JOB NAME: UVM NORTH FRESHMAN HOUSING - SITE
DATE: 5/6/2015
APEX LIGHTING SOLUTIONS
REFLECTANCES: NONE USED
WORKPLANE: @ GRADE

Luminaire Schedule

Qty	Label	Lumens/Lamp	LLF	Description
11	SL1	N.A.	0.663	LUMEC L70-40W30LED4K-PC-FC-LE3-SFO-GN8TX-LMSXXXXX Mounted to AM6F=10.08-PW-VPA-GN8TX-LMSXXXXX w/Optical Center @ ~12ft-6in AFG
10	SL2	N.A.	0.583	LUMEC L70-40W30LED4K-PC-FC-LE5-SFO-GN8TX-LMSXXXXX Mounted to AM6F=10.08-PW-VPA-GN8TX-LMSXXXXX w/Optical Center @ ~12ft-6in AFG
10	EX	9000	0.634	LUMEC L70-100MH-PC CS-SE3-QTA-SFO-GN8TX-LMSXXXXX Mounted to AM6U-10.08-PW-VPA-GN8TX-LMSXXXXX w/Optical Center @ ~12ft-6in AFG
2	EX-R	9000	0.634	LUMEC L70-100MH-PC CS-SE3-QTA-SFO-GN8TX-LMSXXXXX Mounted to AM6U-10.08-PW-VPA-GN8TX-LMSXXXXX w/Optical Center @ ~12ft-6in AFG
8	WL	N.A.	0.850	GARDCO 941L-C-LV-20LA-NW-VOLT-FINISH-TP Recessed in Wall @ 18in AFG

Calculation Summary

Label	Avg - FC	Max - FC	Min - FC	Avg/Min	Max/Min
NON-WALKWAY & EXISTING LIGHTING	0.12	1.9	0.0	N.A.	N.A.
WALKWAYS	0.47	1.5	0.0	N.A.	N.A.

SOURCE LUMENS PER NET ACRE WITHIN PROJECT SCOPE

Label	SQ-FT	TOTAL INITIAL LUMENS	TOTAL DELIVERED LUMENS	INITIAL LUMENS/SQ-FT	DELIVERED LUMENS/SQ-FT
ENTIRE SITE - NEW LUMINAIRES	146,300	72,600	41,453	0.496	0.283

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 (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.

APEX
LIGHTING SOLUTIONS
THE POINT WHERE ALL ASCENDING LINES CONVERGE

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PROJECT TITLE:

UVM NORTH FRESHMAN HOUSING

DRAWING TITLE:

SITE LIGHTING POINT CALCULATION

SCALE: 1"=30'-0"

DATE: 5/6/2015

DRAWN BY: DC

SHEET:

SL-1E