



JOB NAME: WAKE ROBIN INN - 104-106 SHARON RD - SALISBURY, CT
 APPLICATOR: LED LIGHTING SOLUTIONS
 WORKING PLANE: CALC PLANE AT FINISH GRADE
 MOUNTING HEIGHT: SEE LUMINAIRE SCHEDULE
 APPX. LEOPD
 SALES SP
 SPECIFIER: SLR CONSULTING

Symbol	Qty	Label	Arrangement	Lum. Lumens	Lum. Watts	LLF	Description	(MANUFACT)	File Name
⊙	42	S1	Single	1882	17.23	0.765	DSBC-LED-4-4LED-350mA-27K / FN15 144-1	SAVO	WAKE-442744as
⊙	2	E-1	Single	840	8.16	0.850	NMC-RTMFW 2700K, 80 MH	Nova Lighting	NMC-RTMFW 2700K.as
⊙	3	SA2	Single	7280	53.6	0.850	DSBC-LED-8-4LED-350mA-27K / FN15 144-1 P727-FINISH / XPXM-1-FINISH	U.S. ARCHITECTURAL LIGHTING	DSBC-LED-8-4LED-350mA-27K.as
⊙	5	SA3	Single	5324	53.6	0.850	DSBC-LED-8-4LED-350mA-27K / FN15 144-1 11-P727-FINISH / XPXM-1-FINISH	U.S. ARCHITECTURAL LIGHTING	DSBC-LED-8-4LED-350mA-27K-15.as
⊙	3	SAH	Single	7407	53.6	0.850	DSBC-LED-8-4LED-350mA-27K / FN15 144-1 11-P727-FINISH / XPXM-1-FINISH	U.S. ARCHITECTURAL LIGHTING	DSBC-LED-8-4LED-350mA-27K-15.as
⊙	3	SA4	Single	7351	53.6	0.850	DSBC-LED-8-4LED-350mA-27K / FN15 144-1 P727-FINISH / XPXM-1-FINISH	U.S. ARCHITECTURAL LIGHTING	DSBC-LED-8-4LED-350mA-27K-15.as
⊙	7	SA6	Single	5550	53.6	0.850	DSBC-LED-8-4LED-350mA-27K / FN15 144-1 11-P727-FINISH / XPXM-1-FINISH	U.S. ARCHITECTURAL LIGHTING	DSBC-LED-8-4LED-350mA-27K-15.as
⊙	1	SA5	Single	7355	53.6	0.850	DSBC-LED-V50-W-4LED-350mA-27K / FN15 144-1 11-P727-FINISH / XPXM-1-FINISH	U.S. ARCHITECTURAL LIGHTING	DSBC-LED-V50-W-4LED-350mA-27K.as
⊙	3	SA5-2	Back-Back	7355	53.6	0.850	DSBC-LED-V50-W-4LED-350mA-27K / FN15 144-1 11-P727-FINISH / XPXM-1-FINISH	U.S. ARCHITECTURAL LIGHTING	DSBC-LED-V50-W-4LED-350mA-27K.as
⊙	2	SL	Single	911	3	0.765	LEDSTEP911-2700K-FINISH, Mounted 1/8"	DALS Lighting	LEDSTEP911-2700K.as
⊙	51	WS	Single	812	14	0.850	LBELED14-FINISH-3, Wall Mounted 8L 40" TB	Troy C&S Lighting Inc	LBELED-45.6S
⊙	3	WS1	Single	812	14	0.850	LBELED14-FINISH-3, Wall Mounted 8L 40" TB	Troy C&S Lighting Inc	LBELED-45.6S

Location	Calculation Summary	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Description
Site	Event Barn Parking Lot	Humance	Fc	0.33	20.6	0.0	N.A.	N.A.	100' Grid
Site	Hotel Parking Loop	Humance	Fc	1.44	4.3	0.4	3.00	10.75	100' Grid
Site	Hotel Rear Deck	Humance	Fc	1.46	4.2	0.3	4.87	14.00	100' Grid
Site	Pool Parking Lot	Humance	Fc	1.57	6.1	0.1	15.70	85.00	100' Grid
Site		Humance	Fc	1.48	4.4	0.1	14.80	44.00	100' Grid

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 results, it is essential that you insist all designers use correct Light Loss Factors.



PROJECT TITLE:
 WAKE ROBIN INN
 104-106 SHARON RD
 SALISBURY, CT

DRAWING TITLE:
 SITE LIGHTING
 PHOTOMETRIC CALCULATION

SCALE: 1"=40'-0"

DATE: 9/6/24

DRAWN BY: LED/PD

SHEET: SL-1B

FILE NAME: 2024-09-06 SL-1B WAKE ROBIN INN - 104-106 SHARON RD - SALISBURY, CT.dwg