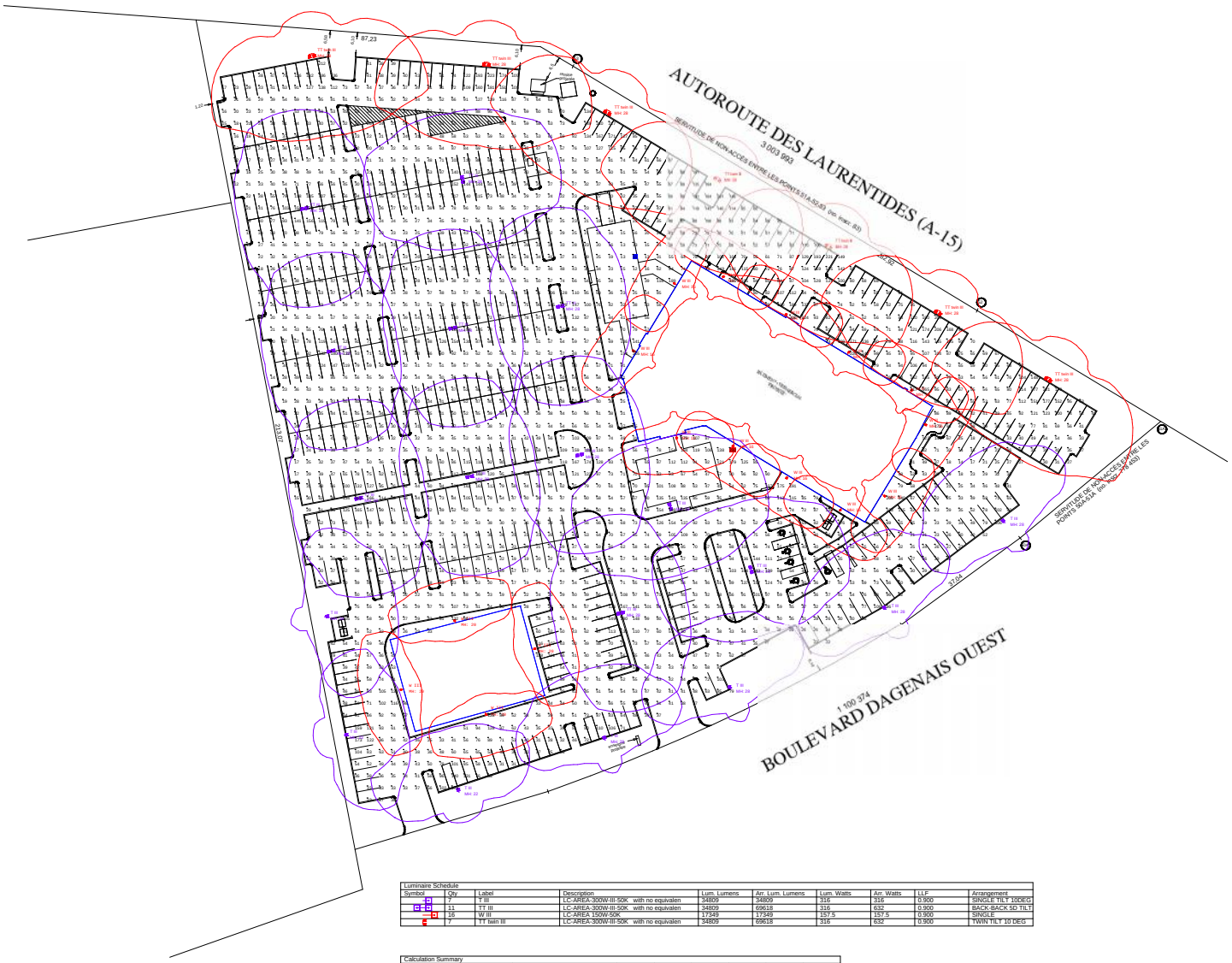
Lighting Calculation Study

7800 boul. Taschereau
Brossard (QC) J4X 1V7 Tel.: 450.444.4007 x22

DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and goodpractice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lightingcalculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

Project name : Parking Lot v2		**Date:4/16/2019**
Prepared for: Ledco		AGi32 Version 19.5.18
Filename: Parking Lot v3 ledco.AGI		Total Time (Hrs.): 3.9
By : Anne Côté	**Units: Feet**	**Page 1 of 13**



Luminaire Schedule										
Symbol	Qty	Label	Description	Lum. Lumens	Arr. Lum. Lumens	Lum. Watts	Arr. Watts	LLF	Arrangement
	7	T III	LC-AREA-300W-III-50K with no equivalen	34809	34809	316	316	0.900	SINGLE TILT 10DEG
	11	TT III	LC-AREA-300W-III-50K with no equivalen	34809	69618	316	632	0.900	BACK-BACK SD TILT
	16	W III	LC-AREA 150W-50K	17349	17349	157.5	157.5	0.900	SINGLE
	7	TT twin III	LC-AREA-300W-III-50K with no equivalen	34809	69618	316	632	0.900	TWIN TILT 10 DEG

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts_1	Illuminance	Lux	59.69	232	11	5.43	21.09

7800 boul. Taschereau
Brossard (QC) J4X 1V7 Tel.: 450.444.4007 x22

DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and goodpractice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lightingcalculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

Project name : Parking Lot v2

Prepared for: Ledco

Filename: Parking Lot v3 ledco.AGI

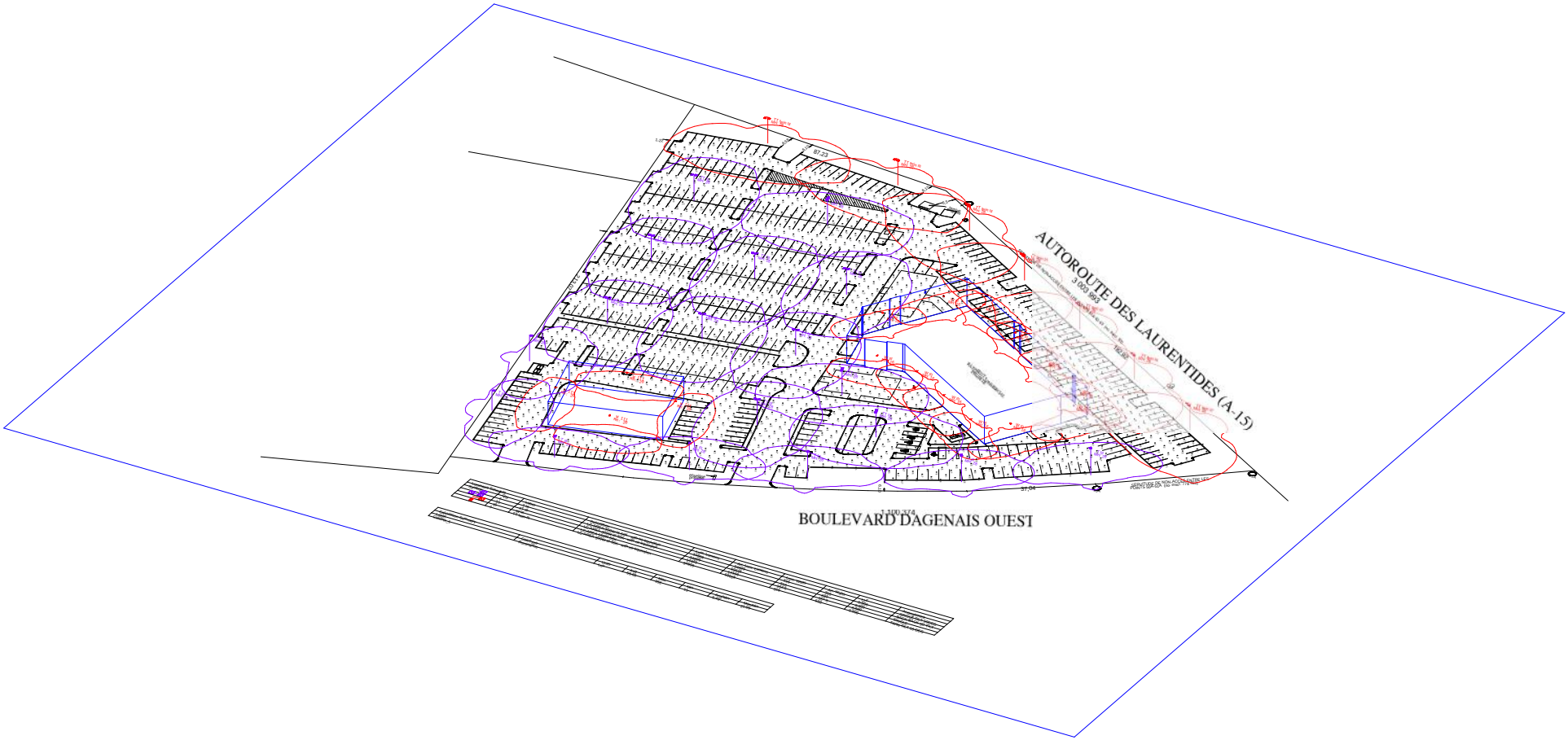
By : Anne Côté

Units: Feet

Date:4/16/2019

AGi32 Version 19.5.18

Total Time (Hrs.): 3.9



7800 boul. Taschereau
Brossard (QC) J4X 1V7 Tel.: 450.444.4007 x22

DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and goodpractice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lightingcalculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

Project name : Parking Lot v2

Prepared for: Ledco

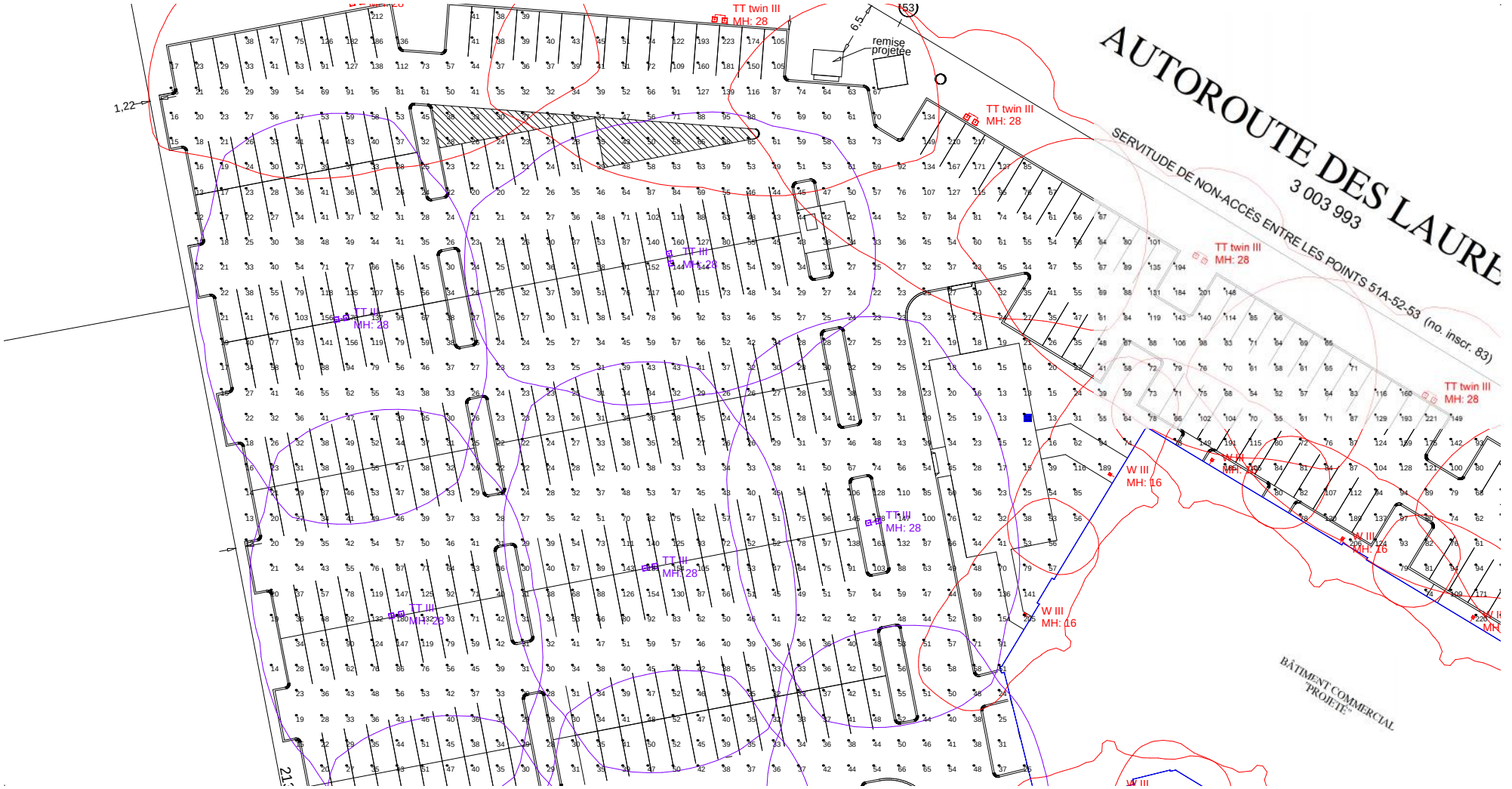
Filename: Parking Lot v3 ledco.AGI

By : Anne Côté | **Units: Feet**

Date:4/16/2019

AGi32 Version 19.5.18

Total Time (Hrs.): 3.9



7800 boul. Taschereau
Brossard (QC) J4X 1V7 Tel.: 450.444.4007 x22

DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and goodpractice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lightingcalculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

Project name : Parking Lot v2

Prepared for: Ledco

Filename: Parking Lot v3 ledco.AGI

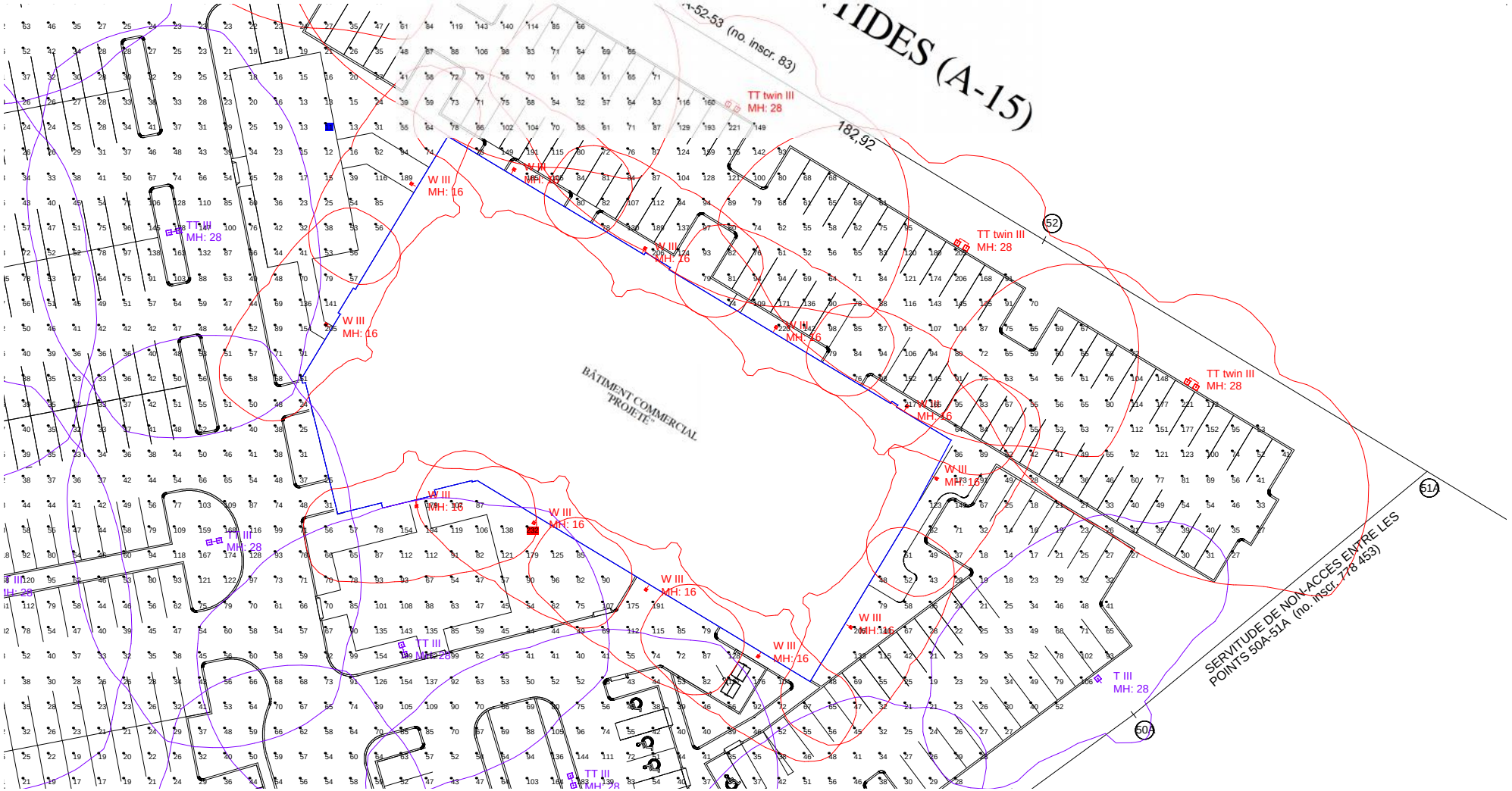
By : Anne Côté

Units: Feet

Date:4/16/2019

AGi32 Version 19.5.18

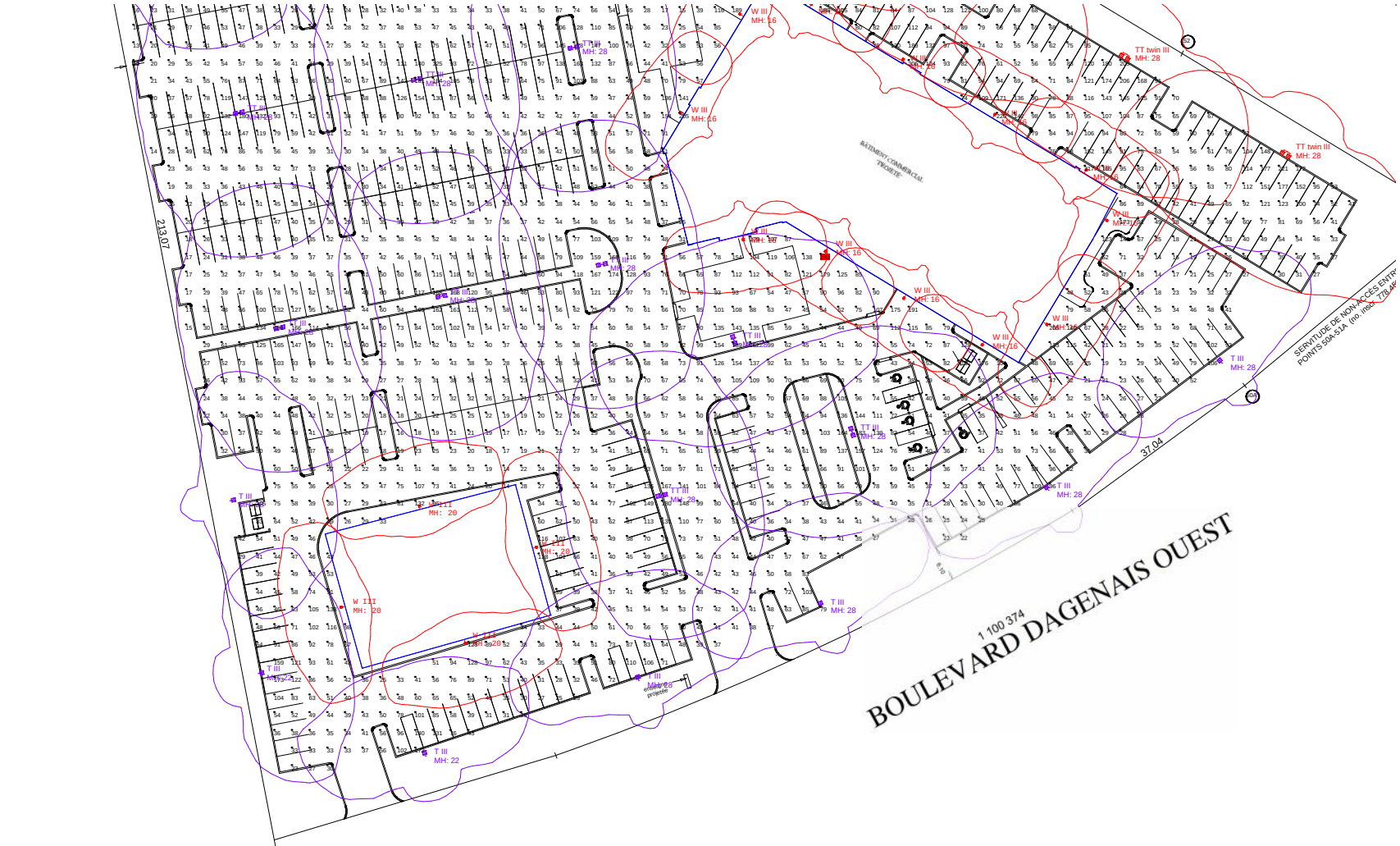
Total Time (Hrs.): 3.9



7800 boul. Taschereau
Brossard (QC) J4X 1V7 Tel.: 450.444.4007 x22

DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and goodpractice. Some differences between measuralues and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such asage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantict the lightingcalculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

Project name: Parking Lot v2	Date:4/16/2019
Prepared for: Ledco	AGi32 Version 19.5.18
Filename: Parking Lot v3 ledco.AGI	Total Time (Hrs.): 3.9
By : Anne Côté	Units: Feet



Luminaire Schedule

Symbol	Qty	Label	Description	Lum. Lumens	Arr. Lum. Lumens	Lum. Watts	Arr. Watts	LLF	Arrangement
	7	T III	LC-AREA-300W-III-50K with no equivalen	34809	34809	316	316	0.900	SINGLE TILT 10DEG
	11	TT III	LC-AREA-300W-III-50K with no equivalen	34809	69618	316	632	0.900	BACK-BACK 5D TILT
	16	W III	LC-AREA 150W-50K	17349	17349	157.5	157.5	0.900	SINGLE
	7	TT twin III	LC-AREA-300W-III-50K with no equivalen	34809	69618	316	632	0.900	TWIN TILT 10 DEG

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts_1	Illuminance	Lux	59.69	232	11	5.43	21.09

7800 boul. Taschereau
Brossard (QC) J4X 1V7 Tel.: 450.444.4007 x22

DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and goodpractice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lightingcalculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

Project name : Parking Lot v2

Prepared for: Ledco

Filename: Parking Lot v3 ledco.AGI

By : Anne Côté

Units: Feet

Date:4/16/2019

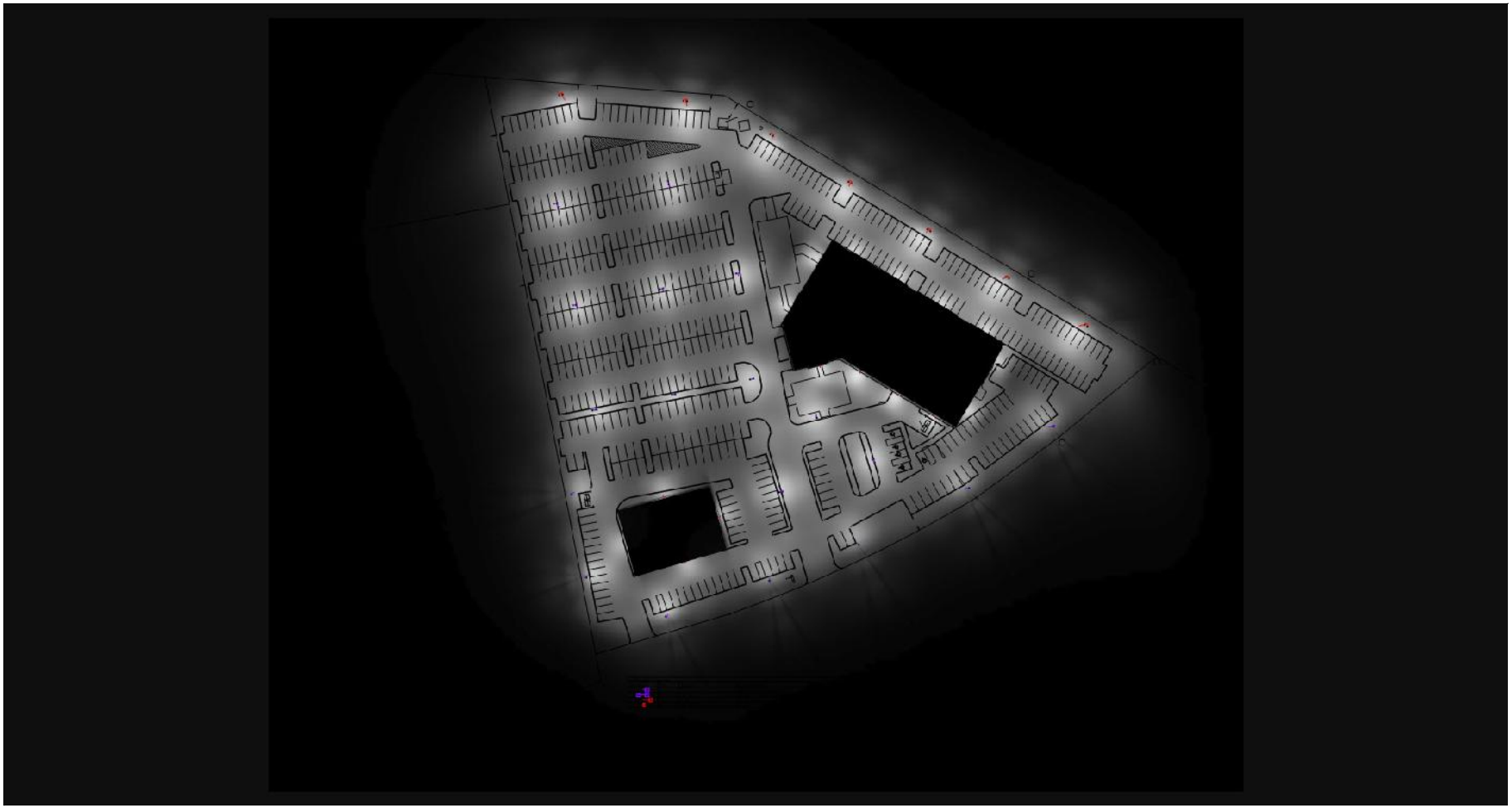
AGi32 Version 19.5.18

Total Time (Hrs.): 3.9

Results Summary

Luminaire Schedule									
Symbol	Qty	Label	Description	Lum. Watts	Arr. Watts	Lum. Lumens	Arr. Lum. Lumens	LLF	Arrangement
	7	T III	LC-AREA-300W-III-50K with no equivalence	316	316	34809	34809	0.900	SINGLE TILT 10DEG
	11	TT III	LC-AREA-300W-III-50K with no equivalence	316	632	34809	69618	0.900	BACK-BACK 5D TILT
	16	W III	LC-AREA 150W-50K	157.5	157.5	17349	17349	0.900	SINGLE
	7	TT twin III	LC-AREA-300W-III-50K with no equivalence	316	632	34809	69618	0.900	TWIN TILT 10 DEG

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts_1	Illuminance	Lux	59.69	232	11	5.43	21.09



7800 boul. Taschereau
Brossard (QC) J4X 1V7 Tel.: 450.444.4007 x22

DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and goodpractice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lightingcalculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

Project name : Parking Lot v2

Prepared for: Ledco

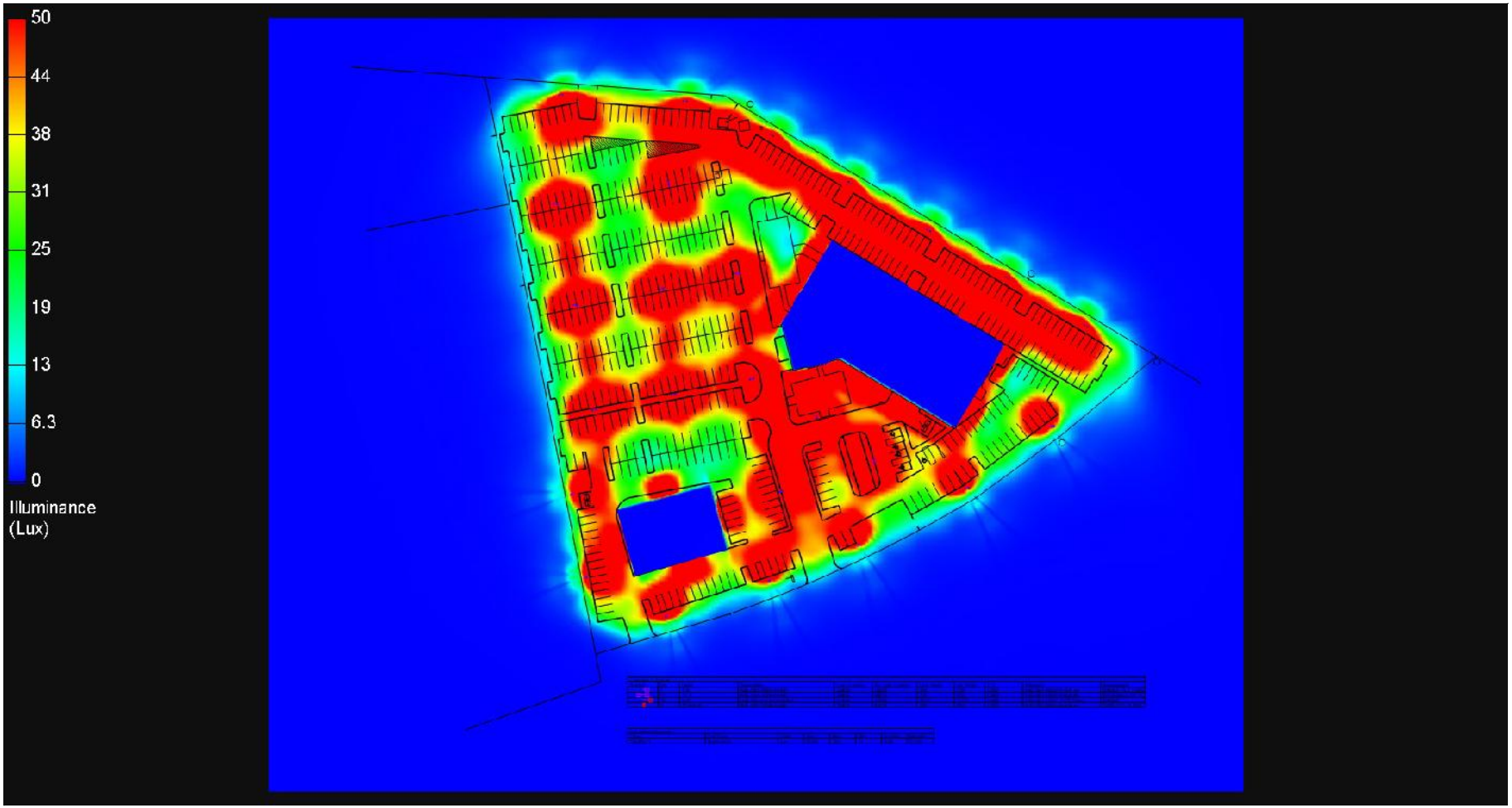
Filename: Parking Lot v3 ledco.AGI

By : Anne Côté | **Units: Feet**

Date:4/16/2019

AGi32 Version 19.5.18

Total Time (Hrs.): 3.9



7800 boul. Taschereau
Brossard (QC) J4X 1V7 Tel.: 450.444.4007 x22

DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and goodpractice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lightingcalculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

Project name : Parking Lot v2

Prepared for: Ledco

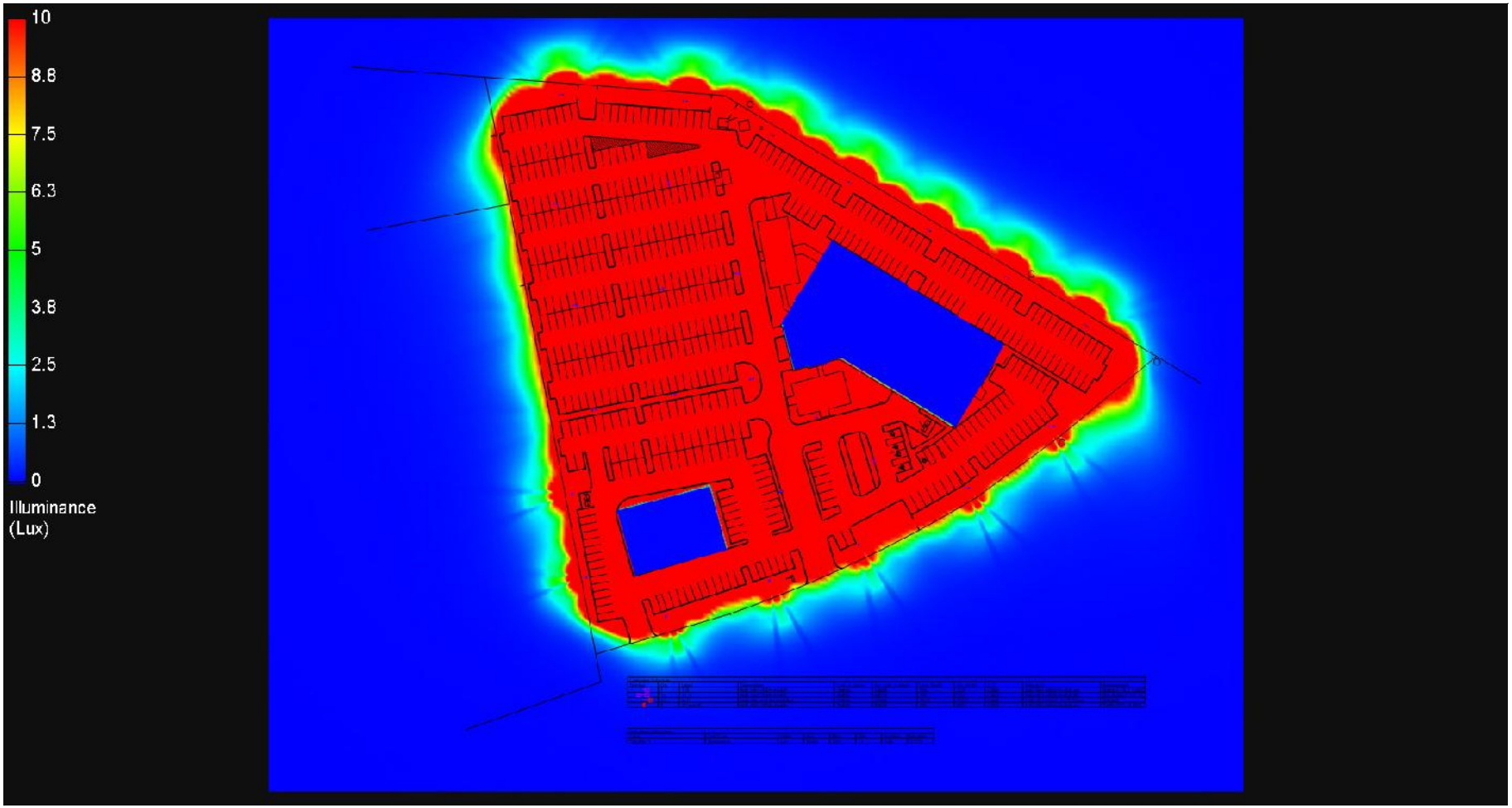
Filename: Parking Lot v3 ledco.AGI

By : Anne Côté | **Units: Feet**

Date:4/16/2019

AGi32 Version 19.5.18

Total Time (Hrs.): 3.9



7800 boul. Taschereau
Brossard (QC) J4X 1V7 Tel.: 450.444.4007 x22

DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and goodpractice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lightingcalculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

Project name : Parking Lot v2

Prepared for: Ledco

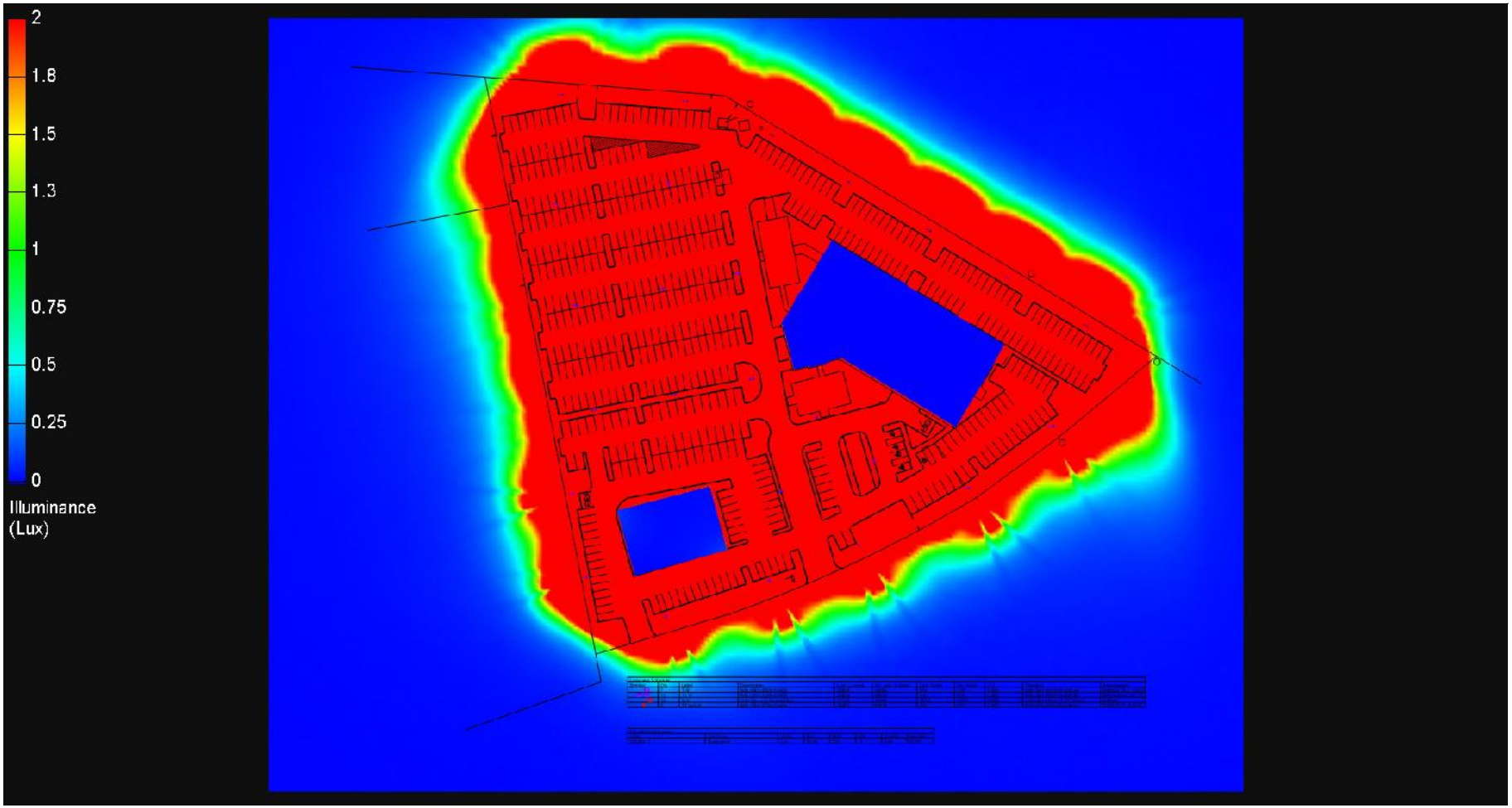
Filename: Parking Lot v3 ledco.AGI

By : Anne Côté | **Units: Feet**

Date:4/16/2019

AGi32 Version 19.5.18

Total Time (Hrs.): 3.9



7800 boul. Taschereau
Brossard (QC) J4X 1V7 Tel.: 450.444.4007 x22

DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and goodpractice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lightingcalculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

Project name : Parking Lot v2

Prepared for: Ledco

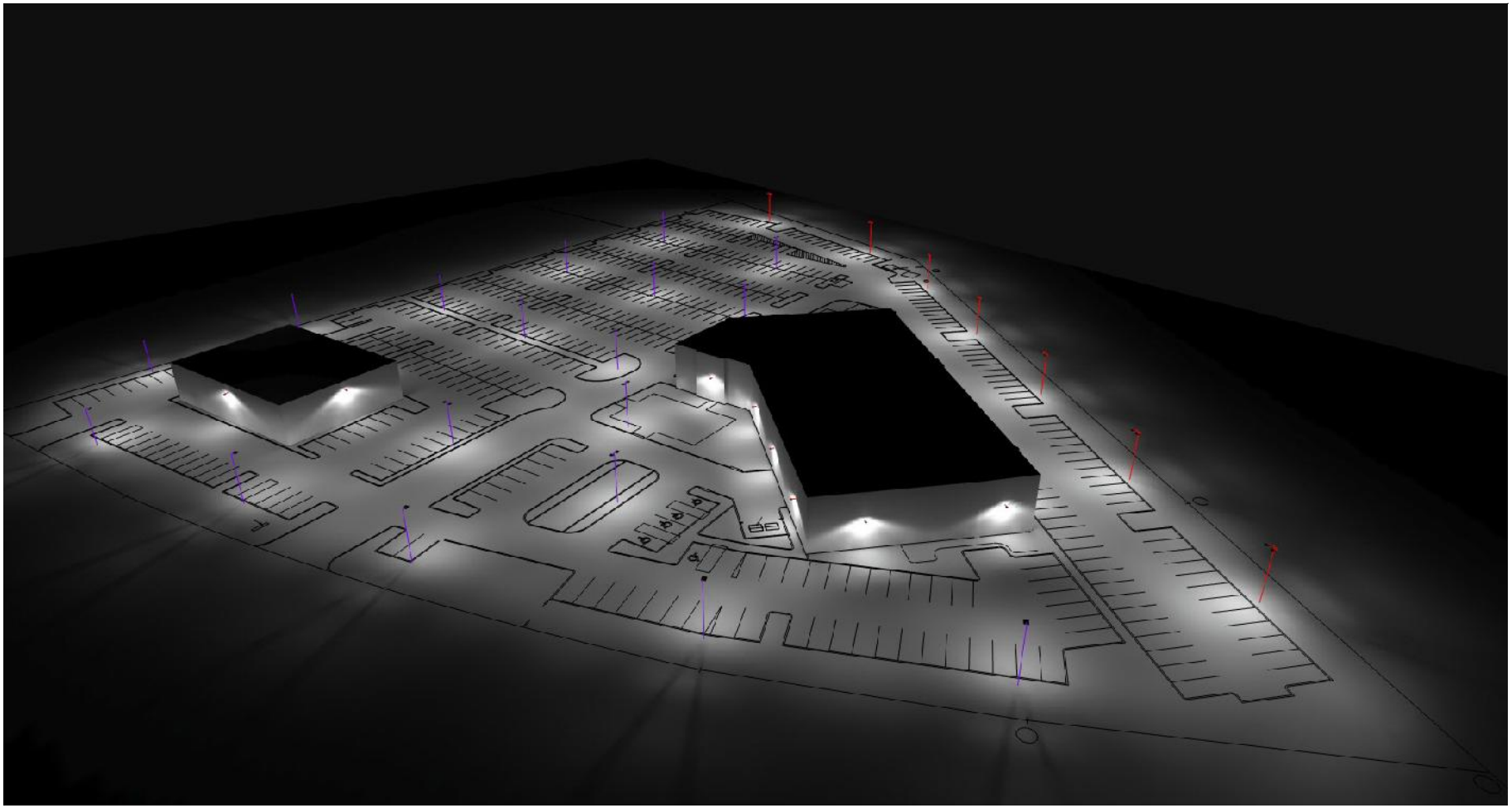
Filename: Parking Lot v3 ledco.AGI

By : Anne Côté | **Units: Feet**

Date:4/16/2019

AGi32 Version 19.5.18

Total Time (Hrs.): 3.9



7800 boul. Taschereau
Brossard (QC) J4X 1V7 Tel.: 450.444.4007 x22

DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and goodpractice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lightingcalculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

Project name : Parking Lot v2

Prepared for: Ledco

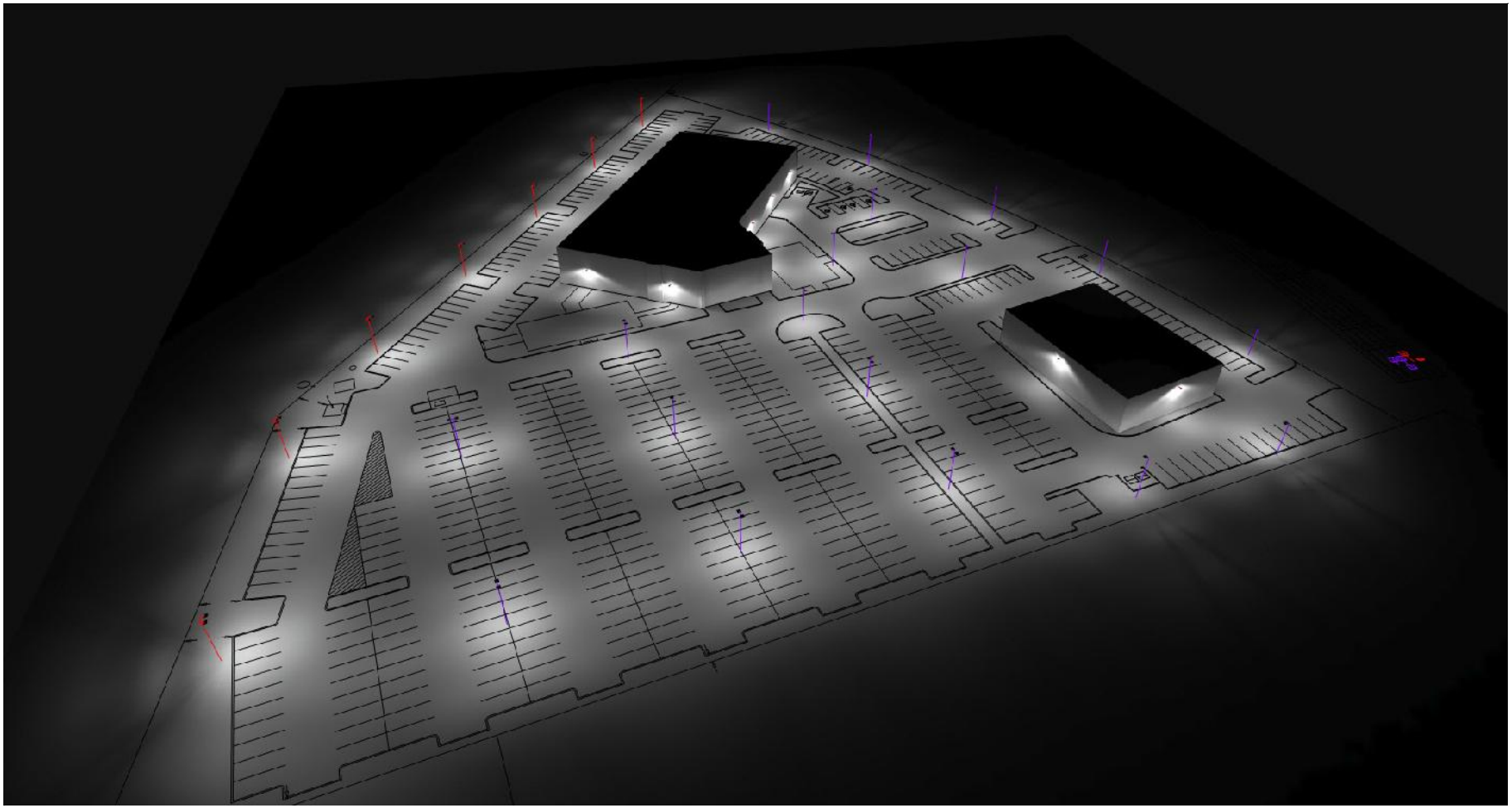
Filename: Parking Lot v3 ledco.AGI

By : Anne Côté | **Units: Feet**

Date:4/16/2019

AGi32 Version 19.5.18

Total Time (Hrs.): 3.9



7800 boul. Taschereau
Brossard (QC) J4X 1V7 Tel.: 450.444.4007 x22

DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and goodpractice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lightingcalculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

Project name : Parking Lot v2

Prepared for: Ledco

Filename: Parking Lot v3 ledco.AGI

By : Anne Côté | **Units: Feet**

Date:4/16/2019

AGi32 Version 19.5.18

Total Time (Hrs.): 3.9