

JOB NAME: COMMUNITY CENTER REDEVELOPMENT - LOFTS AT BLACK BIRCH - EAST HADDAM, CT
APEX LIGHTING SOLUTIONS
WORKPLANE/CALC PLANE: AT FINISH GRADE
MOUNTING HEIGHT: SEE LUMINAIRE SCHEDULE
APPS: LED
SALES: GB
SPECIFIER: WMC ENGINEERS

Luminaire Schedule							
Qty	Label	Arrangement	Lumens	Input Watts	LLF	BUG Rating	Description
4	B1	Single	1053	40.4	0.850	B0-U3-G1	GARDCO BRM830-36-54L-116-NW-G2-VOLT-SURGE PROTECTION-BK
1	SL2	Single	3124	29.21993	1.683	B1-U0-G1	HADCO TVLN-MOUNT-S-32-G3-5-2S-740-A-FINISH / MOUNTED TO SSA4-CB-12-T3-BLP
4	SL3B	Single	3369	29.21993	1.683	B1-U0-G1	HADCO TVLN-MOUNT-S-32-G3-5-3W-740-A-FINISH / MOUNTED TO SSA4-CB-12-T3-BLP
5	SL5	Single	3506	29.21993	1.683	B2-U0-G1	HADCO TVLN-MOUNT-S-32-G3-5-5-740-A-FINISH / MOUNTED TO SSA4-CB-12-T3-BLP

Calculation Summary						
Label	Grid Height	Avg	Max	Min	Avg/Min	Max/Min
CalcPts_1	0	0.19	8.0	0.0	N.A.	N.A.
PARKING & DRIVE LANE		1.25	5.8	0.1	12.50	58.00

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
telephone 860.632.8766
www.apexlightingsolutions.com

PROJECT TITLE:

COMMUNITY CENTER REDEVELOPMENT
LOFTS AT BLACK BIRCH
EAST HADDAM, CT

DRAWING TITLE:

SITE LIGHTING
PHOTOMETRIC CALCULATION

SCALE : 1"=20'-0"

DATE: 9/17/21

DRAWN BY: LED

SHEET:

SL-1

FILE NAME: SL-1 COMMUNITY CENTER REDEVELOPMENT - EAST HADDAM 09-17-2021 LED.dwg