



SEAL:

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Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
☉	6	KK	SINGLE	N.A.	0.900	JUNO JSF 7IN 10LM 30K 90CRI 120 FRPC WH
☐	5	JJ1	SINGLE	N.A.	0.900	LITHONIA WST LED P2 30K VF MVOLT
☐	3	JJ	SINGLE	N.A.	0.900	BEGA 22383 30K
☉	19	HH	SINGLE	N.A.	0.900	SELUX IBL-X-2Q90-30K-XX-120-DS
⊥	5	BB	SINGLE	N.A.	0.900	BEGA 33054 30K

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Object_1_Top	Illuminance	Fc	1.32	18.6	0.0	N.A.	N.A.

Calculation Notes:

The calculation is done with the assumption of surface reflectance value @ 20% and light loss factor (LLF) 0.9. The calculation does not consider the following elements:

- Planters
- Curbs
- Natural day light
- Shrubs & Plants
- Openings
- Stairs
- Other vertical extrusions and elevations than finished floor/walls and privacy fence around the building site

Lighting strategies will be including full cutoff and directed downward fixtures to provide sufficient illumination for pedestrians and minimize light pollution.

Efficient exterior lighting providing adequate illumination for safety and security will be incorporated into the design. Luminaires to be full cutoff and prevent glare discomfort and/or light trespass onto neighboring properties. There will be no exterior uplighting.

Calculation is done with IES files provided by manufacturers. Calculation is done without any other lighting contribution than the ones listed in the luminaire schedule shown on the calculation sheet. Calculation points in on a 3ft by 3ft grid for walkway.



PROJECT TITLE:
1637 BATHURST

SHEET TITLE:
PHOTOMETRIC CALCULATIONS

DATE: 2019-12-02
SCALE: 1:100
DRAWN BY: HVB
CHECKED BY: JB/BI
PROJECT NO.: T196

SHEET NO.: **L-E1.02**