



JOB NAME: BARBER COVE - IRON HORSE BOULEVARD - SIMSBURY, CT  
 APEX LIGHTING SOLUTIONS  
 WORKPLAN/CAD DRAWN AT FINISH GRADE  
 MOUNTING HEIGHT: SEE LUMINAIRE SCHEDULE  
 NOTES: L&D  
 DATES: 05/19

Luminaire Schedule							
Qty	Label	Arrangement	Lumens	Input Watts	LLF	BOG Rating	Description
5	SL2	SINGLE	6006	75	0.850	B1-U1-G2	SUN VALLEY COLIB-VLED-II-48LED-525mA-WW-PT-FINISH / MOUNTED TO RMTS 164-11-PTXX-FINISH / 3200SB
9	SL2E	SINGLE	4414	75	0.850	B1-U1-G2	SUN VALLEY COLIB-VLED-II-48LED-525mA-WW-PT-FINISH-HS / MOUNTED TO RMTS 164-11-PTXX-FINISH / 3200SB
6	SL3	SINGLE	5984	75	0.850	B1-U1-G2	SUN VALLEY COLIB-VLED-III-48LED-525mA-WW-PT-FINISH / MOUNTED TO RMTS 164-11-PTXX-FINISH / 3200SB
11	SL3S	SINGLE	4800	75	0.850	B3-U1-G2	SUN VALLEY COLIB-VLED-III-48LED-525mA-WW-PT-FINISH-HS / MOUNTED TO RMTS 164-11-PTXX-FINISH / 3200SB
13	SL4	SINGLE	5543	75	0.850	B1-U1-G2	SUN VALLEY COLIB-VLED-IV-48LED-525mA-WW-PT-FINISH / MOUNTED TO RMTS 164-11-PTXX-FINISH / 3200SB
19	SL4S	SINGLE	4599	75	0.850	B1-U1-G2	SUN VALLEY COLIB-VLED-IV-48LED-525mA-WW-PT-FINISH-HS / MOUNTED TO RMTS 164-11-PTXX-FINISH / 3200SB
2	SL5	SINGLE	6443	75	0.850	B3-U2-G1	SUN VALLEY COLIB-VLED-VSQ-48LED-525mA-WW-PT-FINISH / MOUNTED TO RMTS 164-11-PTXX-FINISH / 3200SB

Calculation Summary						
Label	Grid Height	Avg	Max	Min	Avg/Min	Max/Min
CalcPts_1	0	0.30	2.3	0.0	N.A.	N.A.
PARKING LOT		1.05	2.3	0.0	N.A.	N.A.

**GENERAL DISCLAIMER:**  
 Calculations have been performed according to IES standards and good practice. 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 lighting calculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.  
 \* LLF Determined Using Current Published Lamp Data

**NOTE TO REVIEWER:**  
 Total Light Loss Factor (LLF) applied at time of design is determined by applying the Lamp Lumen Depreciation Factor (LLD) from current lamp manufacturer's catalog, a Luminaire Dirt Depreciation Factor (LDD) based on IES recommended values and a Ballast Factor (BF) from current ballast specification sheets. Application of an incorrect Light Loss Factor (LLF) will result in forecasts of performance that will not accurately depict actual results.  
 For proper comparison of photometric layouts, it is essential that you insist all designers use correct Light Loss Factors.



PROJECT TITLE:  
 BARBER COVE  
 IRON HORSE BOULEVARD  
 SIMSBURY, CT

DRAWING TITLE:  
 SITE LIGHTING  
 PHOTOMETRIC CALCULATION

SCALE: 1"=40'-0"  
 DATE: 6/16/21  
 DRAWN BY: LED/SP  
 SHEET:  
**SL-1D**

FILE NAME: SL-1D BARBER COVE - IRON HORSE BOULEVARD - SIMSBURY, CT 06-16-2021 LED-SAP.dwg