

Luminaire Schedule							
Scene: GENERAL							
Symbol	Qty	Label	Arrangement	Description	Lum. Lumens	LLF	Filename
27	C			DAYBRITE FSX440L830-UNV-DIM	3955	0.900	FSX440L840-UNV.ies
1	P1	SINGLE		FONROCHE RFS-29W16LED3K-G2-R2M-HS-xx-xx	3680	0.687	RFS-29W16LED3K-G2-R2M-HS.ies
6	P2	SINGLE		FONROCHE RFS-29W16LED3K-G2-4-HS-xx-xx	3712	0.687	RFS-29W16LED3K-G2-4-HS.ies
1	S1	SINGLE		FONROCHE RFS-32W16LED3K-G2-R2M-HS-xx-xx	3680	0.758	RFS-32W16LED3K-G2-R2M-HS.ies
8	S2	SINGLE		FONROCHE RFS-32W16LED3K-G2-R3M-HS-xx-xx	3525	0.758	RFS-32W16LED3K-G2-R3M-HS.ies
7	S3	SINGLE		FONROCHE RFS-32W16LED3K-G2-4-HS-xx-xx	3712	0.758	RFS-32W16LED3K-G2-4-HS.ies
241	W	SINGLE		EVERGREEN MAD220LS	1951	0.900	MAD220LS.ies

Calculation Summary							
Scene: GENERAL							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PARKING	Illuminance	Fc	1.90	11.7	0.2	9.50	58.50
WALKWAY	Illuminance	Fc	1.70	7.8	0.0	N.A.	N.A.

F-33  
FUTURE  
COMMERCIAL

ISOLINE VALUE 0.50 Fc  
ISOLINE VALUE 1.00 Fc

FIXTURE LABEL; SEE FIXTURE SCHEDULE FOR DETAILS  
FIXTURE MOUNTING HEIGHT (MH); BOTTOM OF LENS TO GRADE (U.O.N.)



**LIGHTING PLAN - PHOTOMETRIC ANALYSIS - LAYOUT VERIFICATION**  
SCALE: 1" = 30'-0" (ALL VALUES SHOWN ARE MAINTAINED HORIZONTAL FOOTCANDLES AT FINISHED GRADE, U.O.N.)

PRELIMINARY - NOT FOR CONSTRUCTION

Note: Unless otherwise specified - the lamp lumen depreciation (LLD) for legacy sources used in these calculations is based on published mean lumen ratings by major lamp manufacturers; 0.80 LLD for pulse start metal halide; 0.90 LLD for high pressure sodium; 0.95 LLD for linear T8 and T5 fluorescent; 0.86 LLD for compact fluorescent and induction; 0.88 LLD for Cosmo and Elite lamps; 0.94 LLD for all LED sources. Unless otherwise noted - 0.90 luminaire dirt depreciation (LDD) is commonly applied. In cases where appropriate - ballast factor (BF) is applied. Additional user defined factors (UDF) may be applied if necessary to represent luminaire performance to a higher degree of accuracy. Total light loss factor (LLF) is the product of all multiplied loss factors.

PHOTOMETRIC DATA USED AS INPUT FOR THESE CALCULATIONS IS PUBLISHED. LAMP RATINGS, FIELD PERFORMANCE WILL VARY FROM ACTUAL. LAMP BALLAST, ELECTRICAL, AND SITE CHARACTERISTICS DIFFERENCES WILL OCCUR BETWEEN MEASURED RESULTS AND CALCULATED RESULTS.

Calculations have been performed according to IESNA standards and good practice. Software used in calculations includes: Radiance, Photometric, and other industry standard software. The data used to generate the photometric analysis was obtained from the manufacturer's photometric data. The actual luminaire performance may vary from the published data. The final luminaire performance will be determined by the field data.

AGI Lighting Analysis  
1008 N CENTRAL ROAD, SUITE 202, LITTLETON, CO, USA, 80120

AGI2  
AGI2 VERSION 198

PROJECT FOR:  
TIM FISHER  
VAN DALE HOMES  
SALES REPRESENTATIVE

JOHN BENSON  
ASSOCIATED LIGHTING REPRESENTATIVES, INC.  
APPLICATION ENGINEERING:  
GREG KESZLER

PROJECT DESCRIPTION:  
Roseville Midpoint F-25 & F-26  
DRAWING / REVIT FILE

DATE:  
2/10/21

SCALE:  
AS NOTED

REV: 0  
1 OF 1

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