



JOB NAME: AMS WILTON - 131 DANBURY RD - WILTON, CT
APEX LIGHTING SOLUTIONS
WORKPLANE/CALC PLANE: AT FINISH GRADE
MOUNTING HEIGHT: SEE LUMINAIRE SCHEDULE
APPS: LEPD
SALES: SP
SPECIFIER: SLR CONSULTING

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Lum. Lumens	Lum. Watts	LLF	Description	MANUFAC	Filename
	22	B3	Single	482	6.1	0.748	PBL-42-14L-100-WW-G2-3-UVW-BK	PHLPS GARCO	PBL-14L-100-WW-G2-3-UVW.ms
	1	B5	Single	838	6.1	0.748	PBL-42-14L-100-WW-G2-5-UVW-BK	PHLPS GARCO	PBL-14L-100-WW-G2-5-UVW.ms
	2	SA3	Single	9120	73	0.850	HER-48-3-500-T3-VOLT-LT-BLK-H5 /DS2D- SRA200-18-TBD-SUBLIMATION-DT-AB	RAGN	EVO2-AS719-4BLDMS4- 300K500mA-ES
	2	SA3H	Single	8964	73.1	0.850	HER-48-3-500-T3-VOLT-LT-BLK-H5 /DS2D- SRA200-18-TBD-SUBLIMATION-DT-AB	RAGN	EVO2-C1305-C1787BLK-4BLD- 300K-500 mA-ES
	10	SA4H	Single	7369	73.1	0.850	HER-48-3-500-T3-VOLT-LT-BLK-H5 /DS2D- SRA200-18-TBD-SUBLIMATION-DT-AB	RAGN	EVO2-C1305-C1787BLK-4BLD- 300K-500 mA-ES
	66	TL	Single	669	10	0.850	BL-8-W-A-67	PHLPS HACO	BL-8-18W-WW-rted.ms
	10	WP3	Single	3508	35.4	0.748	PWS-14L-650-NW-G2-3-UVV / Wall Mounted 12R	PHLPS GARCO	PWS-14L-650-NW-G2-3-UVV.ms

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	AvgMin	MaxMin
Parking Lot	Footcandle	Fc	1.69	5.4	0.4	4.23	10R Gnd
Site	Footcandle	Fc	0.37	6.6	0.0	N.A.	10R Gnd
Walkway	Footcandle	Fc	2.07	5.8	0.4	5.18	5R Gnd

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 differences in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Lamp data used to generate the attached calculations apply to most 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 Lumens 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.

20-30 BEAVER ROAD, WETHERSFIELD, CT 06109
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PROJECT TITLE:

AMS WILTON
131 DANBURY RD
WILTON, CT

DRAWING TITLE:

SITE LIGHTING
PHOTOMETRIC CALCULATION

SCALE : 1"=20'-0"
DATE: 10/19/23
DRAWN BY: LED/PD
SHEET:

SL-1A