



Luminaire Schedule

Symbol	Qty	Label	Arrangement	ULF	Description	Arr. Watts	Arr. Lum Lumens	BUG Rating
[Symbol]	32	A	SINGLE	0.854	GRUS-SC-LED-LW-CW MTD @ 18'	87.9	10871	B3-U0-G1
[Symbol]	4	D1K5_42	BACK-BACK	0.854	2-BALPOS55KSM75GNDD1BLOKFS1 30ft pole on 3ft base	424	60000	B5-U0-G3
[Symbol]	2	D2H4_42	ROTATED OPTICS	0.854	1-EALPOS55KSM75GNDD1BLOKFS1 and 1-EALPOS55KSM75GNDD1BLOKFS2 30ft pole on 3ft base	302	40000	B3-U0-G3

NOTE: VOLTAGE FOR THE FUEL STATION SITE LIGHTING PACKAGE MAY BE DIFFERENT THAN SITE LIGHTING ASSOCIATED WITH THE STORE PARKING LOT. VERIFY AVAILABLE VOLTAGE PRIOR TO SHIPPING.

Calculation Summary Worksheet

Label	Avg	Max	Min	Mark/Min
Store	4.05	0.45	9.65	
Fuel Station	2.63	5.03	1.63	0.28

WALMART ALLOWED LUMEN TOTAL COMPLIANCE CHART

Instructions: Insert site information into the yellow cells. If you need to insert rows and drag formulas, password to unprotect sheet is "ge"

Store # 056292
City ANDERSON
State SC

Total Area in Square Feet (minus bldg, sidewalks, canopies, Garden Ctr., etc.) 81,500 Square Feet

Number of Parking Area Entrances 1 Entrances

MLO ALLOWANCES based on MLO release June 15, 2011

Allowable Lumens per Sq/Ft Hardscape (Initial) 5 Lumens
 Addit. Allowable Lumens per Entrance (Initial) 600 Lumens
 Addit. Lumen Allowance For Entrances (Initial) 600 Lumens
 Site Total Allowable Lumens (Initial) 408,100 Lumens

Actual Initial Lumens Installed

Fixture Type	B-U-G Rating	#Luminaires per pole or # wall packs	# Poles For wall packs use "0"	Watts per Arrangement	Initial Lumens per Arrangement	Total Watts	Total # of Luminaires	Total Lumens
D1K5_42	B5-U0-G3	2	4	424	60000	1,696	8	240,000
D2H4_42	B3-U0-G3	2	2	302	40000	604	4	80,000
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

BUG ratings on this calculator may differ from BUG on the design due to TM-15 update mid 2011

PROJECT IS COMPLIANT?	Total Poles	Light Power Density (LPD)	Lumens per Watt (LPW)	Total Watts	Total Luminaires	Total Lumens
YES	6	0.0282	139	2,300	12	320,000

ANDERSON, SC
 GE EVOLVE LED AREA LUMINARIES
 42 ft MOUNTING HEIGHTS
 EXISTING AND NEW POLE LOCATIONS
 TARGET: 2.75 fc AVG 1.50 fc MIN FUEL STATION
 0.40 fc MIN ENTRY DRIVEWAYS

Philip Bejarano - SLDP June'11

REVISIONS

NO.	DATE	REVISION

Engineering Associates, Inc.

3818 LIBERTY HWY #6
 ANDERSON SOUTH CAROLINA

SAMS CLUB FUEL STATION #663-502
 SITE PLAN

DATE: 11/13/11
 TIME: 10:14 AM
 DRAWN BY: PHILIP BEJARANO
 CHECKED BY: PHILIP BEJARANO
 PROJECT NO.: 10629
 DATE: 6-20-2011
 SHEET NO.: APP C