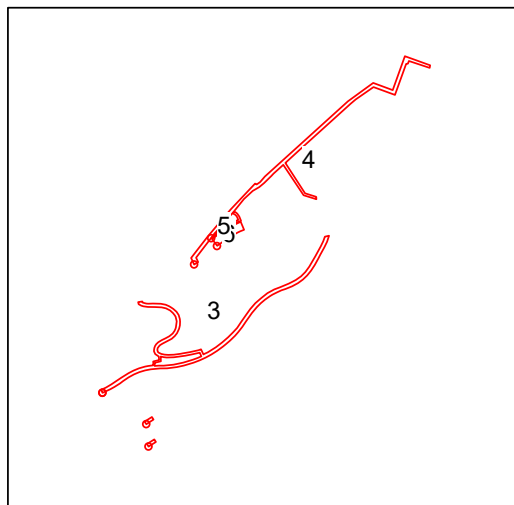
3 38 x Order No. : AREELEDWL - WW
 Luminaire name : WALL LIGHTS - Reef Bi-directional
Equipment : 1 x LED single 830 9 W / 757 lm

4 77 x Order No. : AGALIA/MAXI (4000K)
 Luminaire name : WALL LIGHTS - Galia Maxi
Equipment : 1 x LED single 840 8 W / 221 lm



2.2 Summary, Lingard Road Development

2.2.8 Result overview, Measuring Planes (2)



Horizontal illuminance

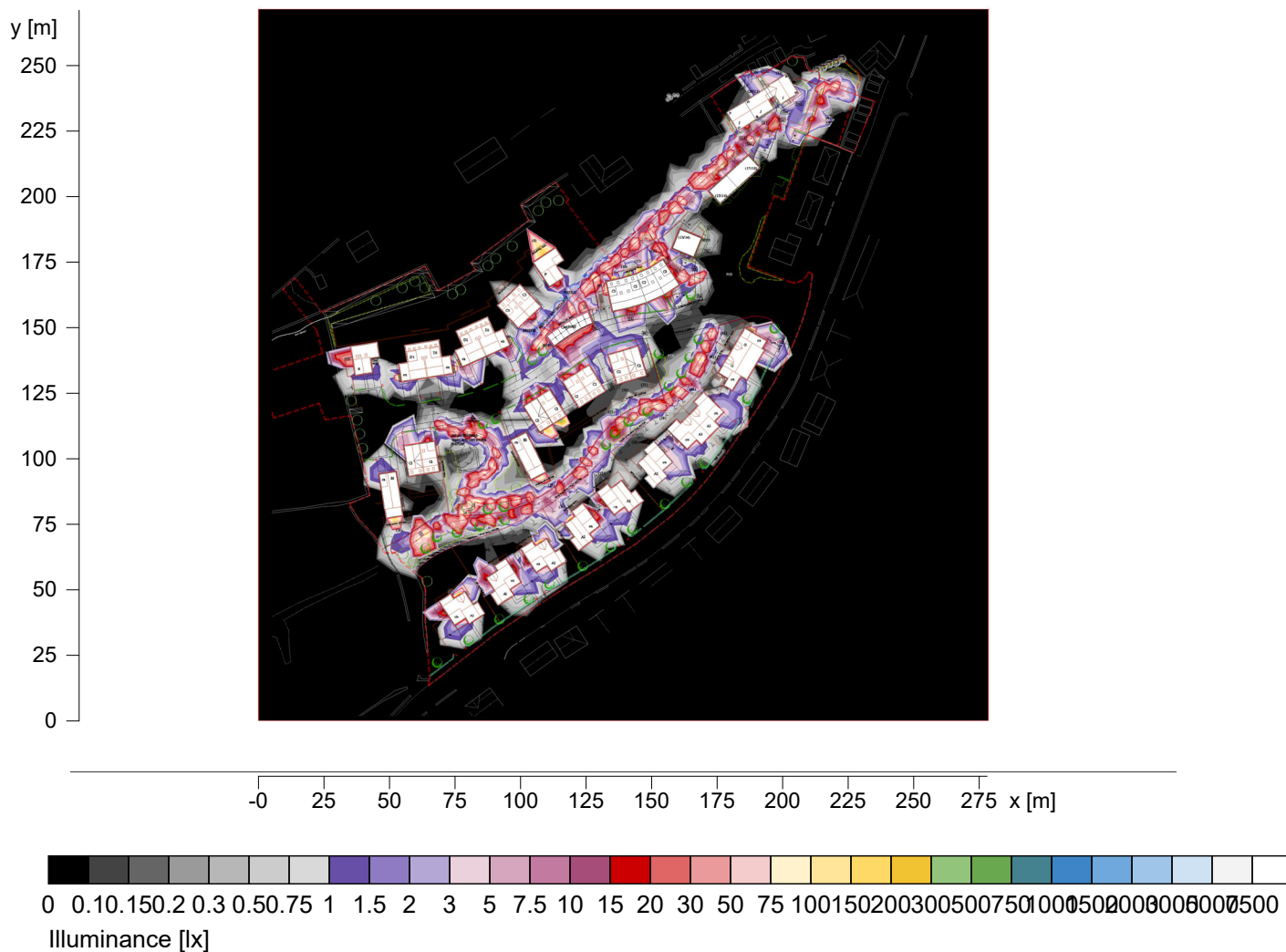
No.	Measuring surface	Grid	$\bar{E}_m$	E_{min}	E_{max}	U_o	U_d
2.1	Sample: Home Security Lighting 1	16 x 6	20 lx	0 lx	432 lx	0.01	0.00
2.2	Sample: Home Security Lighting 2	16 x 6	10 lx	2 lx	26 lx	0.22	0.08
2.3	Pathway 1	190 x 55	29 lx	2 lx	153 lx	0.08	0.01
2.4	Pathway 2	180 x 44	26 lx	0 lx	105 lx	0.02	0.00
2.5	Pathway 3	73 x 24	28 lx	1 lx	105 lx	0.04	0.01
2.6	Carport	25 x 9	85 lx	26 lx	133 lx	0.30	0.19
Summary			32 lx	0 lx	432 lx	0.01	0.00



2 Lingard Road Development

2.3 Calculation results, Lingard Road Development

2.3.1 Pseudo colours, Overall Area (E)

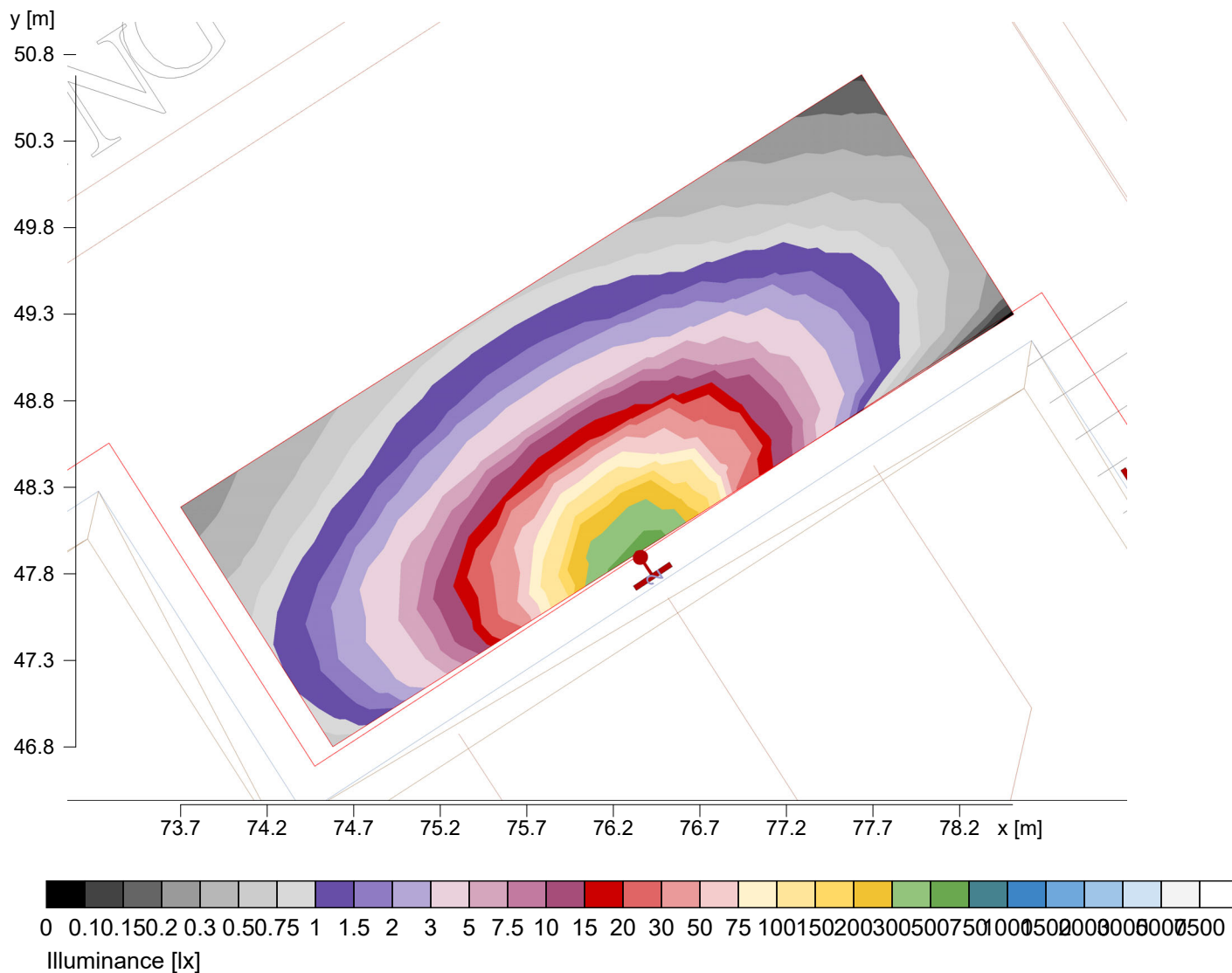


Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 1.2 lx
Minimum illuminance	E_{min}	: 0 lx
Maximum illuminance	E_{max}	: 74.1 lx
Uniformity U_0	$E_{min}/\bar{E}_m$	: ---
Diversity U_d	E_{min}/E_{max}	: ---



2.3 Calculation results, Lingard Road Development

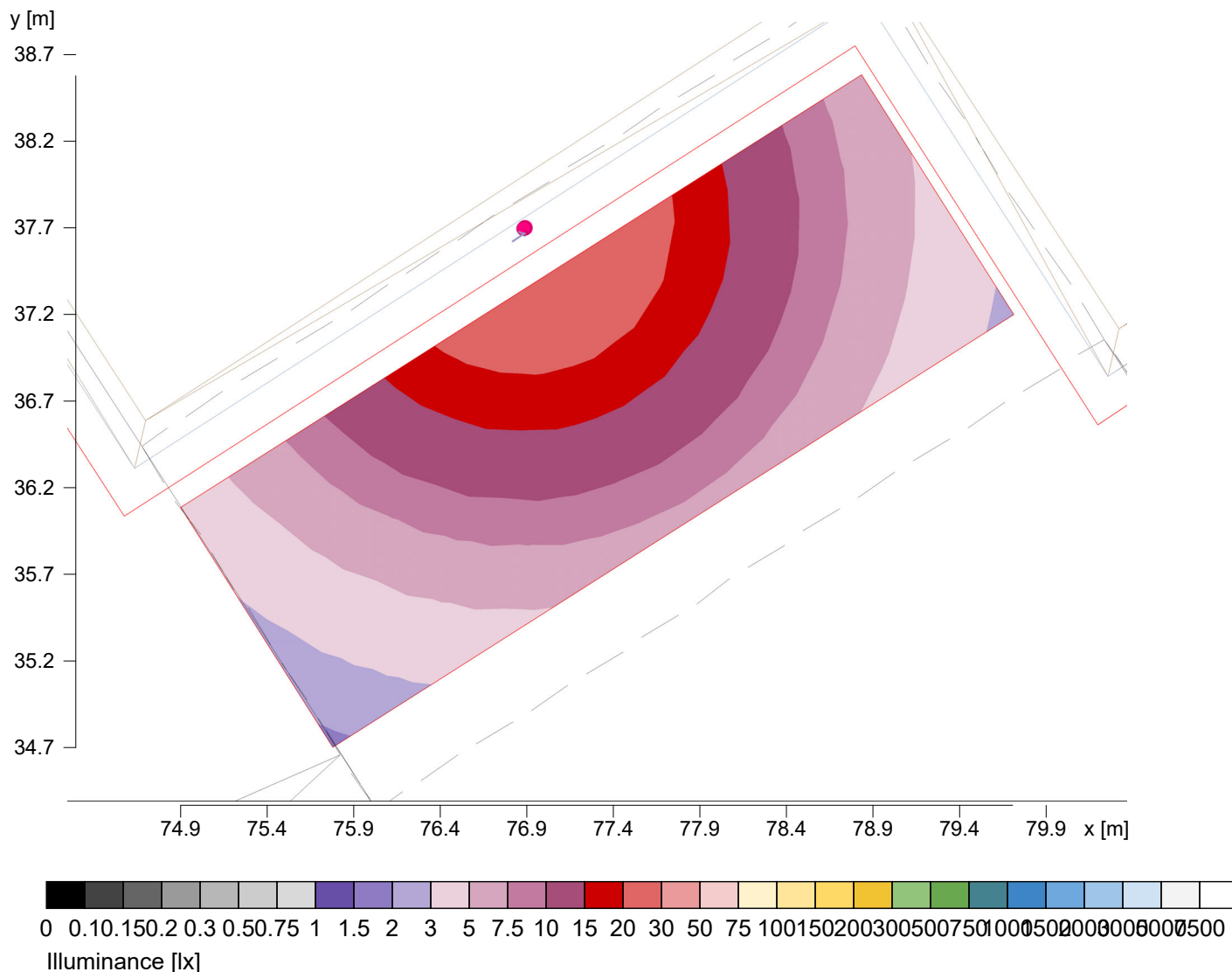
2.3.2 Pseudo colours, Sample: Home Security Lighting 1 (E)





2.3 Calculation results, Lingard Road Development

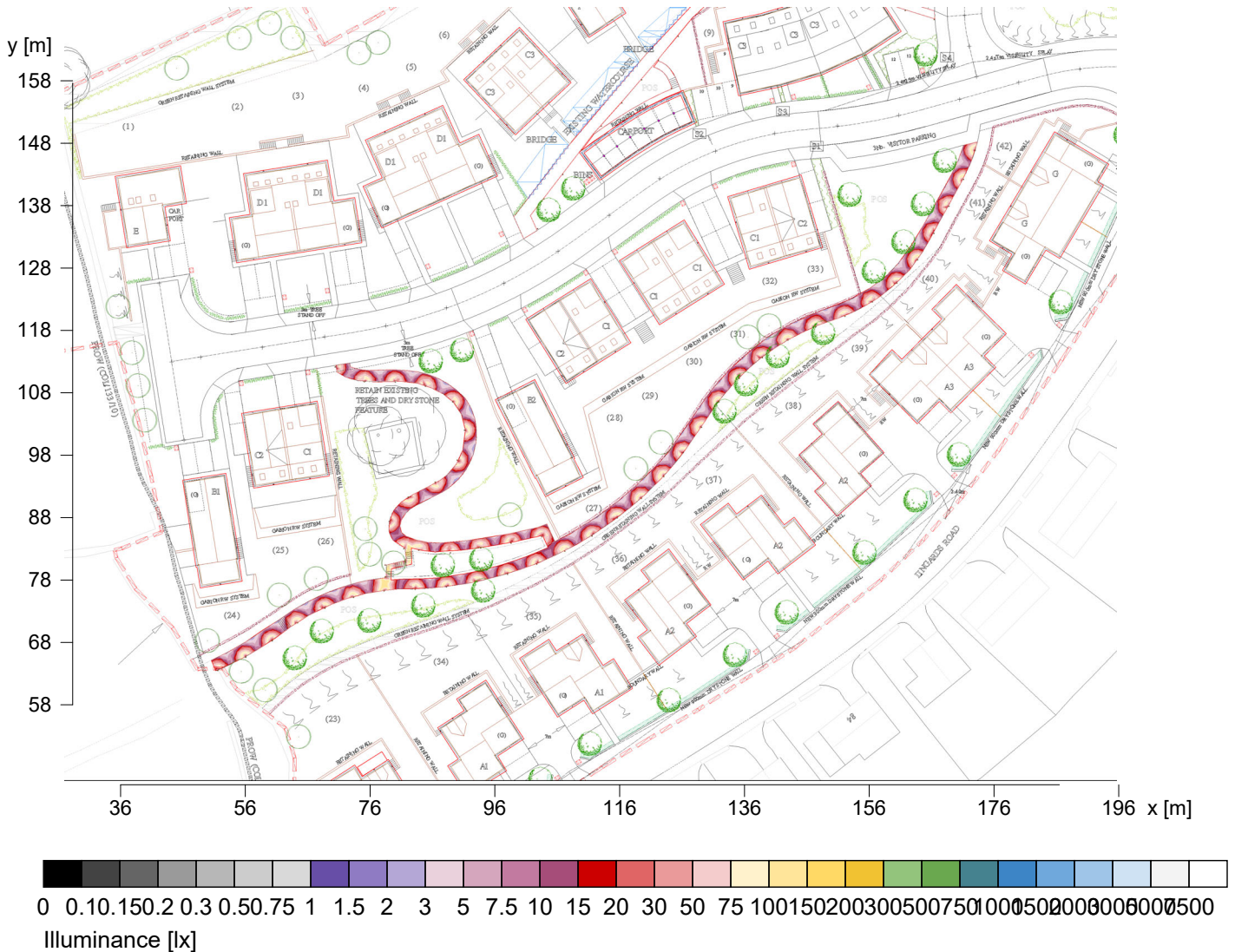
2.3.3 Pseudo colours, Sample: Home Security Lighting 2 (E)





2.3 Calculation results, Lingard Road Development

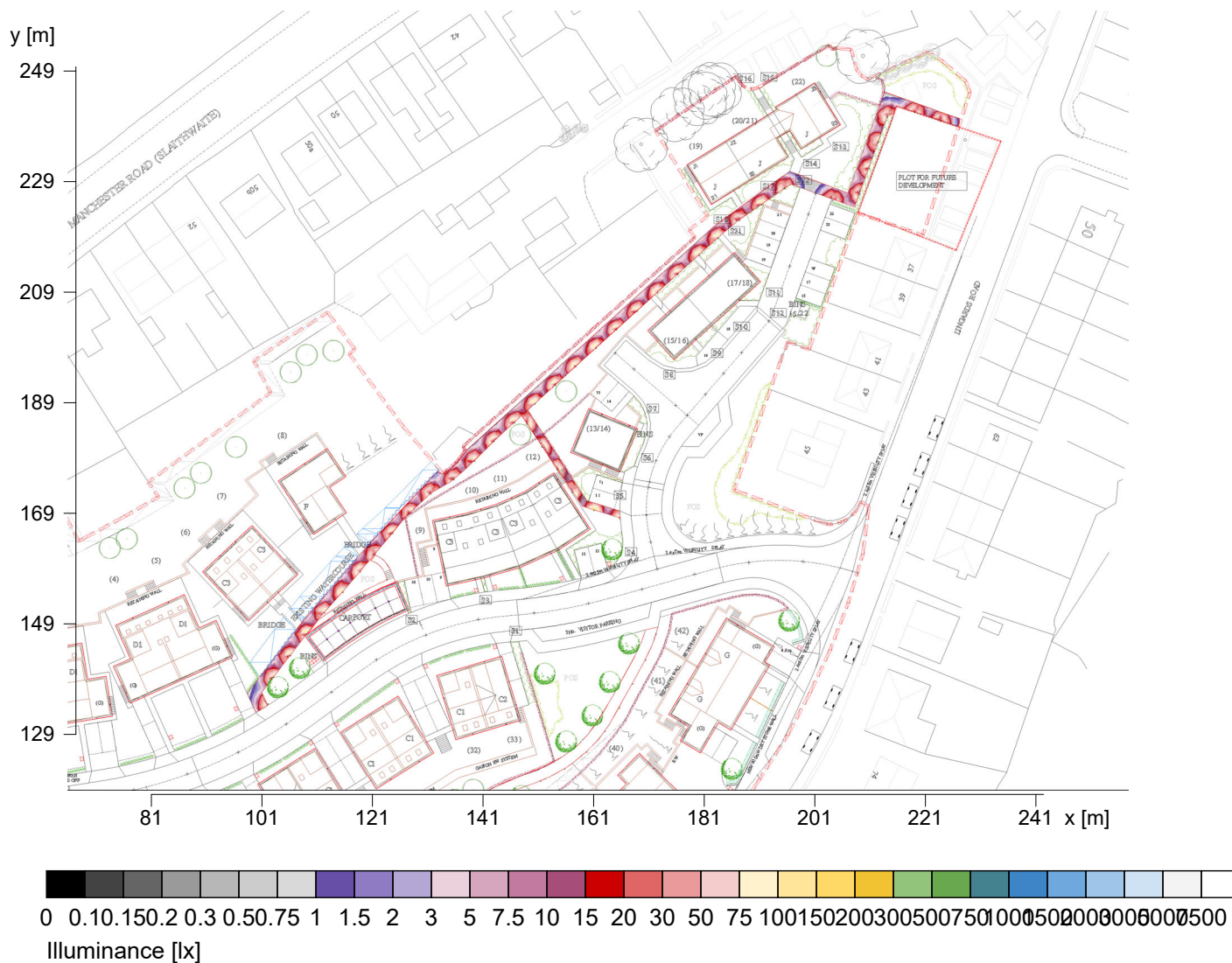
2.3.4 Pseudo colours, Pathway 1 (E)



Height reference plane
 Average illuminance
 Minimum illuminance
 Maximum illuminance
 Uniformity U_0
 Diversity U_d

: 0.00 m
 $\bar{E}_m$: 29 lx
 E_{min} : 2 lx
 E_{max} : 153 lx
 $E_{min}/\bar{E}_m$: 1 : 12.73 (0.08)
 E_{min}/E_{max} : 1 : 67.79 (0.01)

2.3.5 Pseudo colours, Pathway 2 (E)



Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 26 lx
Minimum illuminance	E_{min}	: 0 lx
Maximum illuminance	E_{max}	: 105 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 54.90 (0.02)
Diversity U_d	E_{min}/E_{max}	: 1 : 222.16 (0.00)

The logo for Ansell Lighting features a large, stylized white 'A' on a dark red background. The 'A' is composed of two main strokes, with a small loop at the bottom left. To the right of the 'A', the word 'nsell' is written in a bold, white, sans-serif font. Below 'nsell', the word 'LIGHTING' is written in a smaller, white, all-caps, sans-serif font. The entire logo is set against a dark red background that has a rounded top-left corner.

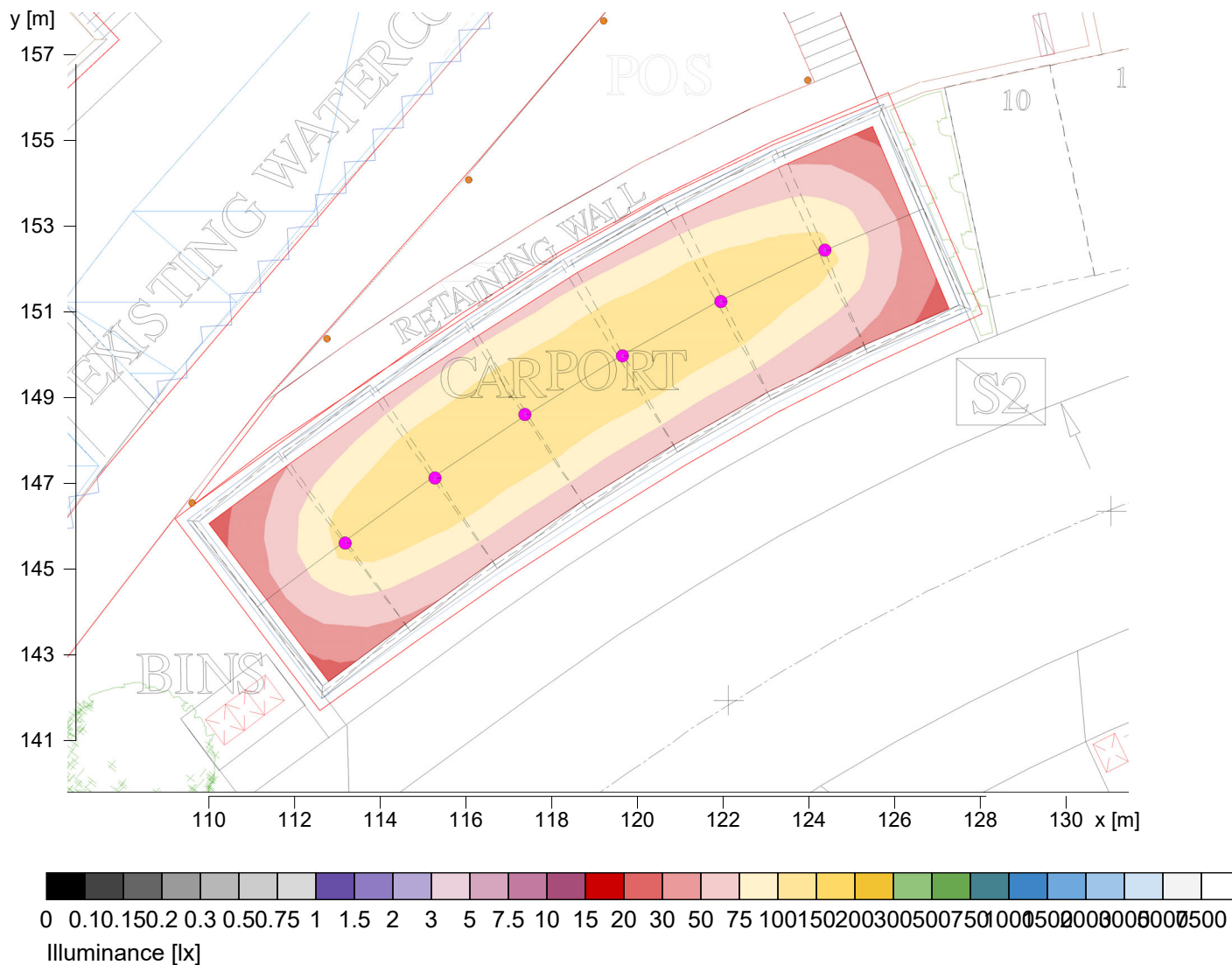
2.3.6 Pseudo colours, Pathway 3 (E)

Height reference plane		: 0.00 m
Average illuminance	$\bar{E}_m$	: 28 lx
Minimum illuminance	E_{min}	: 1 lx
Maximum illuminance	E_{max}	: 105 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	: 1 : 25.13 (0.04)
Diversity U_d	E_{min}/E_{max}	: 1 : 93.55 (0.01)



2.3 Calculation results, Lingard Road Development

2.3.7 Pseudo colours, Carport (E)



Height reference plane
 Average illuminance
 Minimum illuminance
 Maximum illuminance
 Uniformity U_0
 Diversity U_d

: 0.00 m
 $\bar{E}_m$: 85 lx
 E_{min} : 26 lx
 E_{max} : 133 lx
 $E_{min}/\bar{E}_m$: 1 : 3.31 (0.30)
 E_{min}/E_{max} : 1 : 5.17 (0.19)



2.3 Calculation results, Lingard Road Development

2.3.8 3D luminance, View 1

