



Luminaire Schedule - LED

Project: HUMMINGBIRD COTTAGES - SONOMA

Symbol	Qty	Label	Arrangement	LLF	Luminaire Lumens	Luminaire Watts	Description	Filename
☉	5	AA	SINGLE	0.810	2651	33.7	STERNBERG 1521RLED-CFG-2ARC30T3R - 15' POLE	1521RLED-FG-2ARC45T3R.IES
☉	1	E2	Single	0.281	9612	29	EXISTING 29W LED COBRAHEAD BY OTHERS ON WOOD UTILITY POLE @ 25' + 6' ARM (PRORATED FOR 29W)	BXSP-B-XX-2ME-B-40K-UL_CONFIGURED.ies
☉	2	E3	Single	0.468	9612	53	EXISTING 53W LED COBRAHEAD BY OTHERS ON WOOD UTILITY POLE @ 25' + 2' ARM (PRORATED FOR 53W)	BXSP-B-XX-2ME-B-40K-UL_CONFIGURED.ies

Calculation Summary

Project: HUMMINGBIRD COTTAGES - SONOMA

Description	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SMALL PARK	Illuminance	Fc	0.64	1.29	0.11	5.82	11.73
STREET A	Illuminance	Fc	0.60	1.31	0.06	10.00	21.83
STREET B	Illuminance	Fc	0.52	1.28	0.07	7.43	18.29

ALL VALUES SHOWN ARE MAINTAINED HORIZONTAL FOOTCANDLES AT GRADE

PHOTOMETRIC DATA USED AS INPUT FOR THESE CALCULATIONS IS BASED ON ESTABLISHED IES PROCEDURES AND PUBLISHED LAMP RATINGS. FIELD PERFORMANCE WILL DEPEND ON ACTUAL LAMP, BALLAST, ELECTRICAL, AND SITE CHARACTERISTICS.

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.

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REPORT FOR: GIACALONE DESIGN SERVICES  
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**AGI32** Lighting Analysts  
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PROJECT DESCRIPTION  
**HUMMINGBIRD COTTAGES**  
SONOMA

DRAWING NO. / INPUT FILE  
19354BEN-R1.DWG / 19354BEN-R1.A32

SCALE 1" = 20'	SHEET 1 OF 1	DATE 09.17.2021	REV 1
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