

Object :
Installation :
Project number : project
Date : 20.06.2021

1 Luminaire data

1.1 WAC LIGHTING, 2in LED Inground Fixture (2091-27SS)

1.1.1 Data sheet

Manufacturer: WAC LIGHTING

2091-27SS 2in LED Inground Fixture

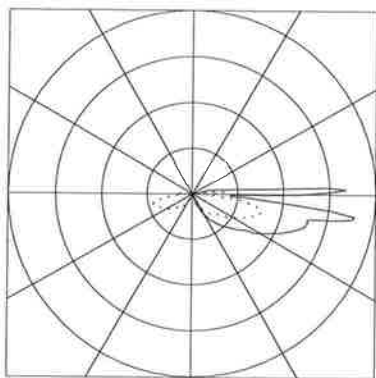
Luminaire data

Absolute Photometry
Luminaire efficacy : 66.79 lm/W
Classification : B11 ↓87.1% ↑12.9%
CIE Flux Codes : 8 31 69 87 100
UGR 4H 8H : 42.2 / 34.8
Power : 4.3 W
Luminous flux : 287.2 lm

Equipped with

Quantity : 1
Designation :
Colour :
Colour reproduction : 0

Dimensions : Ø2.4 in x 0.00 in



Object :
Installation :
Project number : project
Date : 20.06.2021

1 Luminaire data

1.2 WAC Lighting, PITA POCKET STEP LIGHT (WL-LED140-C-BK)

1.2.1 Data sheet

Manufacturer: WAC Lighting

WL-LED140-C-BK PITA POCKET STEP LIGHT

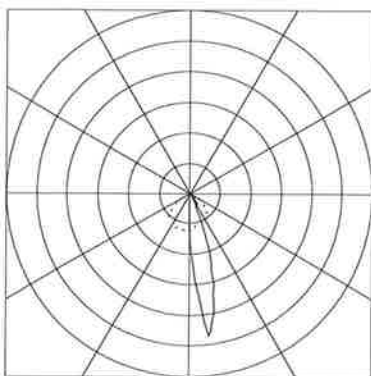
Luminaire data

Absolute Photometry
Luminaire efficacy : 21.29 lm/W
Classification : A70 ↓100.0% ↑0.0%
CIE Flux Codes : 83 99 100 100 101
UGR 4H 8H : 11.7 / 21.7
Power : 3.22 W
Luminous flux : 68.6 lm

Equipped with

Quantity : 1
Designation :
Colour :
Colour reproduction : 0

Dimensions : 1.6 in x 2.2 in x 0.00 in



Object :
Installation :
Project number : project
Date : 20.06.2021

1 Luminaire data

1.3 WAC LIGHTING, Surface-mounted Luminaires (WS-W53610)

1.3.1 Data sheet

Manufacturer: WAC LIGHTING

WS-W53610 Surface-mounted Luminaires

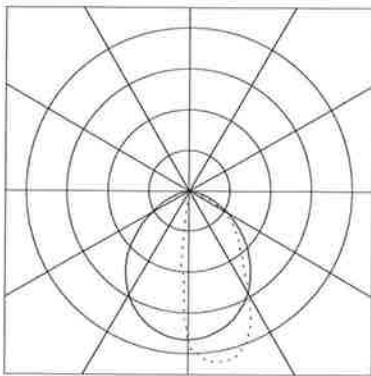
Luminaire data

Absolute Photometry
Luminaire efficacy : 37.56 lm/W
Classification : A50 ↓99.6% ↑0.4%
CIE Flux Codes : 60 89 99 100 100
UGR 4H 8H : 57.1 / 32.3
Power : 9 W
Luminous flux : 338 lm

Equipped with

Quantity : 1
Designation :
Colour :

Dimensions : Ø0.04 in x 0.04 in



Object :
Installation :
Project number : project
Date : 20.06.2021

1 Luminaire data

1.4 B-K LIGHTING, INC., MACHINED CYLINDRICAL M... (MM-LED-e72-SP-1...)

1.4.1 Data sheet

Manufacturer: B-K LIGHTING, INC.

MM-LED-e72-SP-12-C, RM-MM-LED-e72-SP-12-C,
BLACK CIRCUIT BOARD

MACHINED CYLINDRICAL METAL HOUSING, 1

Luminaire data

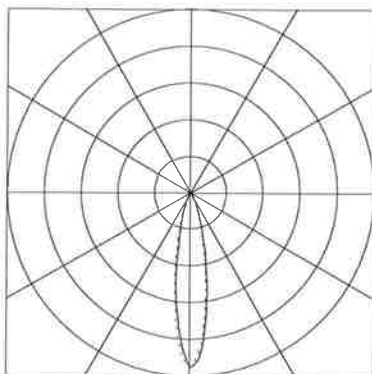
Absolute Photometry
Luminaire efficacy : 82.58 lm/W
Classification : A80 ↓100.0% ↑0.0%
CIE Flux Codes : 96 99 100 100 100
UGR 4H 8H : 15.6 / 15.6
Power : 2 W
Luminous flux : 165.2 lm

Equipped with

Quantity : 1
Designation : ONE WHITE
LIGHT
EMITTING

Colour :

Dimensions : Ø0.9 in x 0.04 in



Object :
Installation :
Project number : project
Date : 20.06.2021

1 Luminaire data

1.5 COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON), HALO 4-INCH RECESSED I

1.5.1 Data sheet

Manufacturer: COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON)

EL406930-TLS408TBZBB

HALO 4-INCH RECESSED LED DOWNLIGHT

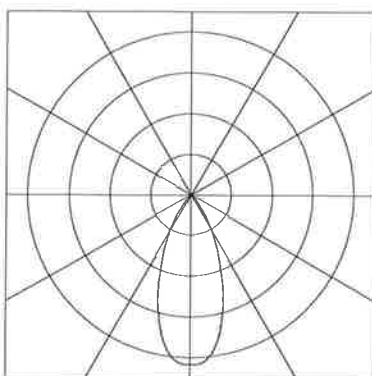
Luminaire data

Absolute Photometry :
Luminaire efficacy : 53 lm/W
Classification : A70 ↓100.0% ↑0.0%
CIE Flux Codes : 96 100 100 100 100
UGR 4H 8H : 16.2 / 16.2
Power : 13 W
Luminous flux : 689 lm

Equipped with

Quantity : 1
Designation : (1)SURFACE
MOUNT LED,
3000K CCT,
Colour :

Dimensions : 2.5 in x 2.5 in x 0.04 in



Object :
Installation :
Project number : project
Date : 20.06.2021

1 Luminaire data

1.6 WAC Lighting, LED Tape Light (T24-OD1-01-40)

1.6.1 Data sheet

Manufacturer: WAC Lighting

T24-OD1-01-40 LED Tape Light

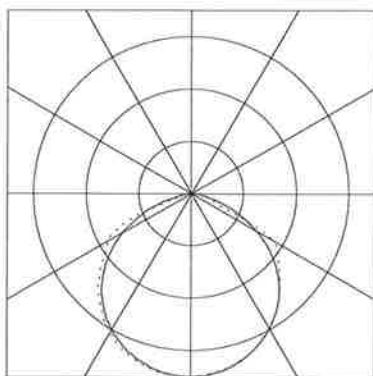
Luminaire data

Luminaire efficiency : 100%
Luminaire efficacy : 121 lm/W
Classification : A40 ↓98.8% ↑1.2%
CIE Flux Codes : 48 81 97 99 100
UGR 4H 8H : 31.6 / 31.7
Power : 1 W
Luminous flux : 121 lm

Equipped with

Quantity : 1
Designation :
Colour :
Luminous flux : 121 lm

Dimensions : 1.2 in x 0.5 in x 0.04 in

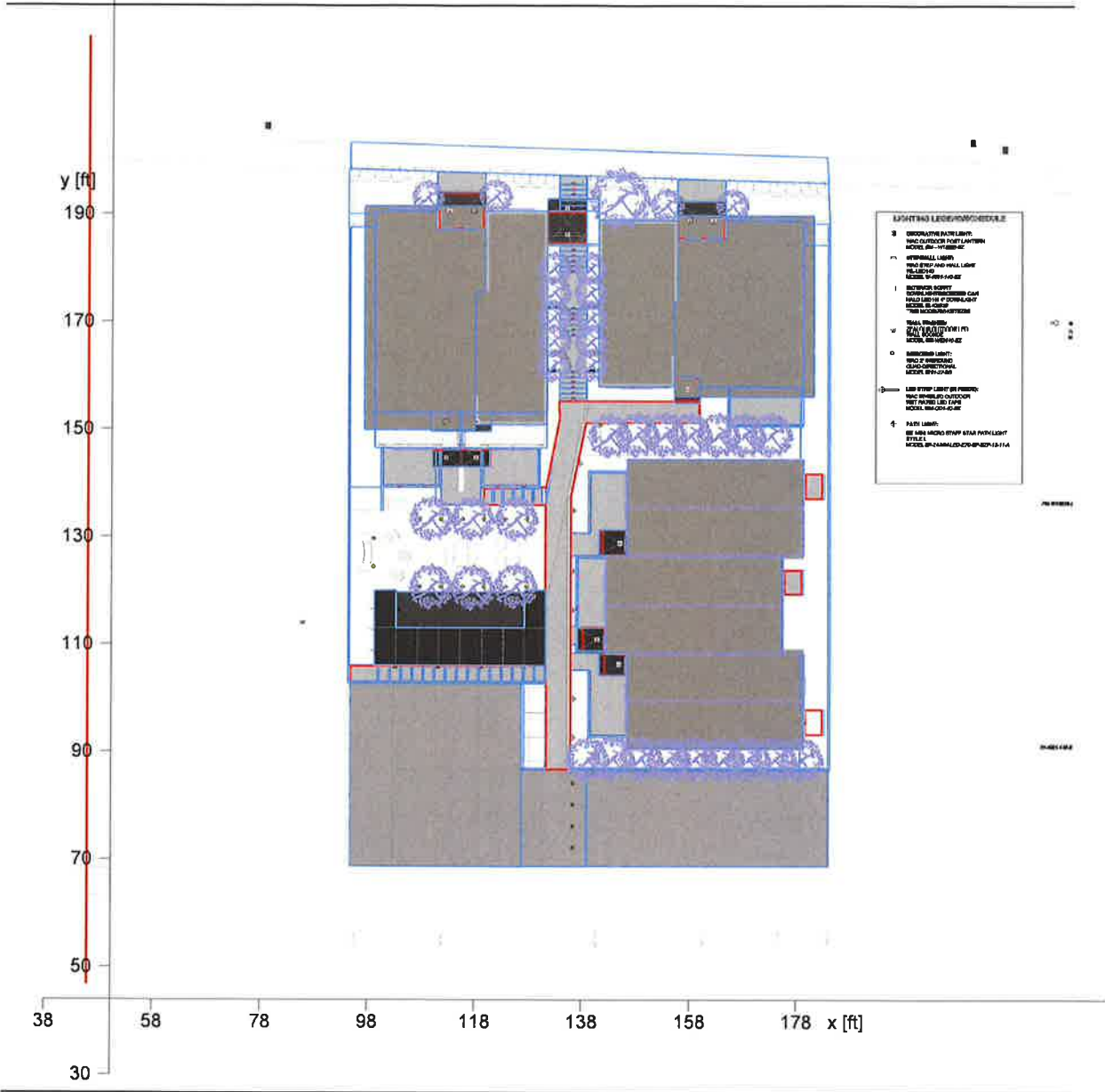


Object :
 Installation :
 Project number : project
 Date : 20.06.2021

2 Exterior 1

2.1 Description, Exterior 1

2.1.1 Floor plan

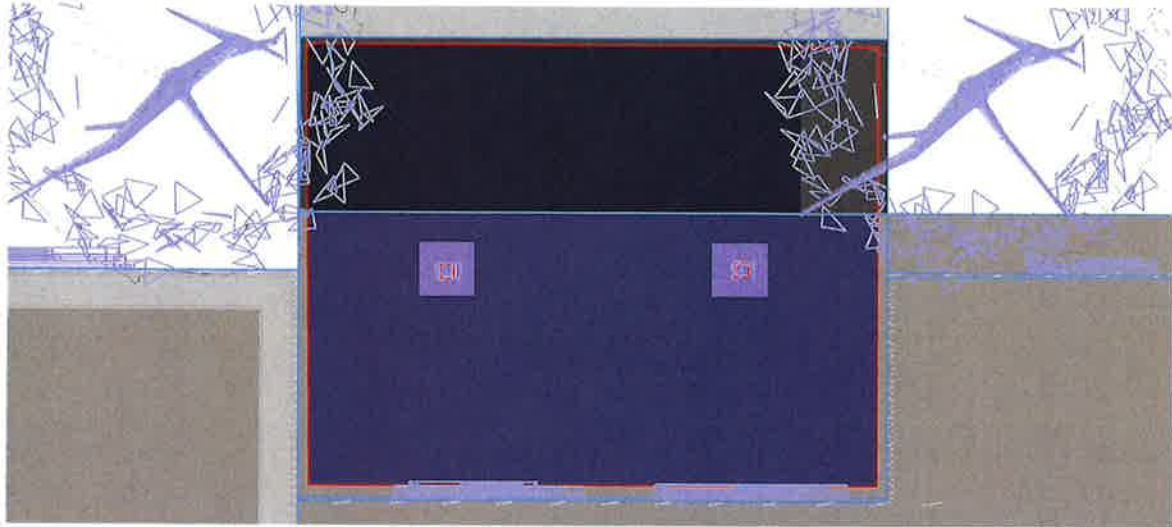


Object :
 Installation :
 Project number : project
 Date : 20.06.2021

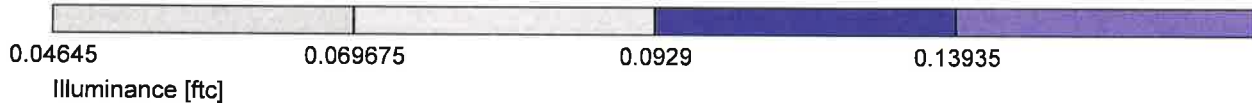
2 Exterior 1

2.2 Summary, Exterior 1

2.2.1 Result overview, Entry 1



72 73 74 75 76 77 78 79 80 81 x [ft]



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	14.00 ft
Maintenance factor	0.80



Total luminous flux of all lamps (Luminaires have been dimmed. For details see output page "Luminaire data/Room elements".)	13546.1 lm (dimmed to 55.36%)
--	-------------------------------

Total power	504 W
Total power per area (41580.00 sqft)	0.01 W/sqft

Illuminance

Average illuminance	Em	1.16 ftc
Minimum illuminance	Emin	0.51 ftc
Maximum illuminance	Emax	1.82 ftc
Uniformity Uo	Emin/Em	1:2.26 (0.44)
Diversity Ud	Emin/Emax	1:3.53 (0.28)

Type No. \Make


- WAC LIGHTING**
- | | | | |
|---|----|----------------|------------------------------|
| 1 | 22 | Order No. | : 2091-27SS |
|  | | Luminaire name | : 2in LED Inground Fixture |
| | | Equipment | : 1 x 4.3 W / 287 lm |
| 3 | 8 | Order No. | : WS-W53610 |
|  | | Luminaire name | : Surface-mounted Luminaires |
| | | Equipment | : 1 x 9 W / 338 lm |


Object :
Installation :
Project number : project
Date : 20.06.2021


2 Exterior 1

2.2 Summary, Exterior 1

2.2.1 Result overview, Entry 1

WAC Lighting
2 38  Order No. : WL-LED140-C-BK
Luminaire name : PITA POCKET STEP LIGHT
Equipment : 1 x 3.22 W / 68 lm

6 13  Order No. : T24-OD1-01-40
Luminaire name : LED Tape Light
Equipment : 1 x 1 W / 121 lm

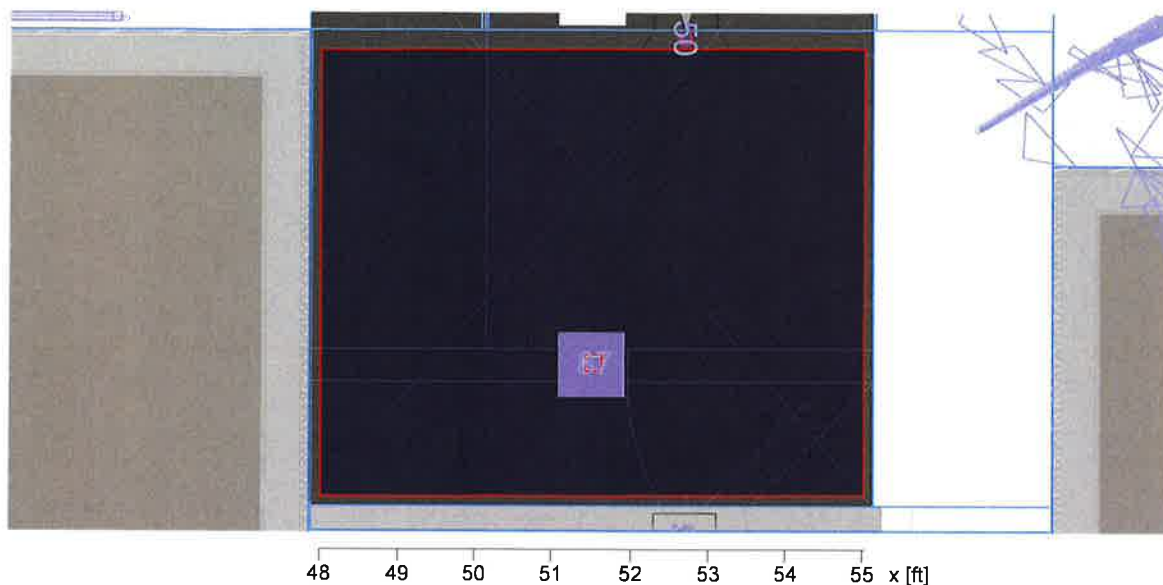
B-K LIGHTING, INC.
4 10  Order No. : MM-LED-e72-SP-12-C, RM-MM-LED-e72-SP-12-C,
Luminaire name : MACHINED CYLINDRICAL METAL HOUSING, 1 BLACK CIRCUIT BOARD
Equipment : 1 x ONE WHITE LIGHT EMITTING DIODE (LED), AI 2 W / 165 lm

COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON)
5 14  Order No. : EL406930-TLS408TBZBB
Luminaire name : HALO 4-INCH RECESSED LED DOWNLIGHT
Equipment : 1 x (1)SURFACE MOUNT LED, 3000K CCT, 90CRI 13 W / 689 lm

Object :
 Installation :
 Project number : project
 Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.2 Result overview, Entry 2



0.069675

0.0929

0.13935

Illuminance [ftc]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	9.00 ft
Maintenance factor	0.80



Total luminous flux of all lamps (Luminaires have been dimmed. For details see output page "Luminaire data/Room elements".)	13546.1 lm (dimmed to 55.36%)
--	-------------------------------

Total power	504 W
Total power per area (41580.00 sqft)	0.01 W/sqft

Illuminance

Average illuminance	Em	1.3 ftc
Minimum illuminance	Emin	0.97 ftc
Maximum illuminance	Emax	1.55 ftc
Uniformity Uo	Emin/Em	1:1.33 (0.75)
Diversity Ud	Emin/Emax	1:1.6 (0.63)

Type No. \ Make


WAC LIGHTING	
1 22	Order No. : 2091-27SS
	Luminaire name : 2in LED Inground Fixture
	Equipment : 1 x 4.3 W / 287 lm
3 8	Order No. : WS-W53610
	Luminaire name : Surface-mounted Luminaires
	Equipment : 1 x 9 W / 338 lm


Object :
Installation :
Project number : project
Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.2 Result overview, Entry 2

WAC Lighting
2 38  Order No. : WL-LED140-C-BK
Luminaire name : PITA POCKET STEP LIGHT
Equipment : 1 x 3.22 W / 68 lm

6 13  Order No. : T24-OD1-01-40
Luminaire name : LED Tape Light
Equipment : 1 x 1 W / 121 lm

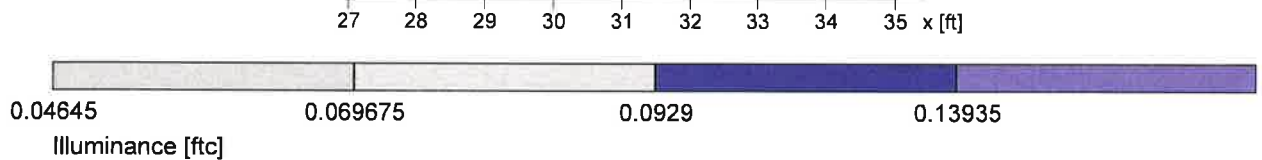
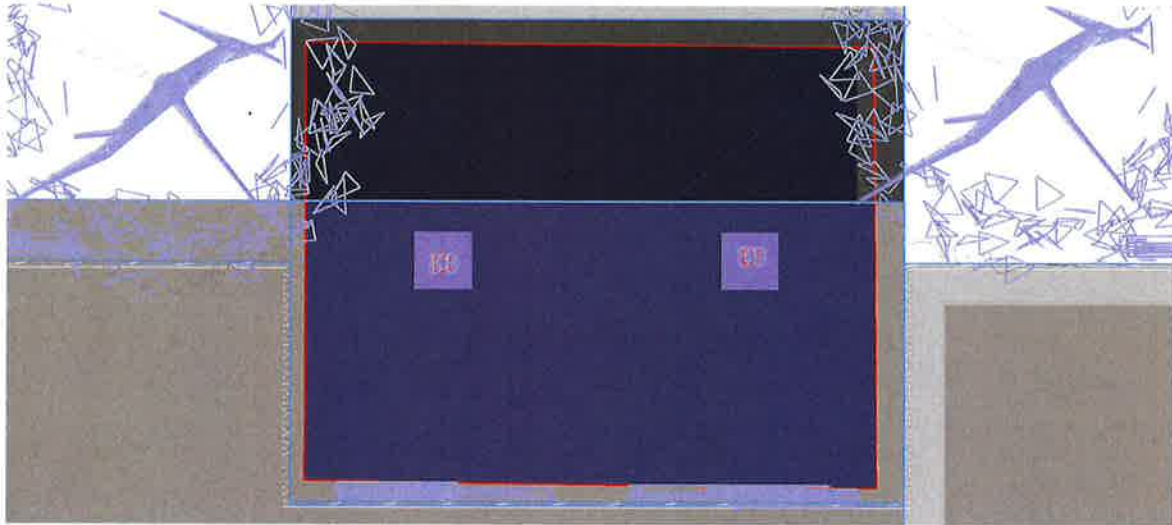
B-K LIGHTING, INC.
4 10  Order No. : MM-LED-e72-SP-12-C, RM-MM-LED-e72-SP-12-C,
Luminaire name : MACHINED CYLINDRICAL METAL HOUSING, 1 BLACK CIRCUIT BOARD
Equipment : 1 x ONE WHITE LIGHT EMITTING DIODE (LED), AI 2 W / 165 lm

COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON)
5 14  Order No. : EL406930-TLS408TBZBB
Luminaire name : HALO 4-INCH RECESSED LED DOWNLIGHT
Equipment : 1 x (1)SURFACE MOUNT LED, 3000K CCT, 90CRI 13 W / 689 lm

Object :
 Installation :
 Project number : project
 Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.3 Result overview, Entry 3



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	14.00 ft
Maintenance factor	0.80



Total luminous flux of all lamps	13546.1 lm (dimmed to 55.36%)
(Luminaires have been dimmed. For details see output page "Luminaire data/Room elements".)	

Total power	504 W
Total power per area (41580.00 sqft)	0.01 W/sqft

Illuminance

Average illuminance	Em	1.02 ftc
Minimum illuminance	Emin	0.53 ftc
Maximum illuminance	Emax	1.54 ftc
Uniformity Uo	Emin/Em	1:1.92 (0.52)
Diversity Ud	Emin/Emax	1:2.9 (0.35)


Type No. \Make


- WAC LIGHTING**
- | | | | |
|---|----|----------------|------------------------------|
| 1 | 22 | Order No. | : 2091-27SS |
|  | | Luminaire name | : 2in LED Inground Fixture |
| | | Equipment | : 1 x 4.3 W / 287 lm |
| 3 | 8 | Order No. | : WS-W53610 |
|  | | Luminaire name | : Surface-mounted Luminaires |
| | | Equipment | : 1 x 9 W / 338 lm |


Object :
Installation :
Project number : project
Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.3 Result overview, Entry 3

WAC Lighting
2 38  Order No. : WL-LED140-C-BK
Luminaire name : PITA POCKET STEP LIGHT
Equipment : 1 x 3.22 W / 68 lm

6 13  Order No. : T24-OD1-01-40
Luminaire name : LED Tape Light
Equipment : 1 x 1 W / 121 lm

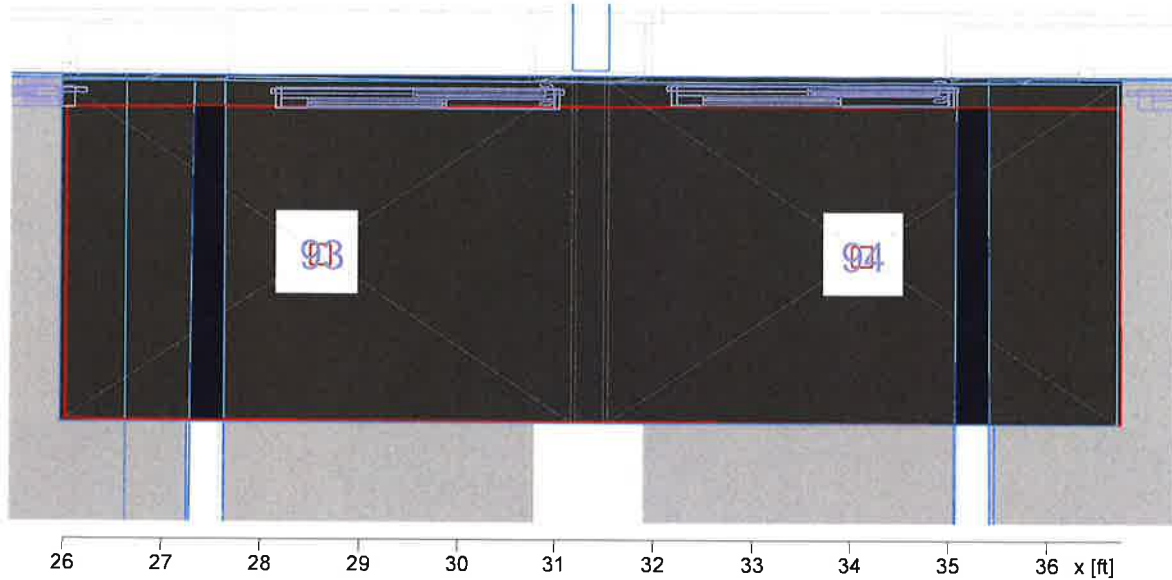
B-K LIGHTING, INC.
4 10  Order No. : MM-LED-e72-SP-12-C, RM-MM-LED-e72-SP-12-C,
Luminaire name : MACHINED CYLINDRICAL METAL HOUSING, 1 BLACK CIRCUIT BOARD
Equipment : 1 x ONE WHITE LIGHT EMITTING DIODE (LED), AI 2 W / 165 lm

COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON)
5 14  Order No. : EL406930-TLS408TBZBB
Luminaire name : HALO 4-INCH RECESSED LED DOWNLIGHT
Equipment : 1 x (1)SURFACE MOUNT LED, 3000K CCT, 90CRI 13 W / 689 lm

Object :
 Installation :
 Project number : project
 Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.4 Result overview, Entry 4



0.069675

0.0929

Illuminance [ftc]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.10 ft
Maintenance factor	0.80



Total luminous flux of all lamps (Luminaires have been dimmed. For details see output page "Luminaire data/Room elements".)	13546.1 lm (dimmed to 55.36%)
--	-------------------------------

Total power	504 W
Total power per area (41580.00 sqft)	0.01 W/sqft

Illuminance

Average illuminance	Em	1.03 ftc
Minimum illuminance	Emin	0.91 ftc
Maximum illuminance	Emax	1.11 ftc
Uniformity U _o	Emin/Em	1:1.14 (0.88)
Diversity U _d	Emin/Emax	1:1.23 (0.81)

Type No. \Make


- WAC LIGHTING**
- | | | | |
|---|----|----------------|------------------------------|
| 1 | 22 | Order No. | : 2091-27SS |
|  | | Luminaire name | : 2in LED Inground Fixture |
| | | Equipment | : 1 x 4.3 W / 287 lm |
| 3 | 8 | Order No. | : WS-W53610 |
|  | | Luminaire name | : Surface-mounted Luminaires |
| | | Equipment | : 1 x 9 W / 338 lm |


Object :
Installation :
Project number : project
Date : 20.06.2021

2.2 Summary, Exterior 1


2.2.4 Result overview, Entry 4

WAC Lighting


2 38  Order No. : WL-LED140-C-BK
Luminaire name : PITA POCKET STEP LIGHT
Equipment : 1 x 3.22 W / 68 lm

6 13  Order No. : T24-OD1-01-40
Luminaire name : LED Tape Light
Equipment : 1 x 1 W / 121 lm

B-K LIGHTING, INC.

4 10  Order No. : MM-LED-e72-SP-12-C, RM-MM-LED-e72-SP-12-C,
Luminaire name : MACHINED CYLINDRICAL METAL HOUSING, 1 BLACK CIRCUIT BOARD
Equipment : 1 x ONE WHITE LIGHT EMITTING DIODE (LED), AI 2 W / 165 lm

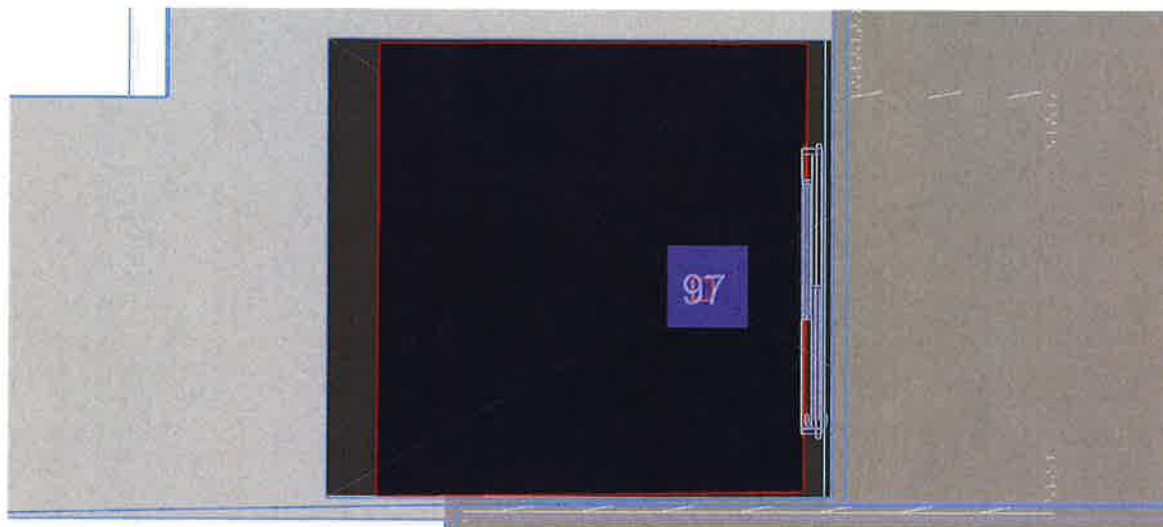
COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON)

5 14  Order No. : EL406930-TLS408TBZBB
Luminaire name : HALO 4-INCH RECESSED LED DOWNLIGHT
Equipment : 1 x (1)SURFACE MOUNT LED, 3000K CCT, 90CRI 13 W / 689 lm

Object :
 Installation :
 Project number : project
 Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.5 Result overview, Entry 5



57.7 58.7 59.7 60.7 61.7 x [ft]

0.02787 0.04645 0.069675 0.0929
 Illuminance [ftc]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.10 ft
Maintenance factor	0.80



Total luminous flux of all lamps	13546.1 lm (dimmed to 55.36%)
(Luminaires have been dimmed. For details see output page "Luminaire data/Room elements".)	

Total power	504 W
Total power per area (41580.00 sqft)	0.01 W/sqft

Illuminance

Average illuminance	Em	0.94 ftc
Minimum illuminance	Emin	0.49 ftc
Maximum illuminance	Emax	1.27 ftc
Uniformity Uo	Emin/Em	1:1.9 (0.53)
Diversity Ud	Emin/Emax	1:2.56 (0.39)

Type No. \ Make


WAC LIGHTING		
1	22	Order No. : 2091-27SS
		Luminaire name : 2in LED Inground Fixture
		Equipment : 1 x 4.3 W / 287 lm
3	8	Order No. : WS-W53610
		Luminaire name : Surface-mounted Luminaires
		Equipment : 1 x 9 W / 338 lm

Object :
Installation :
Project number : project
Date : 20.06.2021


2.2 Summary, Exterior 1

2.2.5 Result overview, Entry 5


2 38 **WAC Lighting**

 Order No. : WL-LED140-C-BK
Luminaire name : PITA POCKET STEP LIGHT
Equipment : 1 x 3.22 W / 68 lm


6 13

 Order No. : T24-OD1-01-40
Luminaire name : LED Tape Light
Equipment : 1 x 1 W / 121 lm

B-K LIGHTING, INC.

4 10
 Order No. : MM-LED-e72-SP-12-C, RM-MM-LED-e72-SP-12-C,
Luminaire name : MACHINED CYLINDRICAL METAL HOUSING, 1 BLACK CIRCUIT BOARD
Equipment : 1 x ONE WHITE LIGHT EMITTING DIODE (LED), AI 2 W / 165 lm

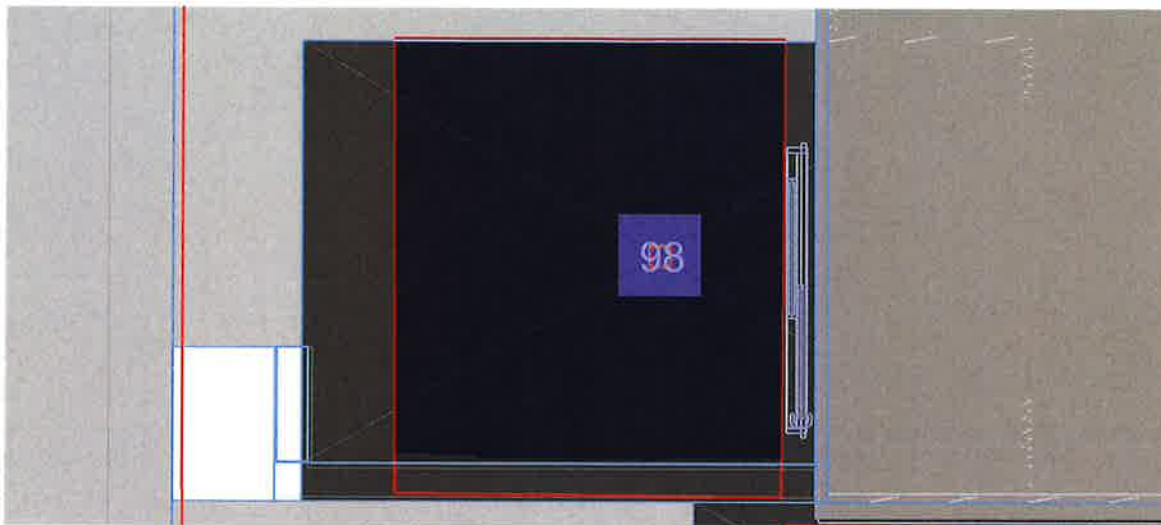
COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON)

5 14
 Order No. : EL406930-TLS408TBZBB
Luminaire name : HALO 4-INCH RECESSED LED DOWNLIGHT
Equipment : 1 x (1)SURFACE MOUNT LED, 3000K CCT, 90CRI 13 W / 689 lm

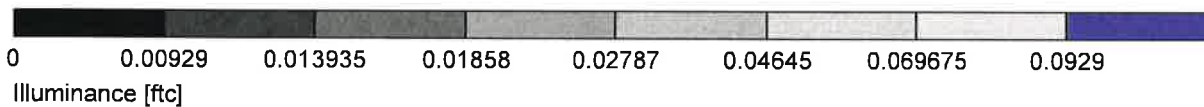
Object :
 Installation :
 Project number : project
 Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.6 Result overview, Entry 6



54.2 55.2 56.2 57.2 58.2 x [ft]



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.10 ft
Maintenance factor	0.80



Total luminous flux of all lamps	13546.1 lm (dimmed to 55.36%)
(Luminaires have been dimmed. For details see output page "Luminaire data/Room elements".)	

Total power	504 W
Total power per area (41580.00 sqft)	0.01 W/sqft

Illuminance

Average illuminance	Em	0.98 ftc
Minimum illuminance	Emin	0.04 ftc
Maximum illuminance	Emax	1.42 ftc
Uniformity Uo	Emin/Em	1:22.1 (0.05)
Diversity Ud	Emin/Emax	1:32 (0.03)

Type No.\Make


WAC LIGHTING		
1	22	Order No. : 2091-27SS
		Luminaire name : 2in LED Inground Fixture
		Equipment : 1 x 4.3 W / 287 lm
3	8	Order No. : WS-W53610
		Luminaire name : Surface-mounted Luminaires
		Equipment : 1 x 9 W / 338 lm

Object :
Installation :
Project number : project
Date : 20.06.2021


2.2 Summary, Exterior 1

2.2.6 Result overview, Entry 6

2 38 **WAC Lighting**


 Order No. : WL-LED140-C-BK
Luminaire name : PITA POCKET STEP LIGHT
Equipment : 1 x 3.22 W / 68 lm

6 13

 Order No. : T24-OD1-01-40
Luminaire name : LED Tape Light
Equipment : 1 x 1 W / 121 lm

B-K LIGHTING, INC.

4 10

 Order No. : MM-LED-e72-SP-12-C, RM-MM-LED-e72-SP-12-C,
Luminaire name : MACHINED CYLINDRICAL METAL HOUSING, 1 BLACK CIRCUIT BOARD
Equipment : 1 x ONE WHITE LIGHT EMITTING DIODE (LED), AI 2 W / 165 lm

COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON)

5 14

 Order No. : EL406930-TLS408TBZBB
Luminaire name : HALO 4-INCH RECESSED LED DOWNLIGHT
Equipment : 1 x (1)SURFACE MOUNT LED, 3000K CCT, 90CRI 13 W / 689 lm

Object :
 Installation :
 Project number : project
 Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.7 Result overview, Entry 7



58.1 58.6 59.1 59.6 60.1 60.6 61.1 61.6 62.1 x [ft]

0.04645

0.069675

0.0929

Illuminance [ftc]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.10 ft
Maintenance factor	0.80

Total luminous flux of all lamps	13546.1 lm (dimmed to 55.36%)
(Luminaires have been dimmed. For details see output page "Luminaire data/Room elements".)	

Total power	504 W
Total power per area (41580.00 sqft)	0.01 W/sqft

Illuminance

Average illuminance	Em	0.99 ftc
Minimum illuminance	Emin	0.67 ftc
Maximum illuminance	Emax	1.15 ftc
Uniformity Uo	Emin/Em	1:1.48 (0.68)
Diversity Ud	Emin/Emax	1:1.72 (0.58)


Type No. \ Make


		WAC LIGHTING	
1	22	Order No.	: 2091-27SS
		Luminaire name	: 2in LED Inground Fixture
		Equipment	: 1 x 4.3 W / 287 lm
3	8	Order No.	: WS-W53610
		Luminaire name	: Surface-mounted Luminaires
		Equipment	: 1 x 9 W / 338 lm


Object :
Installation :
Project number : project
Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.7 Result overview, Entry 7

WAC Lighting
2 38  Order No. : WL-LED140-C-BK
Luminaire name : PITA POCKET STEP LIGHT
Equipment : 1 x 3.22 W / 68 lm

6 13  Order No. : T24-OD1-01-40
Luminaire name : LED Tape Light
Equipment : 1 x 1 W / 121 lm

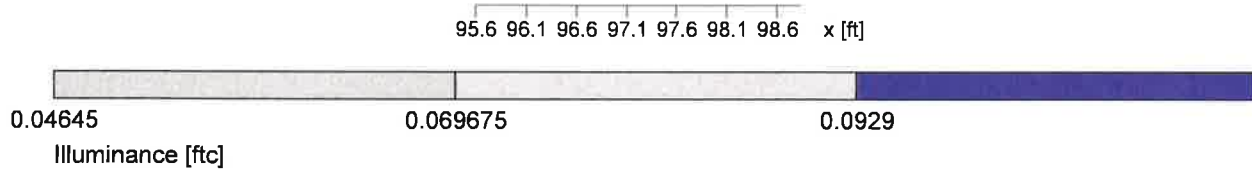
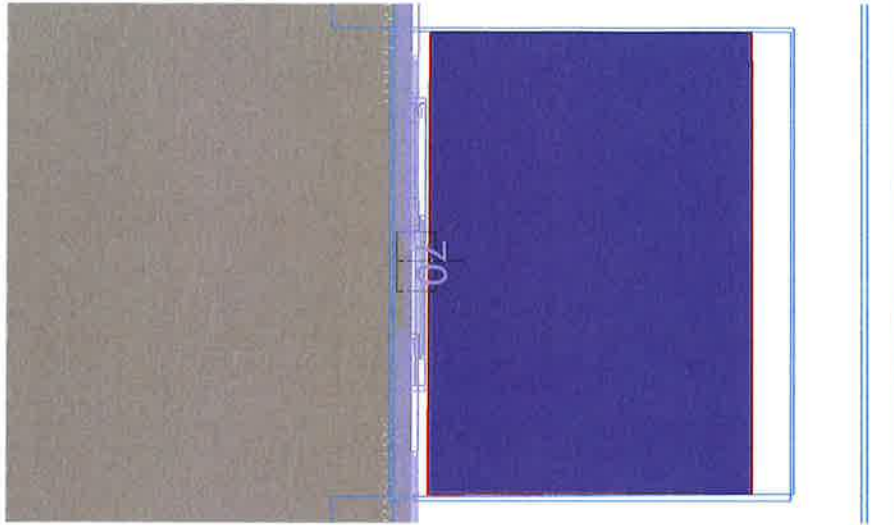
B-K LIGHTING, INC.
4 10  Order No. : MM-LED-e72-SP-12-C, RM-MM-LED-e72-SP-12-C,
Luminaire name : MACHINED CYLINDRICAL METAL HOUSING, 1 BLACK CIRCUIT BOARD
Equipment : 1 x ONE WHITE LIGHT EMITTING DIODE (LED), AI 2 W / 165 lm

COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON)
5 14  Order No. : EL406930-TLS408TBZBB
Luminaire name : HALO 4-INCH RECESSED LED DOWNLIGHT
Equipment : 1 x (1)SURFACE MOUNT LED, 3000K CCT, 90CRI 13 W / 689 lm

Object :
 Installation :
 Project number : project
 Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.8 Result overview, Entry 8



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.10 ft
Maintenance factor	0.80



Total luminous flux of all lamps (Luminaires have been dimmed. For details see output page "Luminaire data/Room elements".)	13546.1 lm (dimmed to 55.36%)
--	-------------------------------

Total power	504 W
Total power per area (41580.00 sqft)	0.01 W/sqft

Illuminance

Average illuminance	Em	0.87 ftc
Minimum illuminance	Emin	0.67 ftc
Maximum illuminance	Emax	1.03 ftc
Uniformity Uo	Emin/Em	1:1.29 (0.78)
Diversity Ud	Emin/Emax	1:1.52 (0.66)


Type No.\Make


- WAC LIGHTING**
- | | | | |
|---|----|----------------|------------------------------|
| 1 | 22 | Order No. | : 2091-27SS |
|  | | Luminaire name | : 2in LED Inground Fixture |
| | | Equipment | : 1 x 4.3 W / 287 lm |
| 3 | 8 | Order No. | : WS-W53610 |
|  | | Luminaire name | : Surface-mounted Luminaires |
| | | Equipment | : 1 x 9 W / 338 lm |


Object :
Installation :
Project number : project
Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.8 Result overview, Entry 8

WAC Lighting
2 38  Order No. : WL-LED140-C-BK
Luminaire name : PITA POCKET STEP LIGHT
Equipment : 1 x 3.22 W / 68 lm

6 13  Order No. : T24-OD1-01-40
Luminaire name : LED Tape Light
Equipment : 1 x 1 W / 121 lm

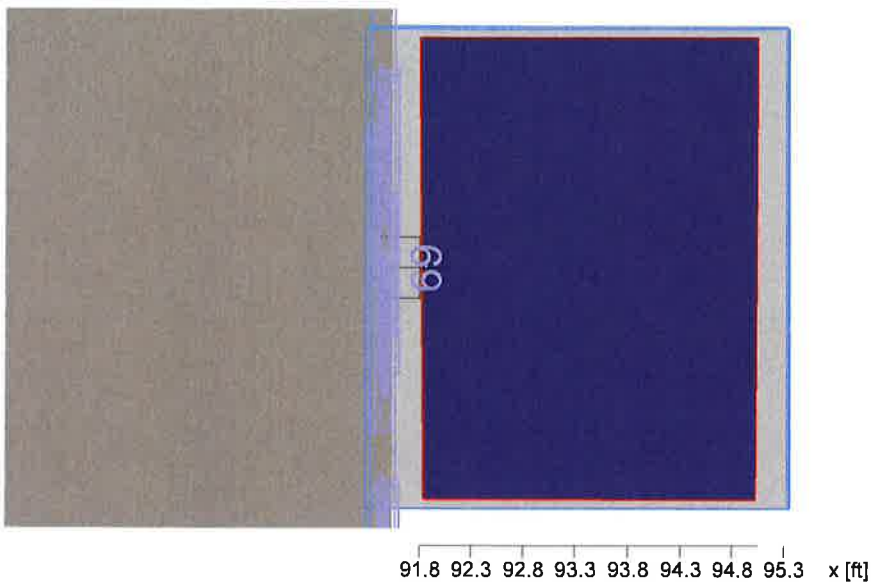
B-K LIGHTING, INC.
4 10  Order No. : MM-LED-e72-SP-12-C, RM-MM-LED-e72-SP-12-C,
Luminaire name : MACHINED CYLINDRICAL METAL HOUSING, 1 BLACK CIRCUIT BOARD
Equipment : 1 x ONE WHITE LIGHT EMITTING DIODE (LED), AI 2 W / 165 lm

COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON)
5 14  Order No. : EL406930-TLS408TBZBB
Luminaire name : HALO 4-INCH RECESSED LED DOWNLIGHT
Equipment : 1 x (1)SURFACE MOUNT LED, 3000K CCT, 90CRI 13 W / 689 lm

Object :
 Installation :
 Project number : project
 Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.9 Result overview, Entry 9



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.10 ft
Maintenance factor	0.80



Total luminous flux of all lamps 13546.1 lm (dimmed to 55.36%)
 (Luminaires have been dimmed. For details see output page "Luminaire data/Room elements".)

Total power	504 W
Total power per area (41580.00 sqft)	0.01 W/sqft

Illuminance

Average illuminance	Em	0.85 ftc
Minimum illuminance	Emin	0.64 ftc
Maximum illuminance	Emax	1.03 ftc
Uniformity U _o	Emin/Em	1:1.32 (0.76)
Diversity U _d	Emin/Emax	1:1.61 (0.62)


Type No. Make


- WAC LIGHTING**
- | | | | |
|---|----|----------------|------------------------------|
| 1 | 22 | Order No. | : 2091-27SS |
|  | | Luminaire name | : 2in LED Inground Fixture |
| | | Equipment | : 1 x 4.3 W / 287 lm |
| 3 | 8 | Order No. | : WS-W53610 |
|  | | Luminaire name | : Surface-mounted Luminaires |
| | | Equipment | : 1 x 9 W / 338 lm |


Object :
Installation :
Project number : project
Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.9 Result overview, Entry 9

WAC Lighting
2 38  Order No. : WL-LED140-C-BK
Luminaire name : PITA POCKET STEP LIGHT
Equipment : 1 x 3.22 W / 68 lm

6 13  Order No. : T24-OD1-01-40
Luminaire name : LED Tape Light
Equipment : 1 x 1 W / 121 lm

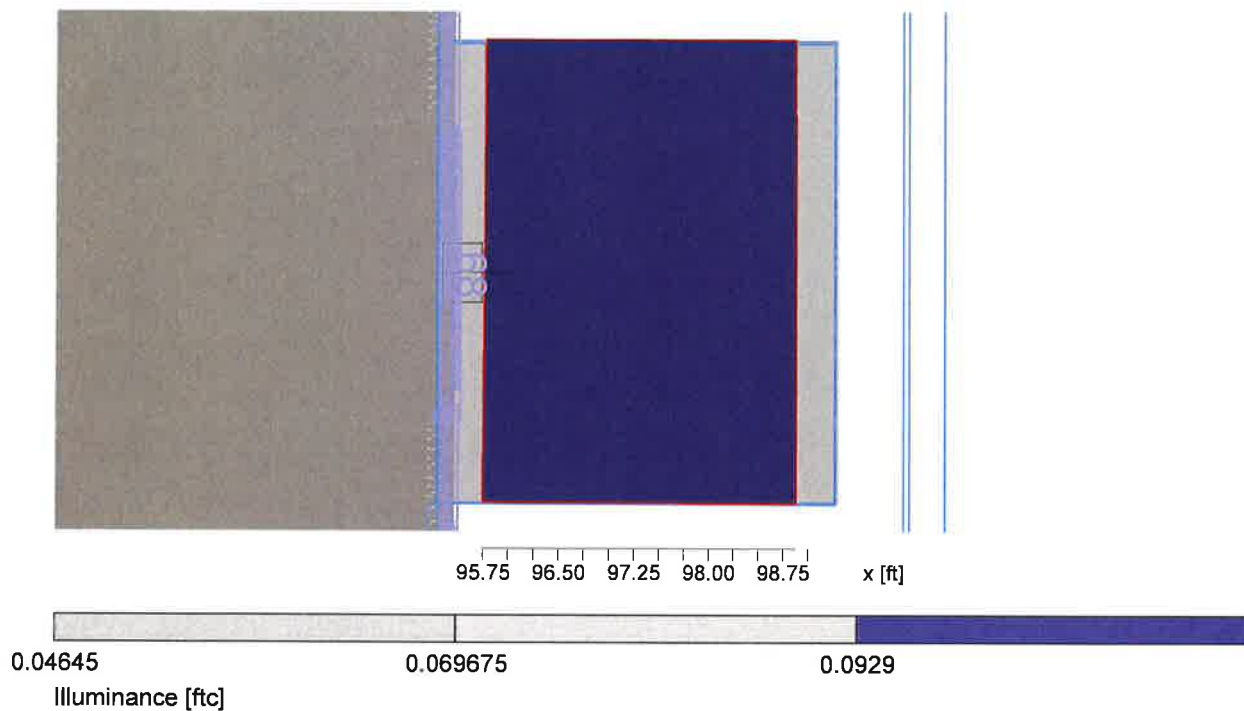
B-K LIGHTING, INC.
4 10  Order No. : MM-LED-e72-SP-12-C, RM-MM-LED-e72-SP-12-C,
Luminaire name : MACHINED CYLINDRICAL METAL HOUSING, 1 BLACK CIRCUIT BOARD
Equipment : 1 x ONE WHITE LIGHT EMITTING DIODE (LED), AI 2 W / 165 lm

COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON)
5 14  Order No. : EL406930-TLS408TBZBB
Luminaire name : HALO 4-INCH RECESSED LED DOWNLIGHT
Equipment : 1 x (1)SURFACE MOUNT LED, 3000K CCT, 90CRI 13 W / 689 lm

Object :
 Installation :
 Project number : project
 Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.10 Result overview, Entry 10



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.11 ft
Maintenance factor	0.80



Total luminous flux of all lamps	13546.1 lm (dimmed to 55.36%)
(Luminaires have been dimmed. For details see output page "Luminaire data/Room elements".)	

Total power	504 W
Total power per area (41580.00 sqft)	0.01 W/sqft

Illuminance

Average illuminance	Em	0.87 ftc
Minimum illuminance	Emin	0.64 ftc
Maximum illuminance	Emax	1.04 ftc
Uniformity Uo	Emin/Em	1:1.36 (0.74)
Diversity Ud	Emin/Emax	1:1.63 (0.61)


Type No.\Make


- WAC LIGHTING**
- | | | | |
|---|----|----------------|------------------------------|
| 1 | 22 | Order No. | : 2091-27SS |
|  | | Luminaire name | : 2in LED Inground Fixture |
| | | Equipment | : 1 x 4.3 W / 287 lm |
| 3 | 8 | Order No. | : WS-W53610 |
|  | | Luminaire name | : Surface-mounted Luminaires |
| | | Equipment | : 1 x 9 W / 338 lm |


Object :
Installation :
Project number : project
Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.10 Result overview, Entry 10

WAC Lighting
2 38  Order No. : WL-LED140-C-BK
Luminaire name : PITA POCKET STEP LIGHT
Equipment : 1 x 3.22 W / 68 lm

6 13  Order No. : T24-OD1-01-40
Luminaire name : LED Tape Light
Equipment : 1 x 1 W / 121 lm

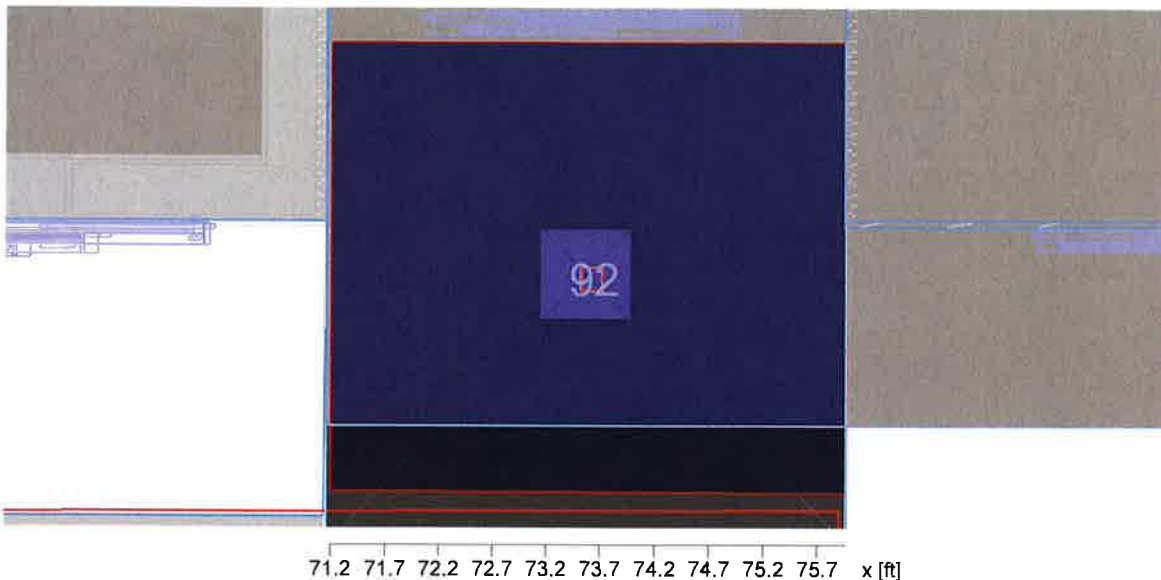
B-K LIGHTING, INC.
4 10  Order No. : MM-LED-e72-SP-12-C, RM-MM-LED-e72-SP-12-C,
Luminaire name : MACHINED CYLINDRICAL METAL HOUSING, 1 BLACK CIRCUIT BOARD
Equipment : 1 x ONE WHITE LIGHT EMITTING DIODE (LED), AI 2 W / 165 lm

COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON)
5 14  Order No. : EL406930-TLS408TBZBB
Luminaire name : HALO 4-INCH RECESSED LED DOWNLIGHT
Equipment : 1 x (1)SURFACE MOUNT LED, 3000K CCT, 90CRI 13 W / 689 lm

Object :
 Installation :
 Project number : project
 Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.11 Result overview, Entry 11



0.069675

0.0929

Illuminance [ftc]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.11 ft
Maintenance factor	0.80

Total luminous flux of all lamps	13546.1 lm (dimmed to 55.36%)
(Luminaires have been dimmed. For details see output page "Luminaire data/Room elements".)	

Total power	504 W
Total power per area (41580.00 sqft)	0.01 W/sqft

Illuminance

Average illuminance	Em	1.21 ftc
Minimum illuminance	Emin	0.82 ftc
Maximum illuminance	Emax	1.48 ftc
Uniformity U _o	Emin/Em	1:1.47 (0.68)
Diversity U _d	Emin/Emax	1:1.8 (0.55)


Type No. \ Make


- WAC LIGHTING**
- | | | | |
|---|----|----------------|------------------------------|
| 1 | 22 | Order No. | : 2091-27SS |
| | | Luminaire name | : 2in LED Inground Fixture |
| | | Equipment | : 1 x 4.3 W / 287 lm |
| 3 | 8 | Order No. | : WS-W53610 |
| | | Luminaire name | : Surface-mounted Luminaires |
| | | Equipment | : 1 x 9 W / 338 lm |


Object :
Installation :
Project number : project
Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.11 Result overview, Entry 11

WAC Lighting
2 38  Order No. : WL-LED140-C-BK
Luminaire name : PITA POCKET STEP LIGHT
Equipment : 1 x 3.22 W / 68 lm

6 13  Order No. : T24-OD1-01-40
Luminaire name : LED Tape Light
Equipment : 1 x 1 W / 121 lm

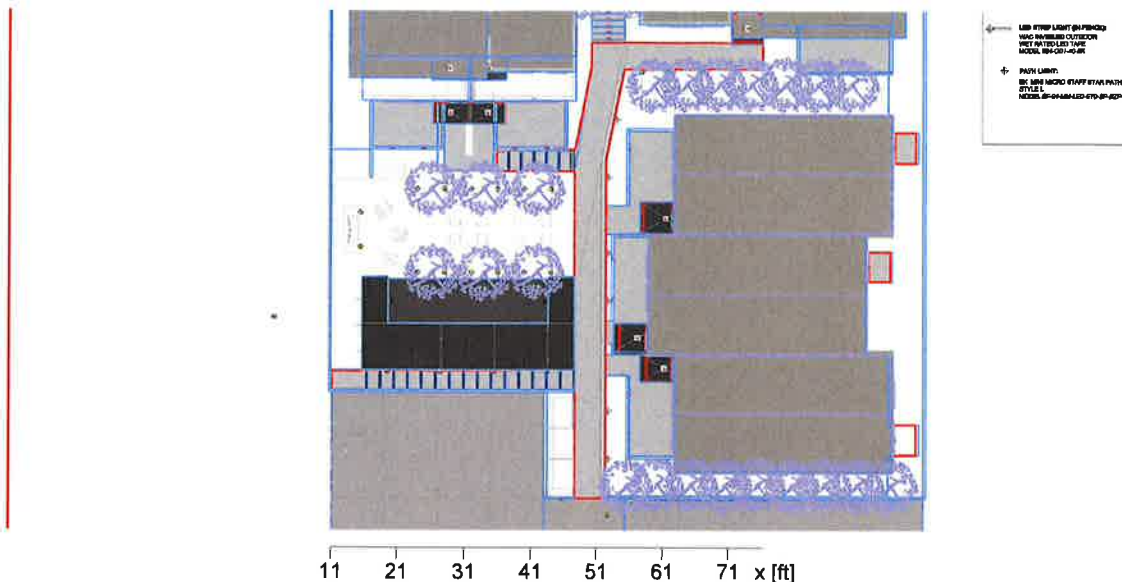
B-K LIGHTING, INC.
4 10  Order No. : MM-LED-e72-SP-12-C, RM-MM-LED-e72-SP-12-C,
Luminaire name : MACHINED CYLINDRICAL METAL HOUSING, 1 BLACK CIRCUIT BOARD
Equipment : 1 x ONE WHITE LIGHT EMITTING DIODE (LED), AI 2 W / 165 lm

COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON)
5 14  Order No. : EL406930-TLS408TBZBB
Luminaire name : HALO 4-INCH RECESSED LED DOWNLIGHT
Equipment : 1 x (1)SURFACE MOUNT LED, 3000K CCT, 90CRI 13 W / 689 lm

Object :
 Installation :
 Project number : project
 Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.12 Result overview, Path



0.013935

0.01858

Illuminance [ftc]

General

Calculation algorithm used
 Height of evaluation surface
 Maintenance factor

Average indirect fraction
 0.10 ft
 0.80



Total luminous flux of all lamps 13546.1 lm (dimmed to 55.36%)
 (Luminaires have been dimmed. For details see output page "Luminaire data/Room elements".)

Total power 504 W
 Total power per area (41580.00 sqft) 0.01 W/sqft

Illuminance

Average illuminance	Em	0.2 ftc
Minimum illuminance	Emin	0.2 ftc
Maximum illuminance	Emax	0.2 ftc
Uniformity Uo	Emin/Em	1:1 (1)
Diversity Ud	Emin/Emax	1:1 (1)


Type No.\Make


- WAC LIGHTING**
- | | | | |
|---|----|----------------|------------------------------|
| 1 | 22 | Order No. | : 2091-27SS |
|  | | Luminaire name | : 2in LED Inground Fixture |
| | | Equipment | : 1 x 4.3 W / 287 lm |
| 3 | 8 | Order No. | : WS-W53610 |
|  | | Luminaire name | : Surface-mounted Luminaires |
| | | Equipment | : 1 x 9 W / 338 lm |


Object :
Installation :
Project number : project
Date : 20.06.2021

2.2 Summary, Exterior 1

2.2.12 Result overview, Path

WAC Lighting
2 38  Order No. : WL-LED140-C-BK
Luminaire name : PITA POCKET STEP LIGHT
Equipment : 1 x 3.22 W / 68 lm

6 13  Order No. : T24-OD1-01-40
Luminaire name : LED Tape Light
Equipment : 1 x 1 W / 121 lm

B-K LIGHTING, INC.
4 10  Order No. : MM-LED-e72-SP-12-C, RM-MM-LED-e72-SP-12-C,
Luminaire name : MACHINED CYLINDRICAL METAL HOUSING, 1 BLACK CIRCUIT BOARD
Equipment : 1 x ONE WHITE LIGHT EMITTING DIODE (LED), AI 2 W / 165 lm

COOPER LIGHTING SOLUTIONS - HALO (FORMERLY EATON)
5 14  Order No. : EL406930-TLS408TBZBB
Luminaire name : HALO 4-INCH RECESSED LED DOWNLIGHT
Equipment : 1 x (1)SURFACE MOUNT LED, 3000K CCT, 90CRI 13 W / 689 lm

Object :
Installation :
Project number : project
Date : 20.06.2021

2 Exterior 1

2.3 Calculation results, Exterior 1

2.3.1 3D luminance, View 1



2.3 Calculation results, Exterior 1

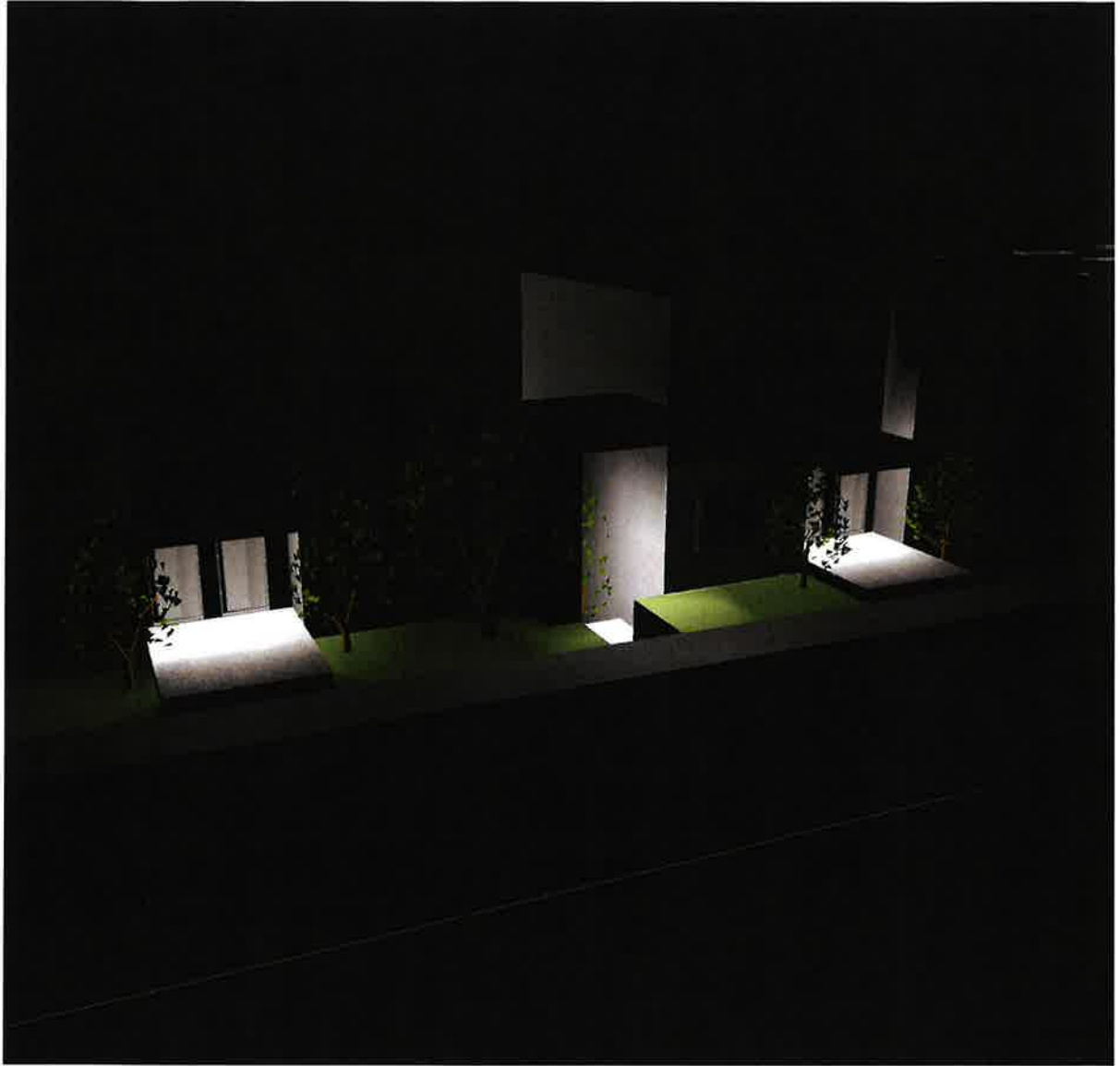
2.3.2 3D luminance, View 2



Object :
Installation :
Project number : project
Date : 20.06.2021

2.3 Calculation results, Exterior 1

2.3.3 3D luminance, View 3



Object :
Installation :
Project number : project
Date : 20.06.2021

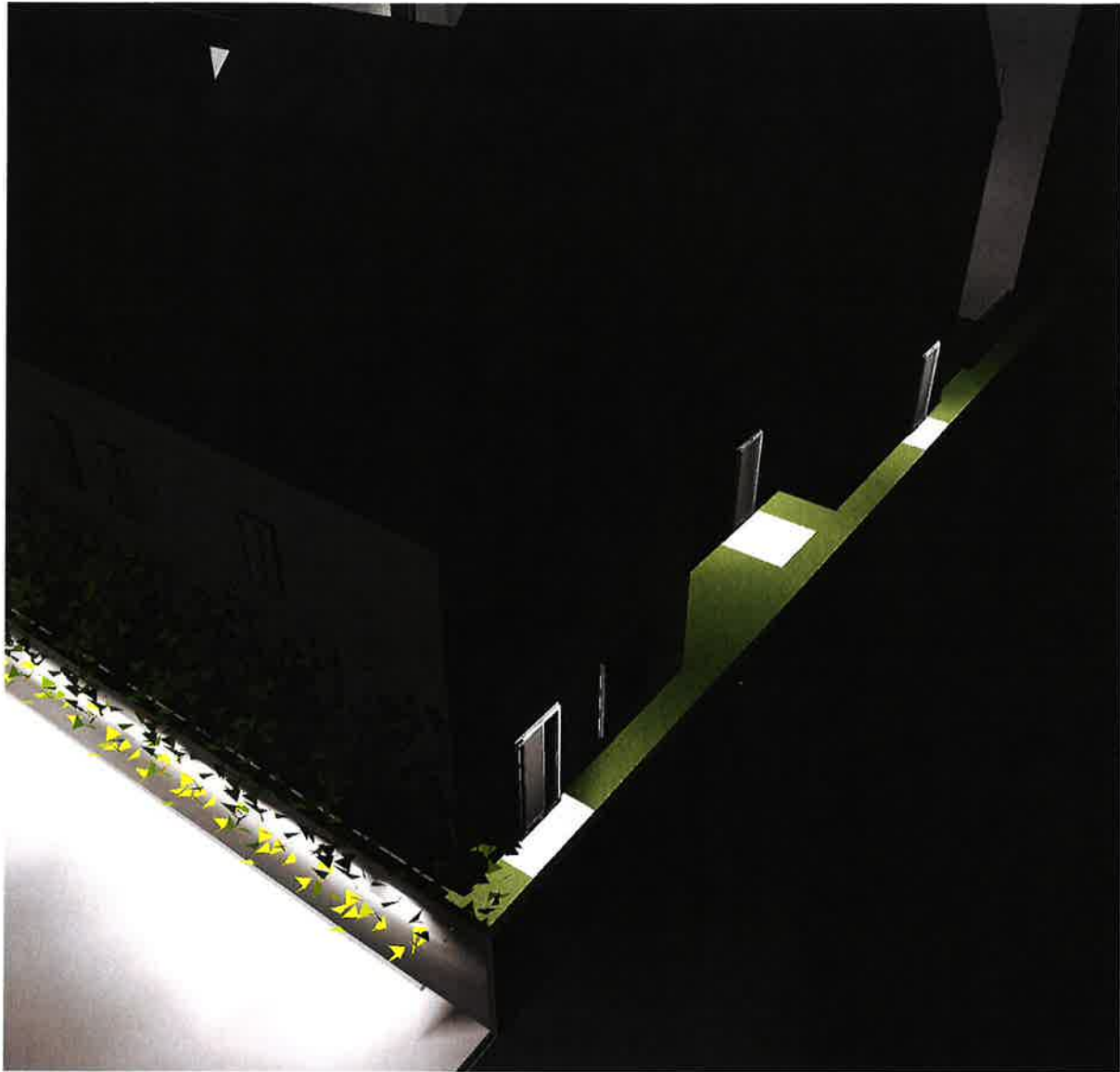
2.3 Calculation results, Exterior 1

2.3.4 3D luminance, View 4



2.3 Calculation results, Exterior 1

2.3.5 3D luminance, View 5



Object :
Installation :
Project number : project
Date : 20.06.2021

2.3 Calculation results, Exterior 1

2.3.6 3D pseudo colours, View 1 (E)



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Illuminance [ftc]

2.3 Calculation results, Exterior 1

2.3.7 3D pseudo colours, View 2 (E)

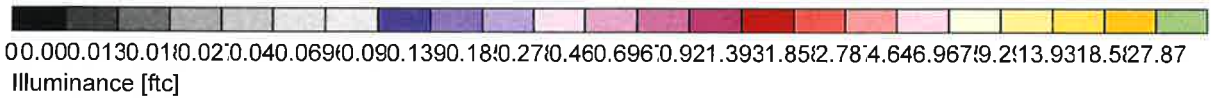
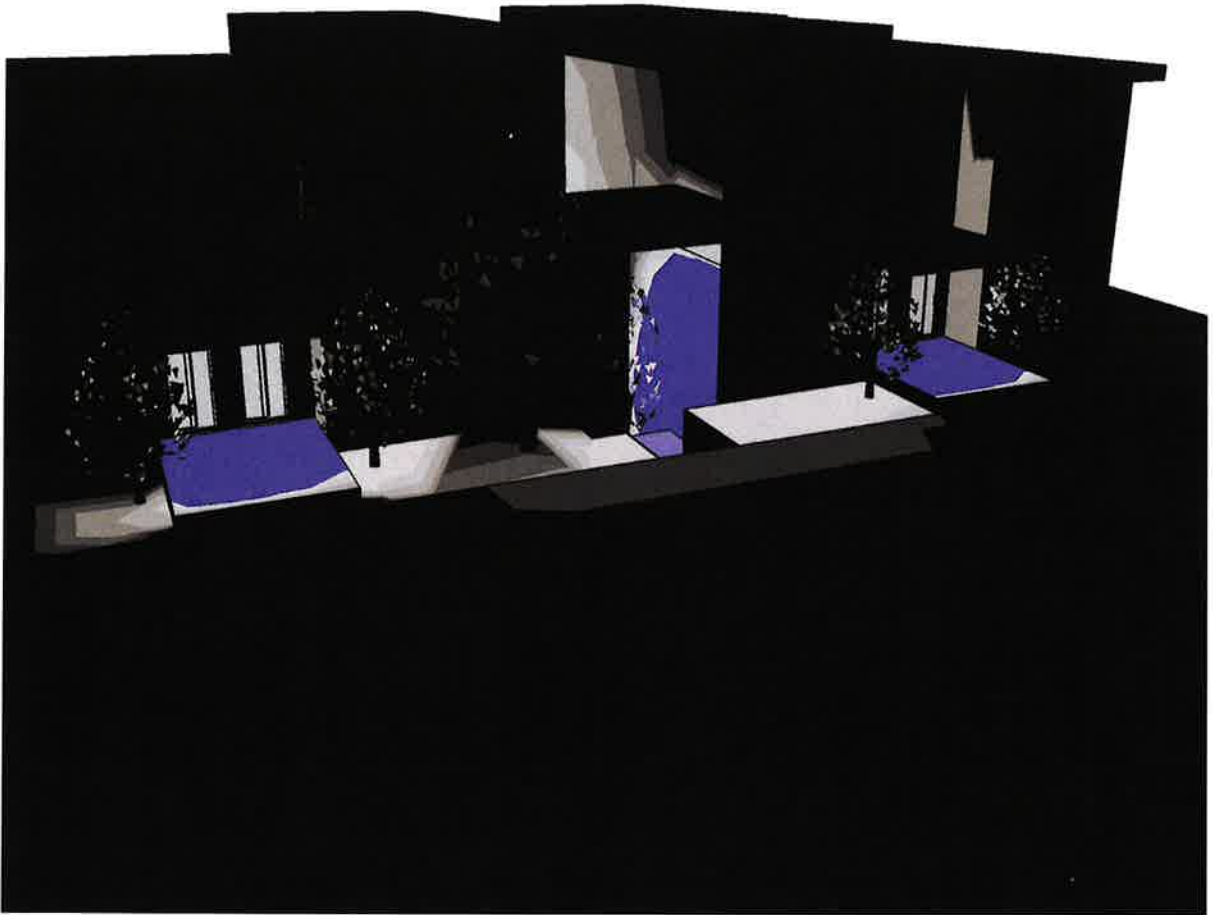


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Illuminance [ftc]

Object :
Installation :
Project number : project
Date : 20.06.2021

2.3 Calculation results, Exterior 1

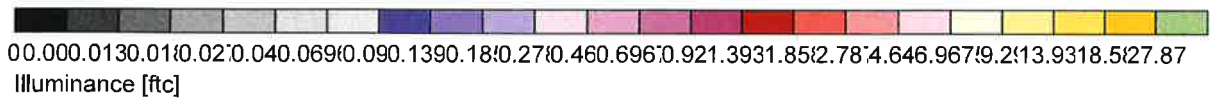
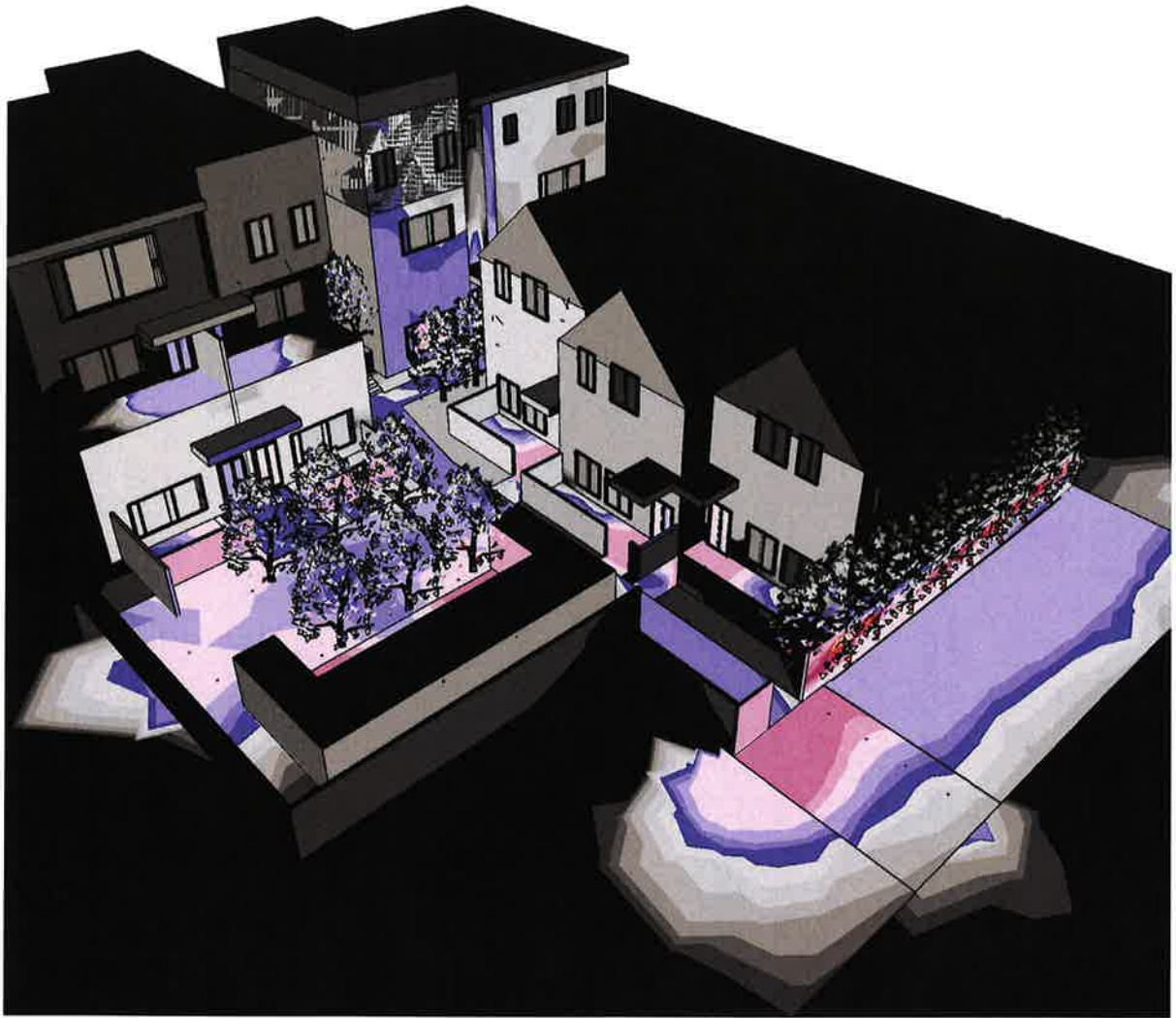
2.3.8 3D pseudo colours, View 3 (E)



Object :
Installation :
Project number : project
Date : 20.06.2021

2.3 Calculation results, Exterior 1

2.3.9 3D pseudo colours, View 4 (E)



Object :
Installation :
Project number : project
Date : 20.06.2021

2.3 Calculation results, Exterior 1

2.3.10 3D pseudo colours, View 5 (E)

