AGENDA CITY OF MONTEVALLO

Design Review Committee

February 11, 2020 - 3:00 P. M.

City of Montevallo City Hall 545 Main Street Montevallo, AL 35115

PUBLIC HEARING

- 1. Verification of Quorum.
- 2. Call to Order.
- 3. SP19-008 Highway 119 Dollar General Building Design

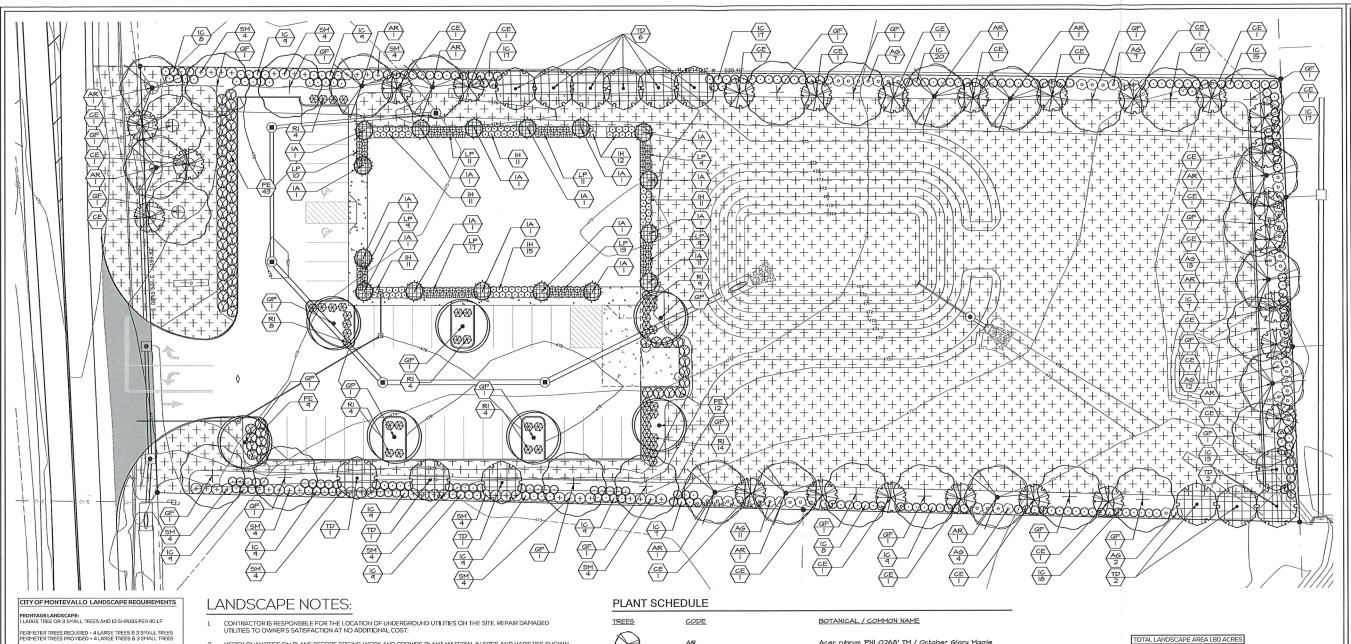
This is the application of the Broadway Group for the construction of a retail store in the Scenic corridor Overlay district. The design of the building is a new prototype Dollar General Store.

- 4. Other Business.
- 6. Adjourn.

City of Montevallo Design Review Committee Board Application for Review

Case No. 19-008 Permit No.	Project Address	Submittal Date 12 20 19			
APPLICANT	PARCEL # 27-1	-02-0-00-001.003			
Name: Broadway Group	Telephone/	one/Cell: 256 - 533 - 7287			
Address: 7.0.80x 18968		ussa carter plorocodwaygroup.net			
OWNER					
Name: Lovelady Properties	Telephone/	Cell:			
Address: 3347 Pelhem Pkwy					
LOCATION					
☐ Urban Core ☐ Scenic Corridor					
Location Address: WA PED	27-1-02-0-00-00	800.			
Proposed Use: Dollar General - R	atril Store				
	CIATI SICIE	, .			
PROJECT DESCRIPTION Maintenance of the site/replacement of	f oxisting metarials No	OTES:			
☐ Alterations/minor changes to existing of	S				
☐ Complete demolition and reconstruction	on	Jew Dollar Greneral Retail Store > New Concept Design			
☐ Partial demolition and reconstruction		> New Concept Design			
☑ New development					
☐ Fencing/Berms/retaining walls					
☐ New or additional lighting	`				
☐ Accessory structure(s)					
☐ Sign installation or replacement					
DOCUMENTS ATTACHED:					
Architectural Drawings including exter		OTES:			
List of materials and color scheme		Site Plan for Consideration by			
Plot Plan identifying the location of all structures	proposed and existing	PAZ and City Council.			
Photo of existing structure		ABB Reviewed and approved.			
Landscaping Plan (when applicable)		Pole to as Cochethines			
☐ Fencing/Berms/retaining walls details		Pole type for lighting			
☐ Lighting details	,	9			
☐ Sign details					
D : 11 .//-	For Internal Office Use O	· ·			
Received by:		Date: 12/20/19			
DRC Distribution Date:	DRC	Meeting Date: 2 11/1020			
Recommendation of the DRC:					
☐ Support/Approve COA ☐ Conditions/Reason for Opposition:	Support with Conditions	☐ Oppose/Not Approve COA			





INTERIOR LANDSCAPE: 1 TREE AND 4 SHRUBS PER 150 SF OF LANDSCAPE AREA

INTERIOR TREES REQUIRED = 4 INTERIOR TREES PROVIDED = 5

INTERIOR SHRUBS REQUIRED = 16 INTERIOR SHRUBS PROVIDED = 20

PERIMETER LANDSCAPE: 1 LARGE TREE PER 40 LF AND 10 SHRUBS FOR 30 LF 437 LF OF 10' LANDSCAPE BUFFER

PERIMETER TREES REQUIRED = 12 PERIMETER TREES PROVIDED = 12

PERIMETER SHRUBS REQUIRED = 146 PERIMETER SHRUBS PROVIDED = 147

FOUNDATION LANDSCAPE: 1 SMALL TREE AND 10 SHRUBS PER 25 LF 398 LF OF 5' LANDSCAPE STRIP

OUNDATION SMALL TREES REQUIRED = 16 OUNDATION SMALL TREES PROVIDED = 16

FOUNDATION SHRUBS REQUIRED = 159 FOUNDATION SHRUBS PROVIDED = 160

BUFFER A LANDSCAPE: 3 LARGE TREE, 2 SMALL TREES, AND 20 SHRUBS PER 100 LF 692 LF OF 10' LANDSCAPE BUFFER

BUFFER A LARGE TREES REQUIRED = 21 BUFFER A LARGE TREES PROVIDED = 22

BUFFER A SMALL TREES REQUIRED = 14 BUFFER A SMALL TREES PROVIDED = 15

BUFFER A INTERIOR SHRUBS REQUIRED = 138 BUFFER A INTERIOR SHRUBS PROVIDED = 139 BUFFER B LANDSCAPE: 4 LARGE TREE, 3 SMALL TREES, AND 30 SHRUBS 208 LF OF 15' LANDSCAPE BUFFER

:UFFER B SMALL TREES REQUIRED = 7 :UFFER B SMALL TREES PROVIDED = 7

BUFFER B INTERIOR SHRUBS REQUIRED = 63 BUFFER B INTERIOR SHRUBS PROVIDED = 63

- VERIFY QUANTITIES ON PLANS BEFORE PRICING WORK AND PROVIDE PLANT MATERIAL IN SIZES AND VARIETIES SHOWN
- ALL PLANT MATERIAL SHALL BE GUARANTEED ONE FULL YEAR, FREE REPLACEMENT ON LABOR & MATERIAL SEPARATE AGREEMENT WITH INSTALLER SHALL BE PROVIDED, TO INCLUDE CONTACT NAME/PH. NUMBERS
- 4. SOD ALL AREAS ACCORDING TO LANDSCAPE PLAN AND SEED ALL OTHERS.
- 5. LANDSCAPE ARCHITECT MAY OR MAY NOT AT HIS/HER DISCRETION ACCEPT SUBSTITUTIONS.
- 6. PROVIDE FRESHLY DUG TREES AND SHRUBS. DO NOT USE NATURALLY COLLECTED MATERIALS.
- PLANT MATERIAL STORED ON THE SITE MORE THAN 8 HOURS PRIOR TO PLANTING SHALL BE HILLED IN WITH MULCH AND
- 8. INSTALL ALL PLANT MATERIALS IN ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.
- 9. STAKE PLANT LOCATIONS FOR APPROVAL BY LANDSCAPE ARCHITECT BEFORE INSTALLATION, ADJUST STAKE
- 10. ALL PLANTS SHALL MEET SPECIFICATIONS, ROOTBALLS SHALL MEET OR EXCEED SIZE STANDARDS SET FORTH IN ANSI 2501, YAMERICAN STANDARD FOR NURSERY STOCK; MAIN LEADERS OF ALL TREES SHALL REMAIN INTACT.
- 1). MULCH PLANT PITS AND PLANTING BEDS WITH PINE STRAW OR SHREDDED WOOD CHIPS TO A DEPTH OF 3 INCHES.
- 12. PREPARE ALL TOPSOIL TO BE USED IN ALL PLANTING AREAS IN THE FOLLOWING PROPORTIONS:
- 4 PARTS TOP SOIL
 2 PARTS DECOMPOSED ORGANIC MATTER
 1 PART APPROVED SOIL AMENDMENT
 1 PART IMYCHORIZAE FUNGI PER MANUFACTURER SPEC'S
- 13. REMOVE FROM SITE ANY PLANT MATERIAL WHICH TURNS BROWN OR DEFOLIATES WITHIN 5 DAYS AFTER PLANTING. REPLACE IMMEDIATELY WITH APPROVED SPECIFIED PLANT MATERIAL.
- WHEN LANDSCAPE WORK IS COMPLETE, LANDSCAPE ARCHITECT WILL, UPON REQUEST MAKE AN INSPECTION TO
- MAINTAIN ALL PLANT MATERIAL UNTIL THE JOB IS ACCEPTED IN FULL BY THE LANDSCAPE ARCHITECT UNLESS OTHERWISE SPECIFIED.
- 16. LOCATE PLANT MATERIAL PRIOR TO SUBMITTING BID / OR QUALIFY BID WITH RECOMMENDED PLANT SUBSTITUTIONS. SUBMISSION OF BID SHALL CONSTITUTE CONTRACTORS ACCEPTANCE OF PLANT AVAILABILITY.
- ALL TREES WILL BE MULCHED WITH PINE STRAW OR SHREDDED WOOD CHIPS, AND BE STAKED AS SHOWN ON DRAWINGS. STAKES AND GUY WIRE TO BE REMOVED BY AND REMAIN THE PROPERTY OF THE CONTRACTOR.

CE Cercis canadensis / Eastern Redbud Multi-trunk llex opaca / American Holly Quercus falcata / Southern Red Oak QF Quercus phellos / Willow Oak QP Taxadlum distichum / Bald Cupress TD

SHRUBS CODE 0 AG \odot

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GROUND COVERS BOTANICAL / COMMON NAME

Cynodon dactylon / Bermuda Grass

Acer rubrum 'PNI 0268' TM / October Glory Maple

BOTANICAL / COMMON NAME Abelia x grandiflora / Glossy Abelia

llex cornuta 'Carissa' / Carissa Holly

llex crenata 'Helerii' / Heler Japanese Holly

Loropetalum chinense 'Purple Pixie' / Purple Pixie

Prunus laurocerasus / English Laurel

Rhaphiolepis indica / Indian Hawthorn

Spiraea x bumalda 'Goldmound' / Gold Mound Spirea

MONTEV

CITY OF MONTEVALLO PARKING TOTALS

NOTE: THE OWNER, LESSEE, OR HIS AGENT SHALL BE RESPONSIBLE FOR PROVIDING, MAINTAINING, AND PROTECTING ALL LANDSCAPING IN A HEALTHY AND GROWING CONDITION, AND FOR KEEPING IT FREE FROM REFUSE AND DEBRIS. ALL UNHEALTHY AND DEAD MATERIALS SHALL BE REPLACED WITHIN ONE YEAR AFTER NOTIFICATION OR DURING THE NEXT APPROPRIATE PLANTING PERIOD, WHICHEVER COMES FIRST

NOTE: THE SOD SHALL BE PLACED ON THE PREPARED SURFACE WITH THE EDGES IN CLOSE CONTACT, CRACKS BETWEEN BLOCKS OF SOD SHALL BE CLOSED WITH SMALL PIECES OF SOD, AND ACCEPTABLE LOAMY TOP SOIL SHALL BE USED TO FILL JOINTS. THE ENTIRE SODDED AREA SHALL THEN BE TAMPED IN PLACE IN A SATISFACTORY MANNER AND WATERED AS NECESSARY







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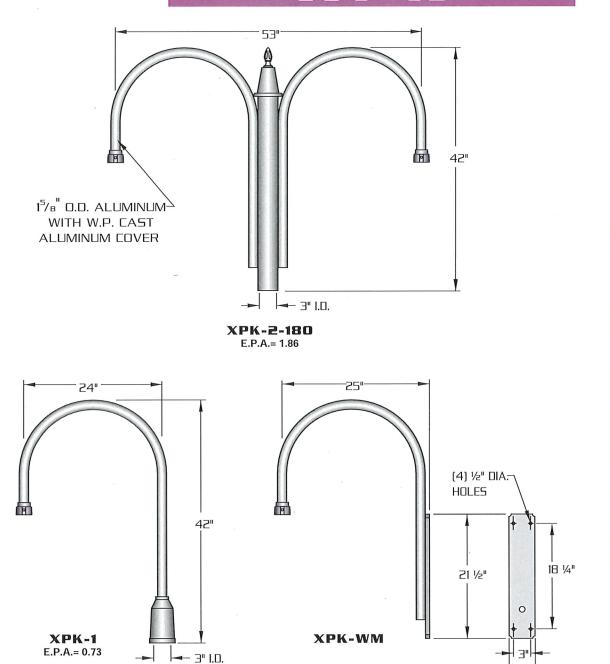
LANDSCAPE PLAN

DRAWN BY:

11/19/2019 M. ROBINSON CHECKED BY: C. ORCUTT PROJECT NO.: 19278.HO

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XPK



DURABLE CORROSION RESISTANT, CAST AND EXTRUDED ALUMINUM CONSTRUCTION.

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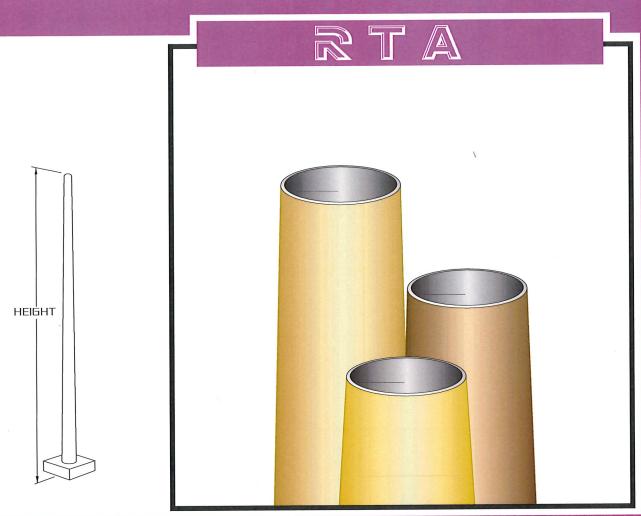
2-180



SCALE: 3/4"=1'-0"

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4 ½"→





ROUND TAPERED ALUMINUM



SPECIFICATIONS

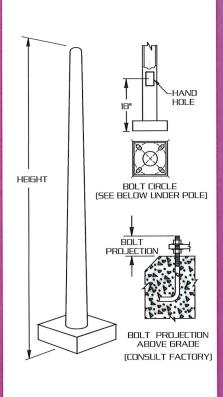
- **5HAFT:** SPUN TAPERED FROM 6063 ALLOY ALUMINUM TUBING. HEAT TREATED TO PRODUCE A TG TEMPER. SHAFT INCLUDES A PERIPHERALLY REINFORCED HAND HOLE FURNISHED WITH COVER. SHAFT IS FURNISHED WITH GROUND LUG LOCATED ON CAST ALUMINUM BASE PLATE.
- BASEPLATE: CAST ALUMINUM CONSTRUCTED OF A-356 ALUMINUM ALLOY HEAT TREATED TO PRODUCE A T6 TEMPER. STRUCTURALLY ENGINEERED BASE INCLUDES EIGHT HEAVY WALL REINFORCING VERTICAL GUSSETS. BASE TELESCOPES AND IS CIRCUMFERENTIALLY WELDED TO SHAFT AT BOTH THE OUTSIDE TOP AND INSIDE BOTTOM OF THE BASE.
- ANCHORAGE: [4] ANCHOR BOLTS FABRICATED FROM HOT ROLLED STEEL BAR. MINIMUM YIELD STRENGTH OF SO.DOO P.S.I. BOLTS HAVE "L" BEND ON ONE END AND ARE THREADED ON THE OTHER END. BOLTS ARE FULLY GALVANIZED AND ARE FURNISHED WITH TWO NUTS AND TWO WASHERS.
- BASE COVER: FABRICATED FROM HEAVY WALL ALUMINUM CONSTRUCTION. TWO PIECE COVER ENTIRELY CONCEALS BASE
 - FINISH: POLYESTER POWDER COAT-STATE OF THE ART 20 PSI PRESSURE POWER WASH AT 140° TEMPERATURE INCORPORATES FOUR STEP IRON PHOSPHATE PROCESS TO CLEANSE AND PRETREAT THE METAL SURFACE FOR MAXIMUM PAINT ADHESION. ELECTROSTATICALLY APPLIED TEXTURED POLYESTER POWDER TOPCOAT IS BAKED AT 400° TEMPERATURE FOR MAXIMUM HARDNESS AND EXTERIOR DURABILITY.

RTA SERIES

ENGINEERING DATA Maximum EPA - Square Feet

Catalog Number	Maximum Fixt. wgt.	100 MPH	90 MPH	80 MPH	70 MPH
RTA 1443-125	50	2.2	3.0	4.5	6.2
RTA 1643-125	50	1.1	1.8	2.9	4.4
RTA 1853-188	100	4.1	5.6	7.6	10.8
RTA 2064-188	200	5.6	7.5	10.1	14.2
RTA 2574-188	225	5.7	7.3	9.5	13.6
RTA 3084-188	200	5.6	7.4	9.9	13.5
RTA 3584-188	100	3.8	5.1	7.0	9.3
RTA 4084-250	200	4.2	5.4	7.6	10.7
**					
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All above design calculations are based on sustained wind forces plus additional 1.3 wind gust (Example: Pole rated at 80 MPH withstands 104 MPH gusts)



ORDERING INFORMATION								
MODEL NO.: RTA	POLES	MOUNTING	FINISH	OPTIONS				
MODEL NO.:	POLES	MOUNTING	FINISH	OPTIONS				
R T A	POLE HEIGHT SIZE THICKNESS CIRCLE ANCHORAGE 1443-125 14' 4.0X3.0 .125 10¼" 3/4"X18"X3" 1643-125 16' 4.0X3.0 .125 11¾" 3/4"X18"X3" 1853-188 18' 5.0X3.0 .188 11¾" 1"X36"X4" 2064-188 20' 6.0X4.0 .188 13" 1"X36"X4" 2574-188 25' 7.0X4.0 .188 13" 1"X36"X4" 3084-188 30' 8.0X4.0 .188 13" 1"X36"X4" 3584-188 35' 8.0X4.0 .188 13" 1"X36"X4" 4084-250 40' 8.0X4.0 .188 13" 1"X36"X4"	☐ 2 3/8"X4" TENON PT23 ☐ 2 7/8"X4" TENON PT27 ☐ OTHER TENON MT DRILL MOUNT ☐ 1	STANDARD SMOOTH FINISH BLACK RAL-9005-S WHITE RAL-9003-S GREY RAL-7004-S DRK BRONZE RAL-8019-S GREEN RAL-6005-S OPTION: BRONZE ANODIZED AZ313 NATURAL ANODIZED	□ DUPLEX RECEPTACLE DUP □ GFI RECEPTACLE GFI □ 3 WAY ADAPTER T3120 □ 4 WAY ADAPTER T490 □ ROUND BASE COVER RBC □ 1/2" COUPLING CPLN1/2 □ 3/4" COUPLING CPLN3/4 □ 2" COUPLING				

2-90, 3-90, 4-90

REQUIRES

PT27

AND

T490

ADAPTER

3-120

REQUIRES

PT27

AND **T3120**

ADAPTER

ORDERING INFORMATION

AZ

BLACK

ANODIZED

CPLN2

(SPECIFY COUPLING LOCATION)

SEE ACCESSORIES SECTION FOR OTHER OPTIONS.

☐ OTHER HEIGHTS SPECIFY_

SOLID STATE AREA LIGHTING

DSAP SERIES-LED

SPECIFICATIONS

HOUSING

Upper housing is heavy gauge cast aluminum (DSAP25) or 0.125" thick spun aluminum with reveal (DSAP1). Lower housing is 0.080" thick spun aluminum with integrated LED module seat. Lower housing is vented at top and bottom for convective cooling of LED module. Top Driver chamber is sealed from LED Module chamber. Trulevel ball coupling mount is welded to housing and facilitates quick leveling and installation.

VLED OPTICS

Low copper A356 alloy (<.2% copper) cast aluminum housing. Integrated clear tempered glass lens sealed with a continuous silicone gasket protects emitters (LED's) and emitter Reflector-Prism optics, and seals the module from water intrusion and environmental contaminants. Module is sealed to meet an IP67 rating. Each emitter is optically controlled by a Reflector-Prism injection molded from H12 acrylic (3 types per module; one from 0° - 50°; one from 50° - 65°; one from 65° - 72°). Each Reflector-Prism has indexing pins for aiming and is secured to an optical plate made of matte black anodized aluminum. The optical plate locates every Reflector-Prism over an emitter. Reflector-Prisms are secured to the optical plate with a UV curing adhesive. The Reflector-Prisms are arrayed to produce IES Type II, III, IV, and V-SQ distributions. The entire Optical Module is field rotatable in 90° increments. Both module and drivers are factory wired using water resistant, insulated cord.

LED DRIVER

Drivers are UL and cUL recognized mounted on a single plate and factory prewired with quick-disconnect plugs. Constant current driver is electronic and has a power factor of >0.90 and a minimum operating temperature of -40°F. Drivers accept an input of 120-277V, 50/60Hz or 347-480V, 50/60Hz. (0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field accessible installation.)

LED EMITTERS

High output LED's are utilized with drive currents ranging from 350mA to 1050mA. 70CRI Minimum. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

AMBER LED's

PCA (Phosphor Converted Amber) LED's utilize phosphors to create color output similar to LPS lamps and have a slight output in the blue spectral bandwidth. TRA (True Amber) LED's utilize material that emits light in the amber spectral bandwidth only without the use of phosphors.

FINISH

Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability. Texture finish is standard.

PROJECT NAME:

FIXTURE TYPE:







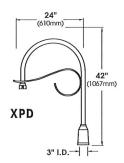


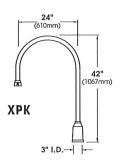
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DSAP SERIES - LED

MOUNTING STYLES





ARMS ARE HEAVY WALL EXTRUDED ALUMINUM CONSTRUCTION. FOR ADDITIONAL ARM OPTIONS SEE ARM SECTION OF USALTG.COM WEBSITE

Approximate Average Lumens – 4000K (Lumens median of all distributions)

	350mA			525mA			700mA		
	Watts	Lumens	HID Eq.	Watts	Lumens	HID Eq.	Watts	Lumens	HID Eq.
48	53	5,843	70- 100	77	8,046	100- 175	103	10,074	200- 250
64	71	7,791	100- 175	102	10,728	175	138	12,402	315- 350
80	87	9,164	150- 175	130	12,493	200- 250	173	15,539	350- 400
100	110	11,055	200	160	15,295	350- 400	-	-	-
120	129	13,265	250	192	18,354	400- 450	-	-	-

VLED MODULES



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DSAP25 E.P.A.= 1.23 Available in: 120, 100, 80 & 64 LED Module





DSAP1 E.P.A.= 0.77 Available in: 80, 64 & 48 LED Module

Spec/Order Example: DSAP1/VLED-II/64LED-350mA/CW/208/XPD3-120/RAL-9003-T/I							
SP	EC/C	O R D	E R I I	V G I	INFOR	MAT	ION
MODEL	OPTICS	LED MODE		VOLTAGE	MOUNTING	FINISH	OPTIONS
MODEL	OPTICS	LED		VOLTAGE	MOUNTING	FINISH	OPTIONS
	VLED° IES DISTRIBUTION TYPE	# of LED's	DRIVE CURRENT		ARM MOUNT	STANDARD TEXTURED FINISH	
☐ DSAP25	☐ TYPE II	D\$AP25 ☐ 120LED¹ ☐ 100LED¹	☐ 700mA ☐ 525mA	□ 120	□XPD □XPK	☐ BLACK RAL-9005-T	HOUSE SIDE SHIELDED REFLECTOR PRISMS HS-VLED
☐ D\$AP1	☐ TYPE III VLED-III	□ 80LED □ 64LED	☐ 350mA	□ 208 □ 240	□1	☐ WHITE RAL-9003-T	PHOTO CELL + VOLTAGE (EXAMPLE: PC120V)PC+V
	☐ TYPE IV VLED-IV	DSAP1	COLOR NW (4000K)		☐ 2-180	☐ GREY RAL-7004-T	TWIST LOCK RECEPTACLE ONLYTPR 7-PIN TWIST LOCK
	☐ TYPE V-SQ VLED-VSQ	□ 80LED¹	*STANDARD CW (5000K) WW (3000K)	□ 347 □ 480	□ 4-90	☐ DARK BRONZE RAL-8019-T	RECEPTACLE ONLY TPR7 SINGLE FUSE (120V. , 277V) SF
	,	□48LED	OTHER LED COLORS AVAILABLE CONSULT FACTORY		WALLMOUNT	GREEN RAL-6005-T	DOUBLE FUSE (208V., 240V)DF
	,	AMBER ² PHOSPHOR CONVERTED AMBER PCA TRUE AMBER ³ TRA		r	□ wm •		HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NONINTEGRATED MOTION SENSOR
						FOR SMOOTH FINISH	STEP DIM MOTION SENSOR (PROGRAMMED 50/100)
	9	NOTES: 1 - NOT AVAILABLE IN 700mA 2 - NARROW BAND AMBERS HAVE NO DEF	PAND AMBERS HAVE NO DEFINABLE			REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500-S)	REMOTE MOTION SENSOR CONFIGURATOR MS-FC10
		CCT EQUIVALENT 3 - AVAILABLE IN 350mA & 525mA DRIVE CURRENTS ONLY			SEE USALTG.COM FOR ADOMINIAL ARM STYLES	SEE USALTG.COM FOR ADDITIONAL COLORS	